State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47 - 069 - 00378 County Ohio District Triadelphia
Quad Valley Grove Pad Name Charles Frye OHI Field/Pool Name Panhandle Field - Wet
Farm name Charles Frye OHI Well Number 410H
Operator (as registered with the OOG) Expand Operating LLC
Address 1300 Fort Pierpont Road, Suite 100 City Morgantown State WV Zip 26508

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,433,733.331 Easting 536,083.859
Landing Point of Curve Northing 4,434,026.150 Easting 537,046.767
Bottom Hole Northing 4,429,433.600 Easting 539,063.067

Elevation (ft) 1266.8 GL Type of Well ■New □ Existing Type of Report □Interim ■Final

Permit Type □ Deviated ■ Horizontal □ Horizontal 6A □ Vertical Depth Type □ Deep ■ Shallow

Type of Operation □ Convert □ Deepen ■ Drill □ Plug Back □ Redrilling □ Rework ■ Stimulate

Well Type □ Brine Disposal □ CBM ■ Gas □ Oil □ Secondary Recovery □ Solution Mining □ Storage □ Other _____

Type of Completion ■ Single □ Multiple Fluids Produced □ Brine ■Gas □ NGL □ Oil □ Other _____
Drilled with □ Cable ■ Rotary

Drilling Media Surface hole ■ Air □ Mud ■Fresh Water Intermediate hole ■ Air □ Mud □ Fresh Water □ Brine
Production hole ■ Air ■ Mud □ Fresh Water □ Brine
Mud Type(s) and Additive(s)
SOBM

Date permit issued 2025-06-30 Date drilling commenced 2025-10-3 Date drilling ceased 2025-10-15
Date completion activities began 2026-01-15 Date completion activities ceased 2026-02-06
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 548 Open mine(s) (Y/N) depths N
Salt water depth(s) ft 777 Void(s) encountered (Y/N) depths N
Coal depth(s) ft 633 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:
APPROVED
10/23/2026

API 47- 069 - 00378 Farm name Charles Frye OHI Well number 410H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/ N) * Provide details below*
Conductor	20.000	20.000	146		J-55/94.00		Y
Surface	17.500	13.375	350		J-55/54.50		Y
Coal							
Intermediate 1	12.250	9.625	2,875		J-55/36.00		Y
Intermediate 2							
Intermediate 3							
Production	8.500	5.500	26,820		P-110/20.00		Y
Tubing							
Packer type and depth set							

Comment Details

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ^{3}/sks)	Volume (ft ^{3})	Cement Top (MD)	WOC (hrs)
Conductor	Class A	Grout to Surface				Surface	24
Surface	Class A	467	15.6	1.19	0	Surface	8
Coal							
Intermediate 1	Class A	1,116	15.6	1.18	0	Surface	8
Intermediate 2							
Intermediate 3							
Production	Class A	4,962	14.5	1.26	0	Surface	24
Tubing							

Drillers TD (ft) 24,317 Loggers TD (ft) 24,317

Deepest formation penetrated Marcellus Plug back to (ft)

Plug back procedure N/A

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Kick off depth (ft) 5,931

Check all wireline logs run ■ caliper ■ density ■ deviated/directional □ induction
■ neutron ■ resistivity □ gamma ray ■ temperature □sonic

Well cored □ Yes ■ No Conventional Sidewall Were cuttings collected □ Yes ■ No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING

SURFACE: CENTRALIZERS - EVERY THIRD JOINT OF CASING
INTERMEDIATE: CENTRALIZERS - EVERY THIRD JOINT OF CASING
PRODUCTION: CENTRALIZERS - EVERY THIRD JOINT FROM SURFACE TO TOP OF CURVE, THEN EVERY JOINT UNTIL TD

WAS WELL COMPLETED AS SHOT HOLE □ Yes ■ No DETAILS

WAS WELL COMPLETED OPEN HOLE? □ Yes ■ No DETAILS

WERE TRACERS USED □ Yes ■ No TYPE OF TRACER(S) USED

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API 47- 069 - 00378 Farm name Charles Frye OHI Well number 410H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	Please See				
	Attached				

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Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
	Please							
	See							
	Attached							

Please insert additional pages as applicable.

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WR-35
Rev. 8/23/13

API 47- 069 - 00378 Farm name Charles Frye OHI Well number 410H

PRODUCING FORMATION(S)	DEPTHS		
Marcellus	6,503 TVD	7,636 MD	

Please insert additional pages as applicable.

GAS TEST □ Build up □ Drawdown ■ Open Flow OIL TEST ■ Flow □ Pump

SHUT-IN PRESSURE Surface 1,182 psi Bottom Hole 4,302 psi DURATION OF TEST 24 hrs

OPEN FLOW Gas 16,216 mcfpd Oil 864 bpd NGL 0 bpd Water 1,284 bpd GAS MEASURED BY □ Estimated ■ Orifice □ Pilot

LITHOLOGY/ FORMATION NAME	TOP DEPTH IN FT TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H_2S, ETC)
	0		0		
	SEE ATTACHMENT 3				

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Please insert additional pages as applicable.

Drilling Contractor SWN Drilling Company
Address PO Box 12395 City Spring State TX Zip 77391-2359

Logging Company Baker Hughes
Address 9110 Grogans Mill Road City The Woodlands State TX Zip 77380

Cementing Company Schlumberger
Address 110 Schlumberger Drive City Sugar Land State TX Zip 77478

Stimulating Company SWN Drilling Company
Address PO Box 12395 City Spring State TX Zip 77391
Please insert additional pages as applicable.

Completed by Eric Haskins Telephone 570 290-8837
Signature Title Regulatory Manager Date 04/14/2026

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

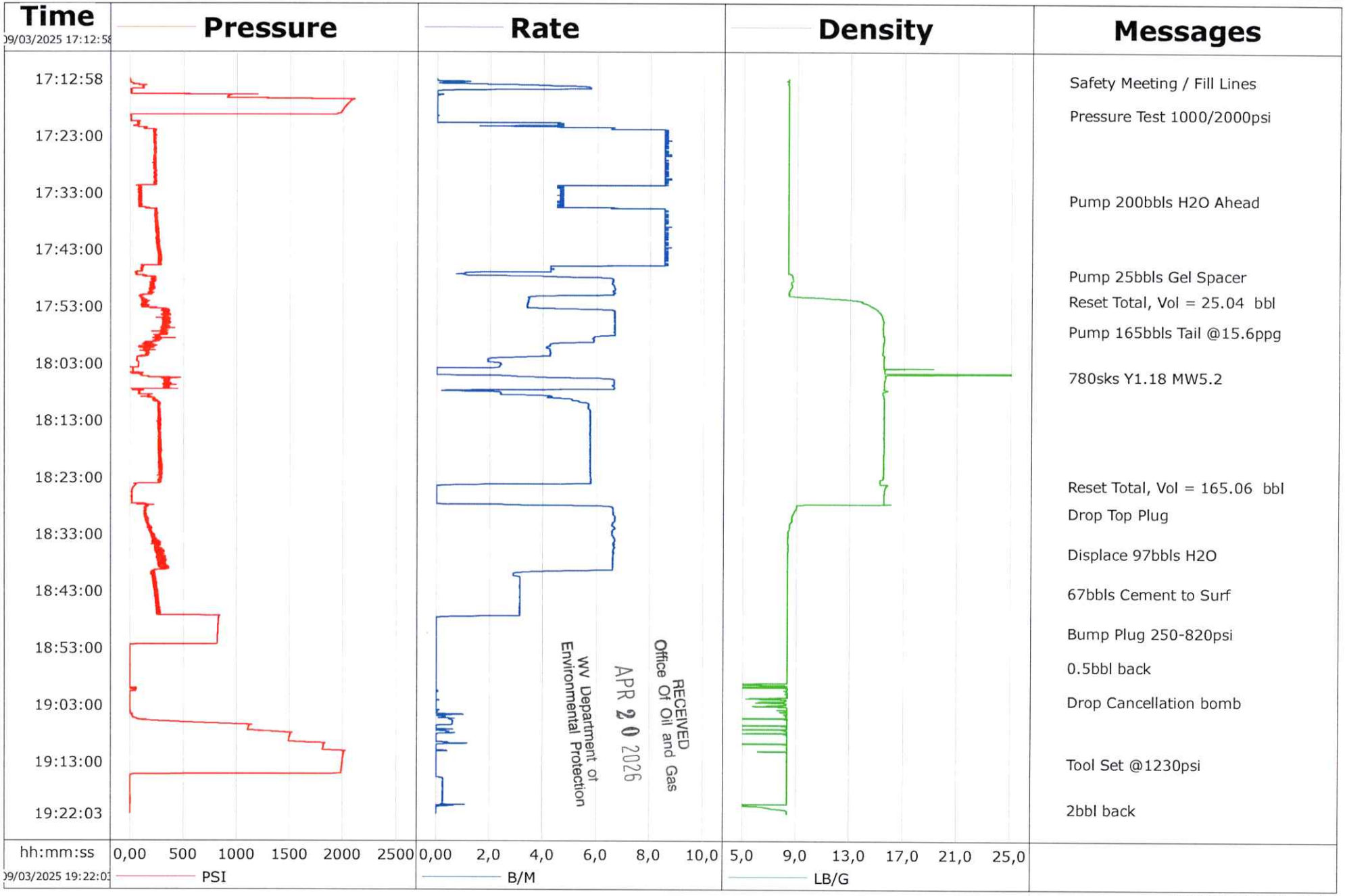
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Schlumberger

Cementing Job Report

CemCAT v1.8.1

Well	Charles Frye OHI 410H	**Client**	Expand Energy
Field	Marcellus	**SIR No.**	A.1071517.01.08
Engineer	Wyatt Hall	**Job Type**	13 3/8" Surface
Country	United States	**Job Date**	09-03-2025



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Schlumberger Cementing Service Report

Customer Expand Energy			**Job Number** A.1071517.01.08
Well Charles Frye OHI 410H 410H	**Location (legal)** Wheeling	**Schlumberger Location**	**Job Start** Sep/03/2025
Field Marcellus	**Formation Name/Type** Shale	**Deviation** 0 deg	**Bit Size** 17,0 in
County Ohio	**State/Pr** West Virginia	**Well MD** 670,0 ft	**Well TVD** 670,0 ft
Well Mast 0067462494	**API/U** 47-069-00378-00-00	**BHP** psi	**BHST** 67 degF
Rig Name EDC #501	**Drilled For** Oil & Gas	**Service Via** Land	**BHCT** 80 degF
Offshore Zone	**Well Class** New	**Well Type** Development	**Pore Press. Gradient** lb/gal
Drilling Fluid Type Air Mist	**Max. Density** lb/gal	**Plastic Viscosi** cP	
Service Line Cementing	**Job Type** 13 3/8" Surface		
Max. Allowed Tub. Pr psi	**Max. Allowed Ann. Pr** psi	**WH Connection** Single	

Service Instructions
CEMENTING 680' 13 3/8 54.5# CASING
SAFETY MEETING, FILL LINES, P TEST 1000/2000psi,
PUMP #bbls H2O AHEAD, PUMP 25bbls GEL SPACER, PUMP
165bbls TAIL @15.6ppg, 780sks Y1.19 MW5.25, DROP TOP
PLUG, DISPLACE 97bbls H2O, BUMP 250-820psi, 0.5bbls
BACK, 67bbls CEMENT TO SURF, CLOSE TOOL 1230psi,
2bbl back

Casing/Liner

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
126,0	20,0	94,0		
670,0	13,0	54,0		BUTT

Tubing/Drill Pipe

T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread

Perforations/Open Hole

Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval
ft	ft			ft
ft	ft			Diameter in
ft	ft			

Treat Down Casing	**Displacement** 97,0 bbl	**Packer Type**	**Packer Depth** 552,0 ft
Tubing Vol. bbl	**Casing Vol.** 105,0 bbl	**Annular Vol.** 91,0 bbl	**Openhole Vol.** 69,0 bbl

Casing/Tubing Secured X	**1 Hole Vol. Circulated prior to C** X	**Casing Tools**	**Squeeze Job**
Lift Pressure 250 psi		**Shoe Type** Float	**Squeeze Type**
Pipe Rotated ☐	**Pipe Reciprocated** ☐	**Shoe Depth** 680,0 ft	**Tool Type**
No. Centralizers	**Top Plugs** 1	**Bottom Plugs**	**Stage Tool Type** / **Tool Depth** ft
Cement Head Type Single		**Stage Tool Depth** ft	**Tail Pipe Size** in
Job Scheduled For Sep/03/2025 11:0	**Arrived on Location** Sep/03/2025 11:0	**Leave Location** Sep/03/2025 20	**Collar Type** Float / **Tail Pipe Depth** ft
		Collar Depth 634,0 ft	**Sqz. Total Vol.** bbl

Date	Time 24-hr clock	Pressure PSI	Rate B/M	Density LB/G	Volume BBL	Message
09/03/2025	17:12:58	2	0,0	8,34	0,0	Started Acquisition
09/03/2025	17:13:04	0	0,0	8,34	0,0	Safety Meeting / Fill Lines
09/03/2025	17:14:08	85	4,0	8,32	1,1	
09/03/2025	17:15:18	14	0,0	8,34	5,1	
09/03/2025	17:16:28	1714	0,0	8,33	5,1	
09/03/2025	17:17:38	2029	0,0	8,33	5,1	
09/03/2025	17:18:48	1983	0,0	8,33	5,1	
09/03/2025	17:19:04	1975	0,0	8,33	5,1	Pressure Test 1000/2000psi
09/03/2025	17:19:58	11	0,0	8,33	5,1	
09/03/2025	17:21:08	80	0,0	8,33	7,0	
09/03/2025	17:22:18	229	0,0	8,33	14,3	
09/03/2025	17:23:28	231	0,0	8,33	24,2	
09/03/2025	17:24:38	234	0,0	8,33	34,2	
09/03/2025	17:25:48	231	0,0	8,33	44,2	
09/03/2025	17:26:58	235	0,0	8,33	54,1	
09/03/2025	17:28:08	237	0,0	8,33	64,1	
09/03/2025	17:29:18	233	0,0	8,33	74,0	
09/03/2025	17:30:28	227	0,0	8,33	84,0	
09/03/2025	17:31:38	229	0,0	8,33	93,9	
09/03/2025	17:32:48	92	0,0	8,33	99,9	
09/03/2025	17:33:58	93	0,0	8,32	105,3	

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Well	Field	Job Start	Customer	Job Number
Charles Frye OHI 410H 410H	Marcellus	Sep/03/2025	Expand Energy	A.1071517.01.08

Date	Time 24-hr clock	Pressure PSI	Rate B/M	Density LB/G	Volume BBL	Message
09/03/2025	17:35:08	90	0,0	8,33	110,7	
09/03/2025	17:36:18	237	0,0	8,33	118,3	
09/03/2025	17:37:28	251	0,0	8,33	128,2	
09/03/2025	17:38:38	257	0,0	8,33	138,2	
09/03/2025	17:39:48	248	0,0	8,33	148,1	
09/03/2025	17:40:58	264	0,0	8,33	157,9	
09/03/2025	17:42:08	259	0,0	8,33	168,0	
09/03/2025	17:43:18	266	0,0	8,32	178,0	
09/03/2025	17:44:28	273	0,0	8,32	188,0	
09/03/2025	17:45:38	276	0,0	8,33	197,9	
09/03/2025	17:46:48	110	0,0	8,33	203,9	
09/03/2025	17:47:10	64	0,1	8,32	204,8	Pump 25bbls Gel Spacer
09/03/2025	17:47:58	223	6,3	8,68	207,0	
09/03/2025	17:49:08	198	6,6	8,61	214,7	
09/03/2025	17:50:18	205	6,6	8,43	222,4	
09/03/2025	17:51:28	110	3,4	11,00	229,1	
09/03/2025	17:51:41	123	3,5	12,40	229,8	Reset Total, Vol = 25.04 bbl
09/03/2025	17:52:38	109	3,4	14,36	233,1	
09/03/2025	17:53:48	344	6,7	15,10	238,2	
09/03/2025	17:54:58	315	6,7	15,39	245,9	
09/03/2025	17:57:04	310	6,7	15,42	259,9	Pump 165bbls Tail @15.6ppg
09/03/2025	17:57:18	313	6,7	15,43	261,5	
09/03/2025	17:58:28	273	5,9	15,51	269,0	
09/03/2025	17:59:38	140	4,3	15,47	275,4	
09/03/2025	18:00:48	155	4,2	15,42	280,3	
09/03/2025	18:01:58	67	2,5	15,49	285,1	
09/03/2025	18:03:08	81	2,4	15,47	287,5	
09/03/2025	18:04:18	28	0,0	15,55	289,1	
09/03/2025	18:05:04	102	1,8	15,60	289,1	780sks Y1.18 MW5.2
09/03/2025	18:05:28	178	4,1	15,60	290,3	
09/03/2025	18:06:38	340	6,6	15,52	297,7	
09/03/2025	18:07:48	26	0,3	15,77	304,6	
09/03/2025	18:08:58	187	4,3	15,48	307,9	
09/03/2025	18:10:08	276	5,7	15,51	313,8	
09/03/2025	18:11:18	262	5,7	15,51	320,4	
09/03/2025	18:12:28	270	5,7	15,50	327,1	
09/03/2025	18:13:38	270	5,7	15,52	333,8	
09/03/2025	18:14:48	264	5,7	15,50	340,5	
09/03/2025	18:15:58	281	5,8	15,50	347,2	
09/03/2025	18:17:08	279	5,7	15,50	353,9	
09/03/2025	18:18:18	286	5,7	15,51	360,6	
09/03/2025	18:19:28	276	5,7	15,48	367,3	
09/03/2025	18:20:38	277	5,8	15,47	374,0	
09/03/2025	18:21:48	285	5,7	15,48	380,7	
09/03/2025	18:22:58	279	5,8	15,46	387,5	
09/03/2025	18:24:08	281	5,8	15,22	394,2	
09/03/2025	18:24:17	57	1,9	15,79	394,9	Reset Total, Vol = 165.06 bbl
09/03/2025	18:25:18	21	0,0	15,56	395,1	
09/03/2025	18:26:28	18	0,0	15,52	395,1	
09/03/2025	18:27:38	21	0,0	15,52	395,1	
09/03/2025	18:28:48	136	6,6	8,88	400,9	
09/03/2025	18:29:04	132	6,6	8,81	402,7	Drop Top Plug
09/03/2025	18:29:58	149	6,7	8,64	408,6	
09/03/2025	18:31:08	167	6,6	8,49	416,4	

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Well	Field	Job Start	Customer	Job Number
Charles Frye OHI 410H 410H	Marcellus	Sep/03/2025	Expand Energy	A.1071517.01.08

Date	Time 24-hr clock	Pressure PSI	Rate B/M	Density LB/G	Volume BBL	Message
09/03/2025	18:33:28	225	6,6	8,35	431,8	
09/03/2025	18:34:38	212	6,6	8,35	439,6	
09/03/2025	18:35:48	302	6,6	8,35	447,3	
09/03/2025	18:36:04	265	6,6	8,35	449,1	Displace 97bbls H2O
09/03/2025	18:36:58	291	6,6	8,33	455,0	
09/03/2025	18:38:08	286	6,6	8,34	462,7	
09/03/2025	18:39:18	343	6,6	8,34	470,4	
09/03/2025	18:40:28	237	3,1	8,34	474,6	
09/03/2025	18:41:38	241	3,1	8,34	478,3	
09/03/2025	18:42:48	237	3,1	8,34	481,9	
09/03/2025	18:43:04	236	3,1	8,34	482,8	67bbls Cement to Surf
09/03/2025	18:43:58	236	3,1	8,34	485,6	
09/03/2025	18:45:08	274	3,1	8,34	489,3	
09/03/2025	18:46:18	262	3,1	8,34	492,9	
09/03/2025	18:47:28	834	0,9	8,34	496,5	
09/03/2025	18:48:38	825	0,0	8,34	496,6	
09/03/2025	18:49:48	821	0,0	8,34	496,6	
09/03/2025	18:50:04	820	0,0	8,34	496,6	Bump Plug 250-820psi
09/03/2025	18:50:58	818	0,0	8,34	496,6	
09/03/2025	18:52:08	815	0,0	8,34	496,6	
09/03/2025	18:53:18	1	0,0	8,34	496,6	
09/03/2025	18:54:28	1	0,0	8,34	496,6	
09/03/2025	18:55:38	1	0,0	8,34	496,6	
09/03/2025	18:56:04	5	0,0	8,34	496,6	0.5bbl back
09/03/2025	18:56:48	1	0,0	8,34	496,6	
09/03/2025	18:57:58	1	0,0	8,34	496,6	
09/03/2025	18:59:08	1	0,0	8,34	496,6	
09/03/2025	19:00:18	15	0,0	8,36	496,6	
09/03/2025	19:01:28	3	0,0	8,34	496,6	
09/03/2025	19:02:04	2	0,0	8,21	496,6	Drop Cancellation bomb
09/03/2025	19:02:38	2	0,0	7,61	496,6	
09/03/2025	19:03:48	2	0,0	8,33	496,6	
09/03/2025	19:04:58	24	0,1	8,26	496,8	
09/03/2025	19:06:08	561	0,6	8,34	497,3	
09/03/2025	19:07:18	1106	0,6	4,46	497,6	
09/03/2025	19:08:28	1501	0,0	8,34	497,9	
09/03/2025	19:09:38	1705	0,5	8,34	497,9	
09/03/2025	19:10:48	1813	0,0	8,34	498,1	
09/03/2025	19:11:58	2002	0,0	8,34	498,2	
09/03/2025	19:13:04	1994	0,0	8,34	498,2	Tool Set @1230psi
09/03/2025	19:13:08	1994	0,0	8,34	498,2	
09/03/2025	19:14:18	1986	0,0	8,34	498,2	
09/03/2025	19:15:28	7	0,0	8,34	498,2	
09/03/2025	19:16:38	3	0,3	8,34	498,4	
09/03/2025	19:17:48	3	0,3	8,34	498,7	
09/03/2025	19:18:58	4	0,3	8,34	499,0	
09/03/2025	19:20:08	5	0,2	8,34	499,3	
09/03/2025	19:21:04	3	0,0	6,92	499,5	2bbl back

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Well	Field	Job Start	Customer	Job Number
Charles Frye OHI 410H 410H	Marcellus	Sep/03/2025	Expand Energy	A.1071517.01.08

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
6,0			8,0	165,0		25,0	

Treating Pressure Summary, psi					Breakdown Fluid		
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
	-1		820			bbl	lb/gal

Avg. N2 Percent	Designed Slurry Volu	Displacement	Mix Water Temp		
%	165,0 bbl	97,0 bbl	75 degF	Cement Circulated to Surface?	X Volume 67,0 bbl
				Washed Thru Perfs	☐ To ft

Customer or Authorized Representativ	Schlumberger Supervisor		
Company Man	Wyatt Hall	Circulation Lost ☐	Job Completed X
		-	-

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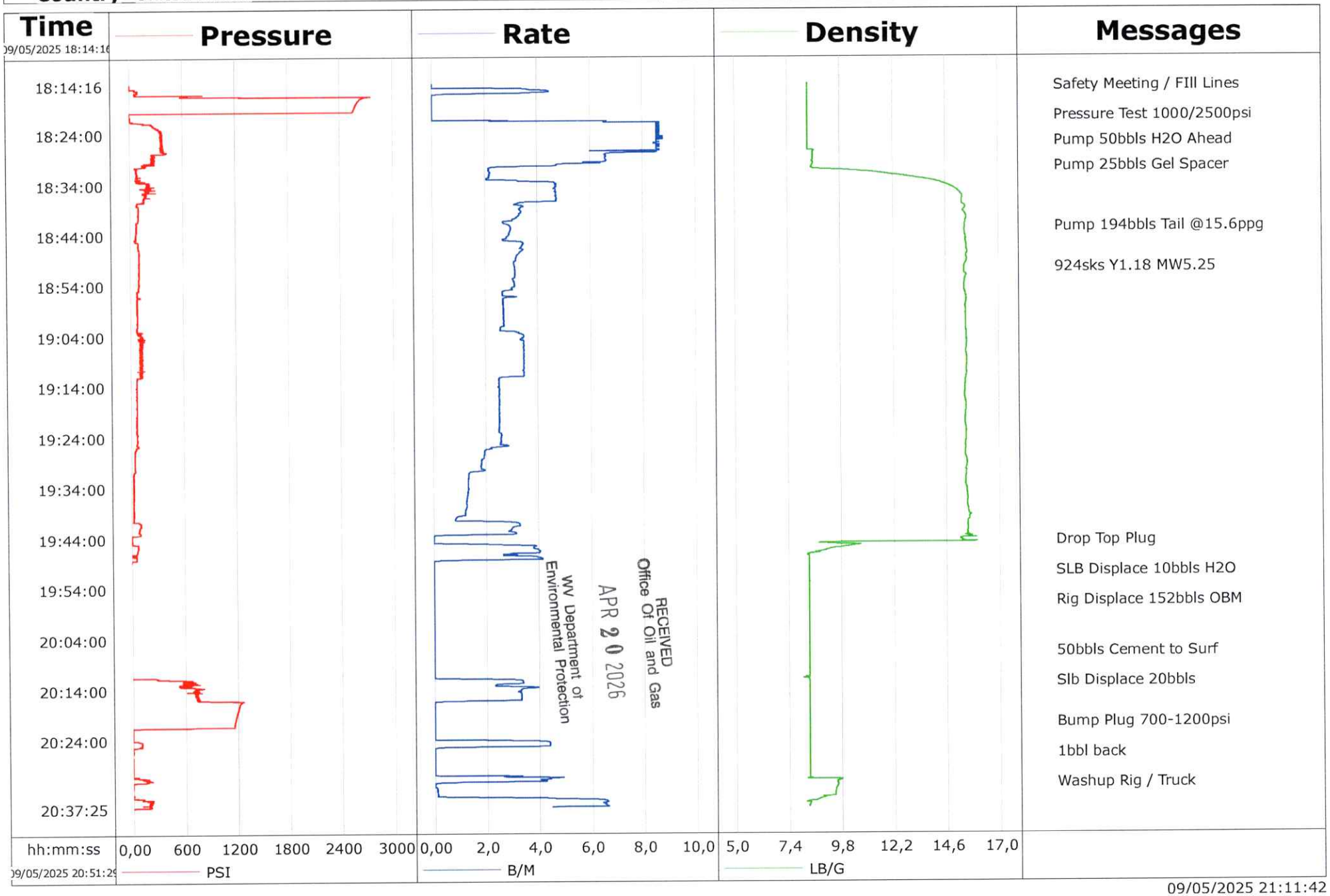
10/23/2026

Schlumberger

Cementing Job Report

CemCAT v1.8.1

Well	Charles Frye OHI 410H	**Client**	Expand Energy
Field	Marcellus	**SIR No.**	A.1071517.01.13
Engineer	Wyatt Hall	**Job Type**	9 5/8" Intermediate
Country	United States	**Job Date**	09-05-2025



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Schlumberger Cementing Service Report

Customer	Job Number
Expand Energy	A.1071517.01.13

Well	Location (legal)	Schlumberger Location	Job Start
Charles Frye OHI 410H 410H	Wheeling		Sep/05/2025

Field	Formation Name/Type	Deviation	Bit Size	Well MD	Well TVD
Marcellus	Shale	5 deg	12,0 in	2400,0 ft	2375,0 ft

County	State/Pr	BHP	BHST	BHCT	Pore Press. Gradient
Ohio	West Virginia	psi	82 degF	80 degF	lb/gal
Well Mast 0067462494	API/U 47-069-00378-00-00				

Rig Name	Drilled For	Service Via
EDC #501	Oil & Gas	Land

Offshore Zone	Well Class	Well Type
	New	Development

Drilling Fluid Type	Max. Density	Plastic Viscosi
OBM	12,00 lb/gal	cP

Service Line	Job Type
Cementing	9 5/8" Intermediate

Max. Allowed Tub. Pr	Max. Allowed Ann. Pr	WH Connection
psi	psi	Single

Casing/Liner

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
670,0	13,0	54,0		BUTT
2400,0	9,0	36,0		8RD

Tubing/Drill Pipe

T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread

Perforations/Open Hole

Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval
ft	ft			ft
ft	ft			Diameter
ft	ft			in

Service Instructions

CEMENTING 2400' 9 5/8 36# CASING
SAFETY MEETING, FILL LINES, P TEST 1000/2500psi,
PUMP 50bbls H2O AHEAD, PUMP 25bbls GEL SPACER,
PUMP 194bbls TAIL @15.6ppg, 924sks Y1.18 MW5.25,
DROP TOP PLUG, DISPLACE 10bbls H2O, RIG DISPLACE
152bbls OBM, SLB DISP 20bbls H2O, BUMP 700-1200psi,
1bbls BACK, 50bbls CEMENT TO SURF, WAHSUP RIG

Treat Down	Displacement	Packer Type	Packer Depth
Casing	182,0 bbl		0,0 ft

Tubing Vol.	Casing Vol.	Annular Vol.	Openhole Vol.
bbl	186,0 bbl	140,0 bbl	97,0 bbl

Casing/Tubing Secured	1 Hole Vol. Circulated prior to C	Lift Pressure	700 psi
X	X		

Pipe Rotated	Pipe Reciprocated
☐	☐

No. Centralizers	Top Plugs	Bottom Plugs
	1	

Cement Head Type	Single

Job Scheduled For	Arrived on Location	Leave Location
Sep/05/2025 15:0	Sep/05/2025 15:0	Sep/05/2025 21

Casing Tools

Shoe Type	Float
Shoe Depth	2400,0 f
Stage Tool Type	
Stage Tool Depth	ft
Collar Type	Float
Collar Depth	2355,0 f

Squeeze Job

Squeeze Type	
Tool Type	
Tool Depth	ft
Tail Pipe Size	in
Tail Pipe Depth	ft
Sqz. Total Vol.	bbl

Date	Time 24-hr clock	Pressure PSI	Rate B/M	Density LB/G	Volume BBL	Message
09/05/2025	18:14:42	-1	0,0	8,32	0,0	Started Acquisition
09/05/2025	18:15:52	64	4,4	8,33	3,0	
09/05/2025	18:17:02	2659	0,0	8,33	4,2	
09/05/2025	18:18:12	2588	0,0	8,33	4,2	
09/05/2025	18:19:22	2557	0,0	8,33	4,2	
09/05/2025	18:20:32	0	0,0	8,33	0,0	
09/05/2025	18:20:42	11	0,0	8,33	0,0	Pressure Test 1000/2500psi
09/05/2025	18:21:42	40	0,0	8,33	0,4	
09/05/2025	18:22:52	320	0,0	8,33	9,7	
09/05/2025	18:24:02	366	0,0	8,33	19,7	
09/05/2025	18:25:12	367	0,0	8,33	29,6	
09/05/2025	18:25:42	373	0,0	8,33	33,9	Pump 50bbls H2O Ahead
09/05/2025	18:26:22	371	0,0	8,33	39,6	
09/05/2025	18:27:32	384	3,6	8,54	0,1	
09/05/2025	18:28:42	266	6,6	8,55	8,5	
09/05/2025	18:29:52	234	5,7	8,55	16,1	
09/05/2025	18:30:42	64	2,7	8,51	20,3	Pump 25bbls Gel Spacer
09/05/2025	18:31:02	78	2,1	8,48	21,0	
09/05/2025	18:32:12	83	2,2	11,68	23,5	
09/05/2025	18:33:22	105	3,1	13,64	1,1	
09/05/2025	18:34:32	201	4,7	14,69	6,1	

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Well	Field	Job Start	Customer	Job Number
Charles Frye OHI 410H 410H	Marcellus	Sep/05/2025	Expand Energy	A.1071517.01.13

Date	Time 24-hr clock	Pressure PSI	Rate B/M	Density LB/G	Volume BBL	Message
09/05/2025	18:36:52	160	4,7	15,35	17,0	
09/05/2025	18:38:02	79	3,2	15,33	22,0	
09/05/2025	18:39:12	97	3,3	15,46	25,8	
09/05/2025	18:40:22	98	3,3	15,49	29,7	
09/05/2025	18:41:32	70	2,7	15,48	33,4	
09/05/2025	18:42:42	72	3,0	15,46	36,7	Pump 194bbls Tail @15.6ppg
09/05/2025	18:43:52	70	2,9	15,46	40,1	
09/05/2025	18:45:02	63	2,7	15,50	43,4	
09/05/2025	18:46:12	91	3,4	15,53	47,1	
09/05/2025	18:47:22	103	3,4	15,55	51,1	
09/05/2025	18:48:32	102	3,2	15,51	54,9	
09/05/2025	18:49:42	100	3,1	15,53	58,5	
09/05/2025	18:50:42	100	3,1	15,43	61,6	924sks Y1.18 MW5.25
09/05/2025	18:50:52	100	3,1	15,42	62,2	
09/05/2025	18:52:02	101	3,1	15,46	65,8	
09/05/2025	18:53:12	99	3,1	15,45	69,4	
09/05/2025	18:54:22	99	3,1	15,42	73,0	
09/05/2025	18:55:32	79	2,7	15,44	76,5	
09/05/2025	18:56:42	77	2,7	15,51	79,7	
09/05/2025	18:57:52	77	2,7	15,50	82,8	
09/05/2025	18:59:02	78	2,7	15,48	85,9	
09/05/2025	19:00:12	79	2,7	15,48	89,1	
09/05/2025	19:01:22	77	2,7	15,49	92,2	
09/05/2025	19:02:32	74	2,6	15,50	95,3	
09/05/2025	19:03:42	96	3,3	15,50	98,6	
09/05/2025	19:04:52	108	3,3	15,52	102,6	
09/05/2025	19:06:02	135	3,5	15,52	106,6	
09/05/2025	19:07:12	121	3,5	15,49	110,6	
09/05/2025	19:08:22	122	3,5	15,52	114,7	
09/05/2025	19:09:32	122	3,5	15,54	118,7	
09/05/2025	19:10:42	121	3,5	15,51	122,8	
09/05/2025	19:13:02	69	2,5	15,47	130,1	
09/05/2025	19:14:12	68	2,5	15,44	133,1	
09/05/2025	19:15:22	68	2,5	15,43	136,0	
09/05/2025	19:16:32	67	2,5	15,43	138,9	
09/05/2025	19:17:42	67	2,5	15,49	141,9	
09/05/2025	19:18:52	68	2,5	15,48	144,8	
09/05/2025	19:20:02	68	2,5	15,46	147,7	
09/05/2025	19:21:12	68	2,5	15,44	150,7	
09/05/2025	19:22:22	68	2,5	15,48	153,6	
09/05/2025	19:23:32	71	2,6	15,49	156,6	
09/05/2025	19:24:42	73	2,6	15,48	159,6	
09/05/2025	19:25:52	84	2,9	15,45	162,6	
09/05/2025	19:27:02	43	1,9	15,45	165,2	
09/05/2025	19:28:12	43	1,9	15,47	167,5	
09/05/2025	19:29:22	41	1,8	15,52	169,7	
09/05/2025	19:30:32	46	1,9	15,48	171,8	
09/05/2025	19:31:42	27	1,3	15,48	173,6	
09/05/2025	19:32:52	27	1,3	15,47	175,2	
09/05/2025	19:34:02	27	1,3	15,47	176,7	
09/05/2025	19:35:12	27	1,3	15,51	178,3	
09/05/2025	19:36:22	27	1,3	15,55	179,8	
09/05/2025	19:37:32	26	1,3	15,53	181,2	
09/05/2025	19:38:42	27	1,2	15,57	182,7	

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Well	Field	Job Start	Customer	Job Number
Charles Frye OHI 410H 410H	Marcellus	Sep/05/2025	Expand Energy	A.1071517.01.13

Date	Time 24-hr clock	Pressure PSI	Rate B/M	Density LB/G	Volume BBL	Message
09/05/2025	19:41:02	105	3,0	15,55	185,4	
09/05/2025	19:42:12	88	3,0	15,55	189,1	
09/05/2025	19:43:22	97	3,1	15,54	192,6	
09/05/2025	19:44:32	4	0,0	15,26	193,1	
09/05/2025	19:44:42	6	0,0	15,26	193,1	Drop Top Plug
09/05/2025	19:45:42	70	3,8	10,61	1,0	
09/05/2025	19:46:52	61	4,0	8,99	5,6	
09/05/2025	19:48:02	51	4,0	8,33	9,6	
09/05/2025	19:49:12	-7	0,0	8,33	11,7	
09/05/2025	19:50:22	-7	0,0	8,33	11,7	
09/05/2025	19:50:42	-9	0,0	8,33	11,7	SLB Displace 10bbls H2O
09/05/2025	19:51:32	-8	0,0	8,33	11,7	
09/05/2025	19:52:42	-9	0,0	8,34	11,7	
09/05/2025	19:53:52	-9	0,0	8,33	11,7	
09/05/2025	19:55:02	-9	0,0	8,33	11,7	
09/05/2025	19:56:12	-8	0,0	8,33	11,7	
09/05/2025	19:56:42	-7	0,0	8,33	11,7	Rig Displace 152bbls OBM
09/05/2025	19:57:22	-9	0,0	8,33	11,7	
09/05/2025	19:58:32	-8	0,0	8,33	11,7	
09/05/2025	19:59:42	-9	0,0	8,33	11,7	
09/05/2025	20:00:52	-7	0,0	8,33	11,7	
09/05/2025	20:02:02	-8	0,0	8,33	11,7	
09/05/2025	20:03:12	-8	0,0	8,33	11,7	
09/05/2025	20:04:22	-8	0,0	8,33	11,7	
09/05/2025	20:05:32	-8	0,0	8,33	11,7	
09/05/2025	20:06:42	-8	0,0	8,33	11,7	50bbls Cement to Surf
09/05/2025	20:07:52	-8	0,0	8,33	11,7	
09/05/2025	20:09:02	-8	0,0	8,33	0,0	
09/05/2025	20:10:12	-8	0,0	8,33	0,0	
09/05/2025	20:11:22	-8	0,0	8,33	0,0	
09/05/2025	20:12:32	681	3,4	8,32	1,4	
09/05/2025	20:12:42	648	3,4	8,33	2,0	Slb Displace 20bbls
09/05/2025	20:13:42	785	3,9	8,33	4,8	
09/05/2025	20:14:52	721	3,3	8,33	8,8	
09/05/2025	20:16:02	756	3,3	8,33	12,7	
09/05/2025	20:17:12	1211	0,0	8,33	14,0	
09/05/2025	20:18:22	1192	0,0	8,33	14,0	
09/05/2025	20:19:32	1173	0,0	8,33	14,0	
09/05/2025	20:20:42	1158	0,0	8,33	14,0	Bump Plug 700-1200psi
09/05/2025	20:21:52	-5	0,0	8,33	14,0	
09/05/2025	20:23:02	-2	0,0	8,33	14,0	
09/05/2025	20:24:12	58	1,9	8,33	0,1	
09/05/2025	20:25:22	96	4,4	8,33	4,8	
09/05/2025	20:26:32	0	0,0	8,33	5,6	
09/05/2025	20:26:42	-3	0,0	8,33	5,6	1bbl back
09/05/2025	20:27:42	-6	0,0	8,33	5,6	
09/05/2025	20:28:52	-6	0,0	8,33	5,6	
09/05/2025	20:30:02	-6	0,0	8,33	5,6	
09/05/2025	20:31:12	19	0,3	8,33	5,6	
09/05/2025	20:32:22	143	4,2	9,61	10,1	

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Well	Field	Job Start	Customer	Job Number
Charles Frye OHI 410H 410H	Marcellus	Sep/05/2025	Expand Energy	A.1071517.01.13

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
3,0			6,0	194,0		25,0	

Treating Pressure Summary, psi					Breakdown Fluid		
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
1200	0	50	1200			bbl	lb/gal

Avg. N2 Percent	Designed Slurry Volu	Displacement	Mix Water Temp	Cement Circulated to Surface	Volume
%	194,0 bbl	182,0 bbl	76 degF	☒	50,0 bbl
				Washed Thru Perfs ☐	To ft

Customer or Authorized Representative	Schlumberger Supervisor	Circulation Lost	Job Completed
Company Man	Wyatt Hall	-	-

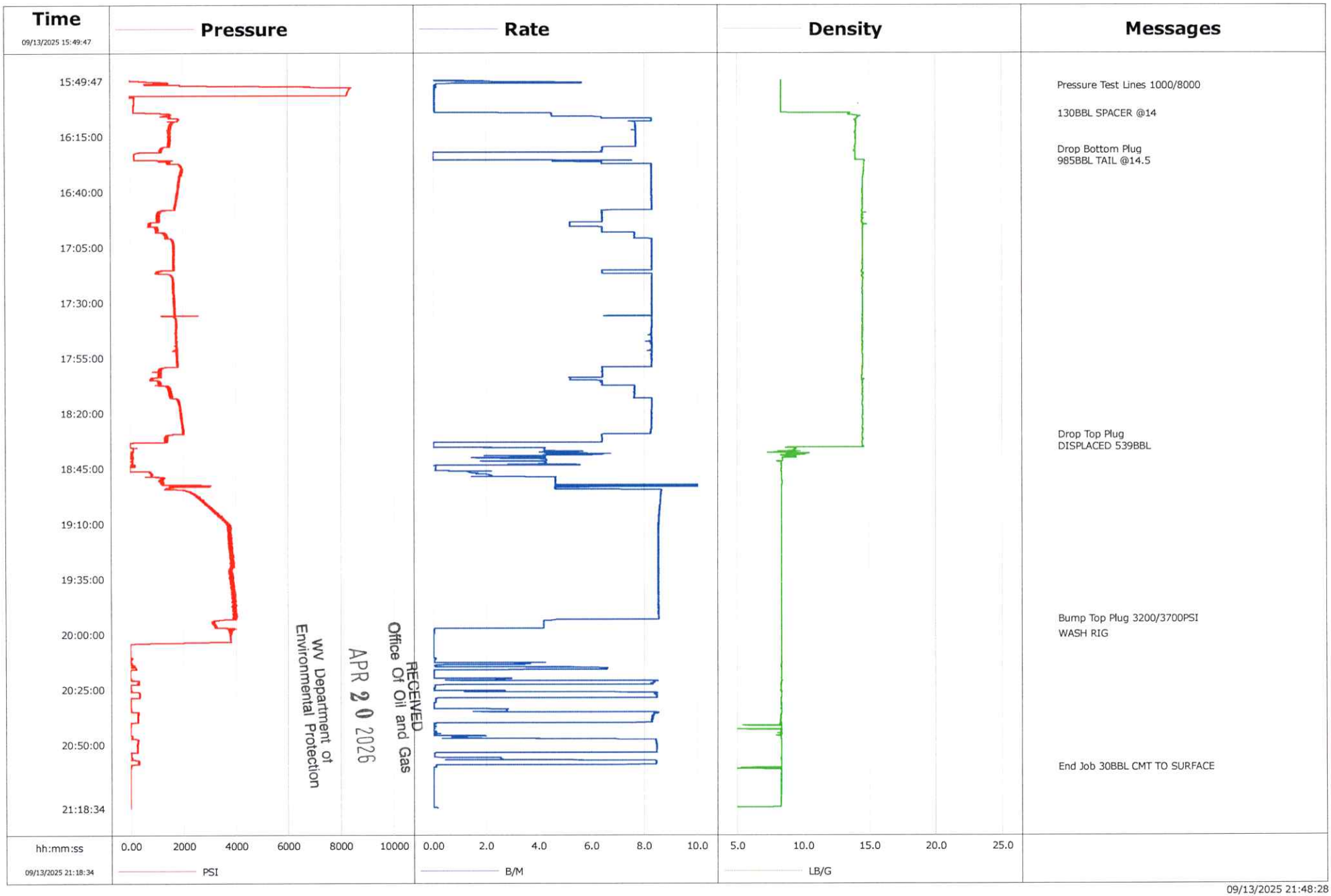
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Schlumberger

Cementing Job Report

CemCAT v1.8.1

Well	CHARLES FRYE OHI 410H	**Client**	EXPAND
Field		**SIR No.**	A.1071517.01.18
Engineer	CODY DUDRICK	**Job Type**	Cem Prod Casing
Country	United States	**Job Date**	09-13-2025



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Schlumberger

Cementing Service Report

Customer	Job Number
EXPAND	A.1071517.01.18

Well	Location (legal)	Schlumberger Location	Job Start
CHARLES FRYE OHI 410H 410H	DALLAS PIKE	SOH	Sep/13/2025

Field	Formation Name/Type	Deviation	Bit Size	Well MD	Well TVD
		deg	8.5 in	24317.0 ft	6758.0 ft

County	State/Province	BHP	BHST	BHCT	Pore Press. Gradient
OHIO	WV	psi	134 degF	134 degF	lb/gal

Well Master	API/UWI
0067462494	47-069-00378-00-00

Rig Name	Drilled For	Service Via
EDC #501	Gas	Land

Offshore Zone	Well Class	Well Type
	New	New Well Completion

Drilling Fluid Type	Max. Density	Plastic Viscosity
	lb/gal	cP

Service Line	Job Type
Cementing	Cem Prod Casing

Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection
psi	psi	Double Cement head

Service Instructions

FILL LINES 5BBL, PRESSURE TEST 1000/8000, 130BBL SPACER @14 DROP BOTTOM PLUG, 985BBL CMT @14.5, DROP TOP PLUG, DISPLACED 539BBL LAND PLUG 3200/3700 30BBL CMT TO SURFACE, BLED BACK 7BBL WASH RIG

Casing/Liner

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
24317.0	5.5	20.0		BUTT
0.0	0.0	0.0		

Tubing/Drill Pipe

T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread

Perforations/Open Hole

Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval
ft	ft			ft
ft	ft			Diameter
ft	ft			in

Treat Down	Displacement	Packer Type	Packer Depth
Casing	539.0 bbl		ft

Tubing Vol.	Casing Vol.	Annular Vol.	Openhole Vol.
bbl	539.0 bbl	1005.0 bbl	bbl

Casing/Tubing Secured	1 Hole Vol. Circulated prior to Cement
x	x

Lift Pressure	psi

Pipe Rotated	Pipe Reciprocated
☐	☐

No. Centralizers	Top Plugs	Bottom Plugs
	1	1

Cement Head Type
Double

Job Scheduled For	Arrived on Location	Leave Location
Sep/13/2025 10:00	Sep/13/2025 10:00	Sep/13/2025 22:00

Casing Tools		Squeeze Job	
Shoe Type	Float	Squeeze Type	
Shoe Depth	24317.0 ft	Tool Type	
Stage Tool Type		Tool Depth	ft
Stage Tool Depth	ft	Tail Pipe Size	in
Collar Type	Float	Tail Pipe Depth	ft
Collar Depth	24317.0 ft	Sqz. Total Vol.	bbl

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
09/13/2025	15:49:47	9	0.0	8.34	0.0	Started Acquisition
09/13/2025	15:50:17	416	1.2	8.34	0.4	
09/13/2025	15:50:47	1389	5.6	8.34	2.0	
09/13/2025	15:51:17	956	2.9	8.34	4.8	
09/13/2025	15:51:47	582	0.1	8.34	5.0	
09/13/2025	15:52:00	1909	0.1	8.34	5.0	Pressure Test Lines 1000/8000
09/13/2025	15:52:17	1940	0.1	8.34	5.0	
09/13/2025	15:52:47	6705	0.1	8.34	5.0	
09/13/2025	15:53:17	8365	0.1	8.34	5.1	
09/13/2025	15:53:47	8327	0.1	8.34	5.1	
09/13/2025	15:54:17	8300	0.1	8.34	5.1	
09/13/2025	15:54:47	8283	0.1	8.34	5.2	
09/13/2025	15:55:17	8265	0.1	8.34	5.2	
09/13/2025	15:55:47	8251	0.1	8.34	5.2	
09/13/2025	15:56:17	8236	0.1	8.34	5.2	
09/13/2025	15:56:47	8223	0.1	8.34	5.3	
09/13/2025	15:57:17	-1	0.1	8.34	5.3	
09/13/2025	15:57:47	191	0.1	8.34	5.3	
09/13/2025	15:58:17	177	0.1	8.34	5.4	
09/13/2025	15:58:47	173	0.1	8.34	5.4	
09/13/2025	15:59:17	171	0.1	8.34	5.4	

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Well	Field	Job Start	Customer	Job Number
CHARLES FRYE OHI 410H 410H		Sep/13/2025	EXPAND	A.1071517.01.18

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
09/13/2025	16:00:17	168	0.1	8.34	5.5	
09/13/2025	16:00:47	167	0.1	8.34	5.5	
09/13/2025	16:01:17	166	0.1	8.34	5.5	
09/13/2025	16:01:47	165	0.1	8.34	5.5	
09/13/2025	16:02:17	165	0.1	8.34	5.6	
09/13/2025	16:02:47	165	0.1	8.34	5.6	
09/13/2025	16:03:17	165	0.1	8.34	5.6	
09/13/2025	16:03:47	164	0.1	8.34	5.6	
09/13/2025	16:04:17	164	0.1	8.34	5.7	
09/13/2025	16:04:47	1116	4.4	13.58	6.4	
09/13/2025	16:05:00	1442	4.5	13.46	7.4	130BBL SPACER @14
09/13/2025	16:05:17	1454	4.5	13.42	8.6	
09/13/2025	16:05:47	1477	4.5	13.92	10.9	
09/13/2025	16:06:17	1242	4.5	14.13	13.1	
09/13/2025	16:06:47	1476	6.4	14.11	16.2	
09/13/2025	16:07:17	1859	8.2	14.05	19.7	
09/13/2025	16:07:47	1852	8.2	13.93	23.8	
09/13/2025	16:08:17	1792	8.3	13.99	28.0	
09/13/2025	16:08:47	1626	7.6	14.03	31.8	
09/13/2025	16:09:17	1611	7.6	14.00	35.7	
09/13/2025	16:09:47	1522	7.6	14.01	39.5	
09/13/2025	16:10:17	1539	7.7	14.01	43.4	
09/13/2025	16:10:47	1519	7.7	13.98	47.2	
09/13/2025	16:11:17	1499	7.7	14.00	51.0	
09/13/2025	16:11:47	1538	7.7	13.98	54.8	
09/13/2025	16:12:17	1543	7.7	13.98	58.7	
09/13/2025	16:12:47	1479	7.7	13.97	62.5	
09/13/2025	16:13:17	1552	7.7	13.95	66.3	
09/13/2025	16:13:47	1461	7.7	13.96	70.2	
09/13/2025	16:14:17	1462	7.7	13.97	74.0	
09/13/2025	16:14:47	1556	7.7	13.97	77.8	
09/13/2025	16:15:17	1518	7.7	13.98	81.5	
09/13/2025	16:15:47	1512	7.7	13.97	85.5	
09/13/2025	16:16:17	1501	7.7	13.96	89.3	
09/13/2025	16:16:47	1485	7.7	13.98	93.1	
09/13/2025	16:17:17	1530	7.7	13.98	97.0	
09/13/2025	16:17:47	1514	7.7	13.98	100.8	
09/13/2025	16:18:17	1499	7.7	13.98	104.6	
09/13/2025	16:18:47	1510	7.7	13.98	108.5	
09/13/2025	16:19:17	1454	7.7	13.95	112.3	
09/13/2025	16:19:47	1457	7.7	13.92	116.1	
09/13/2025	16:20:17	1264	6.4	13.94	119.7	
09/13/2025	16:20:47	1168	6.4	13.95	122.9	
09/13/2025	16:21:00	1148	6.4	13.95	124.3	Drop Bottom Plug
09/13/2025	16:21:17	1209	6.4	13.88	126.1	
09/13/2025	16:22:17	1166	6.4	13.95	132.5	
09/13/2025	16:22:47	266	0.0	13.95	133.3	
09/13/2025	16:23:17	178	0.0	13.95	133.3	
09/13/2025	16:23:47	172	0.0	13.95	133.3	
09/13/2025	16:24:17	173	0.0	13.95	133.3	
09/13/2025	16:24:47	176	0.0	13.95	133.3	
09/13/2025	16:25:00	177	0.0	13.95	133.3	985BBL TAIL @14.5
09/13/2025	16:25:17	178	0.0	14.00	133.3	
09/13/2025	16:25:47	181	0.0	13.96	133.3	

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Well	Field	Job Start	Customer	Job Number
CHARLES FRYE OHI 410H 410H		Sep/13/2025	EXPAND	A.1071517.01.18

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
09/13/2025	16:26:47	1517	6.3	14.60	137.3	
09/13/2025	16:27:17	1523	6.4	14.61	140.5	
09/13/2025	16:27:47	1848	8.2	14.62	143.9	
09/13/2025	16:28:47	1950	8.2	14.60	152.2	
09/13/2025	16:29:17	1965	8.2	14.60	156.3	
09/13/2025	16:29:47	1984	8.2	14.58	160.4	
09/13/2025	16:30:17	1982	8.2	14.60	164.5	
09/13/2025	16:30:47	1954	8.2	14.61	168.7	
09/13/2025	16:31:17	1950	8.2	14.59	172.8	
09/13/2025	16:31:47	1970	8.2	14.59	176.9	
09/13/2025	16:32:17	1932	8.2	14.58	181.0	
09/13/2025	16:32:47	1876	8.2	14.55	185.1	
09/13/2025	16:33:17	1894	8.2	14.54	189.3	
09/13/2025	16:33:47	1885	8.2	14.52	193.4	
09/13/2025	16:34:17	1860	8.2	14.51	197.5	
09/13/2025	16:34:47	1887	8.2	14.51	201.6	
09/13/2025	16:35:17	1884	8.2	14.50	205.8	
09/13/2025	16:35:47	1854	8.2	14.50	209.9	
09/13/2025	16:36:17	1857	8.2	14.49	214.0	
09/13/2025	16:36:47	1852	8.2	14.49	218.1	
09/13/2025	16:37:17	1863	8.2	14.49	222.2	
09/13/2025	16:37:47	1848	8.2	14.50	226.4	
09/13/2025	16:38:17	1842	8.2	14.50	230.5	
09/13/2025	16:38:47	1840	8.2	14.49	234.6	
09/13/2025	16:39:17	1817	8.2	14.48	238.7	
09/13/2025	16:39:47	1844	8.2	14.48	242.9	
09/13/2025	16:40:17	1839	8.2	14.49	247.0	
09/13/2025	16:40:47	1815	8.2	14.48	251.1	
09/13/2025	16:41:17	1795	8.3	14.49	255.2	
09/13/2025	16:41:47	1777	8.3	14.49	259.4	
09/13/2025	16:42:17	1790	8.2	14.49	263.5	
09/13/2025	16:42:47	1773	8.3	14.49	267.6	
09/13/2025	16:43:17	1773	8.3	14.48	271.8	
09/13/2025	16:43:47	1768	8.3	14.49	275.9	
09/13/2025	16:44:17	1762	8.2	14.48	280.0	
09/13/2025	16:44:47	1760	8.3	14.48	284.1	
09/13/2025	16:45:17	1721	8.2	14.49	288.3	
09/13/2025	16:45:47	1727	8.2	14.49	292.4	
09/13/2025	16:46:17	1736	8.3	14.48	296.5	
09/13/2025	16:46:47	1725	8.2	14.50	300.7	
09/13/2025	16:47:17	1711	8.3	14.50	304.8	
09/13/2025	16:47:47	1689	8.3	14.50	308.9	
09/13/2025	16:48:17	1696	8.3	14.49	313.0	
09/13/2025	16:48:47	1229	6.4	14.44	316.8	
09/13/2025	16:49:17	1161	6.4	14.45	320.0	
09/13/2025	16:49:47	1060	6.4	14.71	323.2	
09/13/2025	16:50:17	1057	6.4	14.48	326.4	
09/13/2025	16:50:47	1086	6.4	14.45	329.6	
09/13/2025	16:51:17	1057	6.4	14.53	332.8	
09/13/2025	16:51:47	1111	6.4	14.46	336.0	
09/13/2025	16:52:17	1125	6.4	14.56	339.2	
09/13/2025	16:52:47	1045	6.4	14.51	342.4	
09/13/2025	16:53:17	1091	6.4	14.44	345.6	
09/13/2025	16:53:47	1049	6.4	14.45	348.8	

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Well	Field	Job Start	Customer	Job Number
CHARLES FRYE OHI 410H 410H		Sep/13/2025	EXPAND	A.1071517.01.18

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
09/13/2025	16:54:47	776	5.2	14.57	354.2	
09/13/2025	16:55:17	773	5.2	14.49	356.7	
09/13/2025	16:55:47	778	5.2	14.49	359.3	
09/13/2025	16:56:17	970	6.4	14.51	362.2	
09/13/2025	16:56:47	983	6.4	14.49	365.4	
09/13/2025	16:57:17	1059	6.4	14.51	368.5	
09/13/2025	16:57:47	999	6.4	14.49	371.7	
09/13/2025	16:58:17	1076	6.4	14.50	374.9	
09/13/2025	16:58:47	1330	7.6	14.52	378.3	
09/13/2025	16:59:17	1318	7.6	14.50	382.1	
09/13/2025	16:59:47	1310	7.6	14.49	385.9	
09/13/2025	17:00:17	1437	7.6	14.50	389.7	
09/13/2025	17:00:47	1366	7.6	14.50	393.5	
09/13/2025	17:01:17	1435	7.6	14.50	397.3	
09/13/2025	17:01:47	1572	8.3	14.50	401.3	
09/13/2025	17:02:17	1608	8.3	14.50	405.5	
09/13/2025	17:02:47	1645	8.3	14.50	409.6	
09/13/2025	17:03:17	1661	8.3	14.50	413.7	
09/13/2025	17:03:47	1648	8.3	14.50	417.9	
09/13/2025	17:04:17	1662	8.3	14.50	422.0	
09/13/2025	17:04:47	1685	8.3	14.51	426.1	
09/13/2025	17:05:17	1675	8.3	14.49	430.2	
09/13/2025	17:05:47	1675	8.3	14.49	434.4	
09/13/2025	17:06:17	1665	8.3	14.50	438.4	
09/13/2025	17:06:47	1652	8.3	14.49	442.6	
09/13/2025	17:07:17	1660	8.3	14.49	446.8	
09/13/2025	17:07:47	1666	8.3	14.49	450.9	
09/13/2025	17:08:17	1664	8.3	14.49	455.0	
09/13/2025	17:08:47	1650	8.3	14.50	459.2	
09/13/2025	17:09:17	1676	8.3	14.50	463.3	
09/13/2025	17:09:47	1674	8.3	14.51	467.4	
09/13/2025	17:10:17	1671	8.3	14.51	471.5	
09/13/2025	17:10:47	1672	8.3	14.50	475.7	
09/13/2025	17:11:17	1635	8.3	14.48	479.8	
09/13/2025	17:11:47	1650	8.3	14.50	483.9	
09/13/2025	17:12:17	1651	8.2	14.49	488.1	
09/13/2025	17:13:17	1655	8.3	14.49	496.3	
09/13/2025	17:13:47	1685	8.2	14.50	500.4	
09/13/2025	17:14:17	1690	8.3	14.49	504.6	
09/13/2025	17:14:47	1651	8.3	14.50	508.7	
09/13/2025	17:15:17	1655	8.3	14.49	512.8	
09/13/2025	17:15:47	1180	6.4	14.47	516.9	
09/13/2025	17:16:17	1044	6.4	14.44	520.1	
09/13/2025	17:16:47	1025	6.4	14.50	523.3	
09/13/2025	17:17:17	1455	8.3	14.52	526.6	
09/13/2025	17:17:47	1536	8.3	14.50	530.8	
09/13/2025	17:18:17	1586	8.3	14.43	534.9	
09/13/2025	17:18:47	1619	8.3	14.51	539.0	
09/13/2025	17:19:47	1607	8.3	14.54	547.3	
09/13/2025	17:20:17	1653	8.3	14.52	551.4	
09/13/2025	17:20:47	1643	8.3	14.51	555.6	
09/13/2025	17:21:17	1654	8.3	14.50	559.7	
09/13/2025	17:21:47	1661	8.3	14.50	563.8	
09/13/2025	17:22:17	1632	8.3	14.50	568.0	

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Well	Field	Job Start	Customer	Job Number
CHARLES FRYE OHI 410H 410H		Sep/13/2025	EXPAND	A.1071517.01.18

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
09/13/2025	17:23:17	1648	8.3	14.49	576.2	
09/13/2025	17:23:47	1649	8.3	14.48	580.4	
09/13/2025	17:24:17	1629	8.3	14.48	584.5	
09/13/2025	17:24:47	1625	8.3	14.49	588.6	
09/13/2025	17:25:17	1663	8.3	14.49	592.7	
09/13/2025	17:25:47	1644	8.3	14.48	596.9	
09/13/2025	17:26:17	1657	8.3	14.49	601.0	
09/13/2025	17:26:47	1682	8.3	14.50	605.1	
09/13/2025	17:27:17	1676	8.3	14.50	609.3	
09/13/2025	17:27:47	1675	8.3	14.49	613.4	
09/13/2025	17:28:17	1671	8.2	14.49	617.5	
09/13/2025	17:28:47	1663	8.3	14.49	621.7	
09/13/2025	17:29:17	1669	8.2	14.49	625.8	
09/13/2025	17:29:47	1678	8.3	14.49	629.9	
09/13/2025	17:30:17	1680	8.3	14.50	634.1	
09/13/2025	17:30:47	1674	8.3	14.50	638.2	
09/13/2025	17:31:17	1683	8.3	14.51	642.3	
09/13/2025	17:31:47	1715	8.3	14.51	646.4	
09/13/2025	17:32:17	1695	8.3	14.50	650.6	
09/13/2025	17:32:47	1699	8.3	14.50	654.7	
09/13/2025	17:33:17	1674	8.3	14.50	658.8	
09/13/2025	17:33:47	1678	8.3	14.50	663.0	
09/13/2025	17:34:17	1683	8.3	14.49	667.1	
09/13/2025	17:34:47	1695	8.3	14.49	671.2	
09/13/2025	17:35:17	1704	8.3	14.50	675.3	
09/13/2025	17:35:47	1695	8.3	14.49	679.5	
09/13/2025	17:36:17	2598	8.2	14.49	683.6	
09/13/2025	17:36:47	1681	8.3	14.49	687.6	
09/13/2025	17:37:17	1727	8.3	14.50	691.7	
09/13/2025	17:37:47	1741	8.3	14.49	695.9	
09/13/2025	17:38:17	1758	8.3	14.49	700.0	
09/13/2025	17:38:47	1750	8.2	14.49	704.1	
09/13/2025	17:39:17	1742	8.3	14.49	708.2	
09/13/2025	17:39:47	1770	8.3	14.49	712.4	
09/13/2025	17:40:17	1770	8.3	14.49	716.5	
09/13/2025	17:40:47	1769	8.3	14.49	720.6	
09/13/2025	17:41:17	1768	8.3	14.49	724.8	
09/13/2025	17:41:47	1773	8.3	14.51	728.9	
09/13/2025	17:42:17	1761	8.3	14.47	733.0	
09/13/2025	17:42:47	1749	8.2	14.50	737.1	
09/13/2025	17:43:17	1763	8.2	14.47	741.3	
09/13/2025	17:43:47	1747	8.2	14.49	745.4	
09/13/2025	17:44:17	1732	8.2	14.49	749.5	
09/13/2025	17:44:47	1751	8.2	14.49	753.6	
09/13/2025	17:45:17	1740	8.2	14.48	757.7	
09/13/2025	17:45:47	1752	8.3	14.49	761.9	
09/13/2025	17:46:17	1763	8.3	14.48	766.0	
09/13/2025	17:46:47	1754	8.3	14.47	770.1	
09/13/2025	17:47:17	1762	8.3	14.48	774.2	
09/13/2025	17:47:47	1752	8.3	14.48	778.4	
09/13/2025	17:48:17	1738	8.2	14.49	782.5	
09/13/2025	17:48:47	1750	8.2	14.49	786.6	
09/13/2025	17:49:17	1756	8.3	14.49	790.7	
09/13/2025	17:49:47	1757	8.3	14.48	794.8	

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Well	Field	Job Start	Customer	Job Number
CHARLES FRYE OHI 410H 410H		Sep/13/2025	EXPAND	A.1071517.01.18

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
09/13/2025	17:50:47	1766	8.3	14.49	803.1	
09/13/2025	17:51:17	1791	8.3	14.48	807.2	
09/13/2025	17:51:47	1771	8.3	14.49	811.4	
09/13/2025	17:52:17	1760	8.3	14.46	815.5	
09/13/2025	17:52:47	1749	8.3	14.46	819.6	
09/13/2025	17:53:17	1766	8.2	14.48	823.7	
09/13/2025	17:53:47	1744	8.2	14.49	827.9	
09/13/2025	17:54:17	1778	8.3	14.49	832.0	
09/13/2025	17:54:47	1786	8.2	14.51	836.1	
09/13/2025	17:55:17	1774	8.2	14.50	840.2	
09/13/2025	17:55:47	1801	8.3	14.50	844.4	
09/13/2025	17:56:17	1798	8.2	14.49	848.5	
09/13/2025	17:56:47	1779	8.2	14.49	852.6	
09/13/2025	17:57:17	1787	8.3	14.49	856.6	
09/13/2025	17:57:47	1797	8.2	14.50	860.9	
09/13/2025	17:58:17	1803	8.3	14.50	865.0	
09/13/2025	17:58:47	1787	8.2	14.49	869.1	
09/13/2025	17:59:17	1823	8.3	14.48	873.2	
09/13/2025	17:59:47	1267	6.4	14.49	876.8	
09/13/2025	18:00:17	1106	6.4	14.48	880.0	
09/13/2025	18:00:47	1110	6.4	14.48	883.2	
09/13/2025	18:01:17	1113	6.4	14.48	886.4	
09/13/2025	18:01:47	1081	6.4	14.48	889.6	
09/13/2025	18:02:17	1184	6.4	14.45	892.8	
09/13/2025	18:02:47	1151	6.4	14.47	896.0	
09/13/2025	18:03:17	1110	6.4	14.44	899.2	
09/13/2025	18:03:47	1106	6.4	14.43	902.3	
09/13/2025	18:04:17	869	5.3	14.44	905.6	
09/13/2025	18:04:47	813	5.2	14.44	908.2	
09/13/2025	18:05:17	802	5.2	14.47	910.8	
09/13/2025	18:05:47	1074	6.4	14.49	913.7	
09/13/2025	18:06:17	1061	6.4	14.48	916.8	
09/13/2025	18:06:47	1173	6.4	14.49	920.0	
09/13/2025	18:07:17	1159	6.4	14.48	923.2	
09/13/2025	18:07:47	1144	6.4	14.47	926.4	
09/13/2025	18:08:17	1457	7.6	14.49	930.1	
09/13/2025	18:08:47	1426	7.6	14.50	933.9	
09/13/2025	18:09:17	1474	7.6	14.50	937.7	
09/13/2025	18:09:47	1509	7.6	14.47	941.5	
09/13/2025	18:10:47	1538	7.6	14.49	949.1	
09/13/2025	18:11:17	1496	7.6	14.48	952.9	
09/13/2025	18:11:47	1529	7.6	14.45	956.7	
09/13/2025	18:12:17	1557	7.6	14.49	960.5	
09/13/2025	18:12:47	1526	7.6	14.50	964.3	
09/13/2025	18:13:17	1599	7.6	14.49	968.1	
09/13/2025	18:13:47	1778	8.3	14.50	972.1	
09/13/2025	18:14:17	1816	8.3	14.50	976.2	
09/13/2025	18:14:47	1834	8.3	14.49	980.3	
09/13/2025	18:15:17	1854	8.3	14.48	984.4	
09/13/2025	18:15:47	1846	8.3	14.47	988.6	
09/13/2025	18:16:17	1873	8.3	14.47	992.7	
09/13/2025	18:17:17	1874	8.3	14.50	1001.0	
09/13/2025	18:17:47	1915	8.3	14.50	1005.1	
09/13/2025	18:18:17	1918	8.3	14.50	1009.2	

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Well	Field	Job Start	Customer	Job Number
CHARLES FRYE OHI 410H 410H		Sep/13/2025	EXPAND	A.1071517.01.18

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
09/13/2025	18:19:17	1910	8.2	14.49	1017.5	
09/13/2025	18:19:47	1908	8.2	14.49	1021.6	
09/13/2025	18:20:17	1925	8.2	14.49	1025.7	
09/13/2025	18:20:47	1927	8.3	14.49	1029.9	
09/13/2025	18:21:17	1941	8.3	14.49	1034.0	
09/13/2025	18:21:47	1953	8.3	14.48	1038.1	
09/13/2025	18:22:17	1950	8.2	14.48	1042.2	
09/13/2025	18:22:47	1959	8.2	14.49	1046.4	
09/13/2025	18:23:17	1920	8.3	14.49	1050.5	
09/13/2025	18:23:47	1947	8.2	14.50	1054.6	
09/13/2025	18:24:17	1962	8.2	14.51	1058.7	
09/13/2025	18:24:47	1972	8.2	14.51	1062.9	
09/13/2025	18:25:17	1976	8.3	14.50	1067.0	
09/13/2025	18:25:47	1972	8.2	14.49	1071.1	
09/13/2025	18:26:17	2010	8.2	14.48	1075.2	
09/13/2025	18:26:47	2020	8.2	14.47	1079.3	
09/13/2025	18:27:17	2014	8.2	14.48	1083.5	
09/13/2025	18:27:47	2025	8.2	14.53	1087.6	
09/13/2025	18:28:17	2004	8.2	14.52	1091.7	
09/13/2025	18:28:47	2018	8.2	14.49	1095.8	
09/13/2025	18:29:17	2008	8.2	14.48	1099.9	
09/13/2025	18:29:47	1619	7.6	14.48	1104.0	
09/13/2025	18:30:00	1481	6.4	14.48	1105.5	Drop Top Plug
09/13/2025	18:30:17	1438	6.4	14.48	1107.3	
09/13/2025	18:30:47	1375	6.4	14.47	1110.5	
09/13/2025	18:31:17	1412	6.4	14.45	1113.6	
09/13/2025	18:31:47	1312	6.4	14.49	1116.8	
09/13/2025	18:32:17	1341	6.4	14.50	1120.0	
09/13/2025	18:32:47	1384	6.4	14.45	1123.2	
09/13/2025	18:33:00	1352	6.4	14.45	1124.6	DISPLACED 539BBL
09/13/2025	18:33:17	1327	6.4	14.44	1126.4	
09/13/2025	18:33:47	15	0.0	14.46	1127.7	
09/13/2025	18:34:17	15	0.0	14.46	1127.7	
09/13/2025	18:34:47	15	0.0	14.46	1127.7	
09/13/2025	18:35:17	14	0.0	14.52	1127.7	
09/13/2025	18:35:47	76	2.2	9.41	1127.8	
09/13/2025	18:36:17	119	4.2	9.43	1129.7	
09/13/2025	18:36:47	122	4.2	9.35	1131.8	
09/13/2025	18:37:17	106	4.3	9.01	1133.9	
09/13/2025	18:37:47	107	4.2	9.46	1136.1	
09/13/2025	18:38:17	75	5.0	9.93	1138.5	
09/13/2025	18:38:47	56	6.4	9.51	1140.9	
09/13/2025	18:39:17	94	4.2	8.39	1143.5	
09/13/2025	18:39:47	101	4.2	9.45	1145.4	
09/13/2025	18:40:17	114	4.2	9.38	1147.5	
09/13/2025	18:40:47	49	2.7	8.46	1148.8	
09/13/2025	18:41:17	97	4.3	8.45	1150.7	
09/13/2025	18:41:47	97	4.3	8.45	1152.9	
09/13/2025	18:42:17	92	4.2	8.22	1154.6	
09/13/2025	18:42:47	95	4.2	8.37	1156.7	
09/13/2025	18:43:17	92	4.3	8.34	1158.8	
09/13/2025	18:43:47	153	5.5	8.36	1161.0	
09/13/2025	18:44:17	184	0.1	8.36	1161.8	
09/13/2025	18:44:47	-8	0.1	8.36	1161.8	

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Well	Field	Job Start	Customer	Job Number
CHARLES FRYE OHI 410H 410H		Sep/13/2025	EXPAND	A.1071517.01.18

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
09/13/2025	18:45:47	-3	0.1	8.36	1161.9	
09/13/2025	18:46:17	-3	0.1	8.35	1162.0	
09/13/2025	18:46:47	762	1.3	8.36	1162.5	
09/13/2025	18:47:17	767	1.4	8.39	1163.2	
09/13/2025	18:47:47	836	1.6	8.39	1164.0	
09/13/2025	18:48:17	819	2.1	8.39	1164.9	
09/13/2025	18:48:47	813	2.2	8.39	1166.0	
09/13/2025	18:49:17	1157	4.6	8.39	1167.6	
09/13/2025	18:49:47	1245	4.6	8.39	1169.9	
09/13/2025	18:50:17	1109	4.6	8.39	1172.2	
09/13/2025	18:50:47	1120	4.6	8.40	1174.5	
09/13/2025	18:51:17	1186	4.6	8.40	1176.8	
09/13/2025	18:51:47	1166	4.6	8.40	1179.1	
09/13/2025	18:52:17	1220	4.6	8.40	1181.4	
09/13/2025	18:52:47	1920	7.6	8.40	1183.8	
09/13/2025	18:53:17	1666	4.6	8.37	1189.1	
09/13/2025	18:53:47	1612	4.7	8.37	1193.1	
09/13/2025	18:54:17	1374	4.6	8.37	1195.4	
09/13/2025	18:54:47	1560	5.6	8.37	1197.7	
09/13/2025	18:55:17	2125	8.6	8.37	1201.8	
09/13/2025	18:55:47	2248	8.6	8.36	1206.1	
09/13/2025	18:56:17	2346	8.6	8.36	1210.4	
09/13/2025	18:56:47	2443	8.6	8.36	1214.7	
09/13/2025	18:57:17	2443	8.6	8.37	1219.0	
09/13/2025	18:57:47	2595	8.6	8.37	1223.3	
09/13/2025	18:58:17	2568	8.6	8.37	1227.6	
09/13/2025	18:58:47	2576	8.6	8.37	1231.9	
09/13/2025	18:59:17	2657	8.6	8.37	1236.2	
09/13/2025	18:59:47	2700	8.6	8.37	1240.5	
09/13/2025	19:00:17	2726	8.6	8.37	1244.8	
09/13/2025	19:00:47	2831	8.6	8.36	1249.1	
09/13/2025	19:01:17	2816	8.6	8.36	1253.2	
09/13/2025	19:01:47	2899	8.6	8.36	1257.7	
09/13/2025	19:02:17	3018	8.6	8.36	1261.9	
09/13/2025	19:02:47	2984	8.6	8.37	1266.2	
09/13/2025	19:03:17	3099	8.6	8.37	1270.5	
09/13/2025	19:03:47	3124	8.5	8.37	1274.8	
09/13/2025	19:04:17	3144	8.5	8.37	1279.0	
09/13/2025	19:04:47	3243	8.5	8.37	1283.3	
09/13/2025	19:05:17	3212	8.5	8.37	1287.6	
09/13/2025	19:05:47	3299	8.5	8.36	1291.9	
09/13/2025	19:06:17	3329	8.5	8.36	1296.1	
09/13/2025	19:06:47	3393	8.5	8.36	1300.4	
09/13/2025	19:07:17	3436	8.5	8.36	1304.6	
09/13/2025	19:08:17	3491	8.5	8.36	1313.2	
09/13/2025	19:08:47	3610	8.5	8.37	1317.4	
09/13/2025	19:09:17	3676	8.5	8.37	1321.7	
09/13/2025	19:09:47	3687	8.5	8.37	1326.0	
09/13/2025	19:10:17	3743	8.5	8.37	1330.2	
09/13/2025	19:10:47	3739	8.5	8.36	1334.5	
09/13/2025	19:11:17	3735	8.5	8.37	1338.7	
09/13/2025	19:11:47	3777	8.5	8.36	1343.0	
09/13/2025	19:12:17	3742	8.5	8.37	1347.2	
09/13/2025	19:12:47	3729	8.5	8.37	1351.5	

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Well	Field	Job Start	Customer	Job Number
CHARLES FRYE OHI 410H 410H		Sep/13/2025	EXPAND	A.1071517.01.18

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
09/13/2025	19:13:47	3690	8.5	8.37	1360.0	
09/13/2025	19:14:17	3754	8.5	8.36	1364.2	
09/13/2025	19:14:47	3731	8.5	8.37	1368.5	
09/13/2025	19:15:17	3756	8.5	8.36	1372.8	
09/13/2025	19:15:47	3771	8.5	8.36	1377.0	
09/13/2025	19:16:17	3766	8.5	8.37	1381.3	
09/13/2025	19:16:47	3753	8.5	8.36	1385.5	
09/13/2025	19:17:17	3814	8.5	8.37	1389.8	
09/13/2025	19:17:47	3769	8.5	8.37	1394.0	
09/13/2025	19:18:17	3824	8.5	8.37	1398.3	
09/13/2025	19:18:47	3785	8.5	8.37	1402.5	
09/13/2025	19:19:17	3765	8.5	8.37	1406.8	
09/13/2025	19:19:47	3771	8.5	8.37	1411.0	
09/13/2025	19:20:17	3769	8.5	8.36	1415.3	
09/13/2025	19:20:47	3798	8.5	8.36	1419.5	
09/13/2025	19:21:17	3787	8.5	8.37	1423.8	
09/13/2025	19:21:47	3816	8.5	8.36	1428.0	
09/13/2025	19:22:17	3779	8.5	8.37	1432.3	
09/13/2025	19:22:47	3858	8.5	8.36	1436.6	
09/13/2025	19:23:17	3823	8.5	8.36	1440.8	
09/13/2025	19:23:47	3824	8.5	8.36	1445.1	
09/13/2025	19:24:17	3886	8.5	8.36	1449.3	
09/13/2025	19:24:47	3783	8.5	8.36	1453.6	
09/13/2025	19:25:17	3872	8.5	8.36	1457.8	
09/13/2025	19:25:47	3804	8.5	8.36	1462.1	
09/13/2025	19:26:17	3842	8.5	8.36	1466.3	
09/13/2025	19:26:47	3833	8.5	8.36	1470.6	
09/13/2025	19:27:17	3789	8.5	8.36	1474.8	
09/13/2025	19:27:47	3832	8.5	8.36	1479.1	
09/13/2025	19:28:17	3885	8.5	8.36	1483.3	
09/13/2025	19:28:47	3877	8.5	8.36	1487.6	
09/13/2025	19:29:17	3913	8.5	8.36	1491.8	
09/13/2025	19:29:47	3866	8.5	8.36	1496.1	
09/13/2025	19:30:17	3820	8.5	8.36	1500.3	
09/13/2025	19:30:47	3747	8.5	8.36	1504.6	
09/13/2025	19:31:17	3812	8.5	8.36	1508.9	
09/13/2025	19:31:47	3753	8.5	8.36	1513.1	
09/13/2025	19:32:17	3837	8.5	8.36	1517.4	
09/13/2025	19:32:47	3867	8.5	8.36	1521.6	
09/13/2025	19:33:17	3820	8.5	8.36	1525.9	
09/13/2025	19:33:47	3820	8.5	8.36	1530.1	
09/13/2025	19:34:17	3841	8.5	8.36	1534.4	
09/13/2025	19:34:47	3788	8.5	8.36	1538.6	
09/13/2025	19:35:17	3857	8.5	8.36	1542.9	
09/13/2025	19:35:47	3814	8.5	8.36	1547.2	
09/13/2025	19:36:17	3815	8.5	8.36	1551.4	
09/13/2025	19:36:47	3898	8.5	8.36	1555.7	
09/13/2025	19:37:17	3824	8.5	8.36	1559.9	
09/13/2025	19:37:47	3936	8.5	8.36	1564.2	
09/13/2025	19:38:17	3888	8.5	8.36	1568.4	
09/13/2025	19:38:47	3872	8.5	8.36	1572.7	
09/13/2025	19:39:17	3918	8.5	8.36	1576.9	
09/13/2025	19:39:47	3853	8.5	8.36	1581.2	
09/13/2025	19:40:17	3926	8.5	8.36	1585.4	

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Well	Field	Job Start	Customer	Job Number
CHARLES FRYE OHI 410H 410H		Sep/13/2025	EXPAND	A.1071517.01.18

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
09/13/2025	19:41:17	3904	8.5	8.36	1593.9	
09/13/2025	19:41:47	3909	8.5	8.36	1598.2	
09/13/2025	19:42:17	3895	8.5	8.36	1602.4	
09/13/2025	19:42:47	3923	8.5	8.36	1606.7	
09/13/2025	19:43:17	3892	8.5	8.36	1611.0	
09/13/2025	19:43:47	3908	8.5	8.36	1615.2	
09/13/2025	19:44:17	3874	8.5	8.36	1619.5	
09/13/2025	19:44:47	3865	8.5	8.36	1623.7	
09/13/2025	19:45:17	3904	8.5	8.36	1628.0	
09/13/2025	19:45:47	3845	8.5	8.36	1632.1	
09/13/2025	19:46:17	3956	8.5	8.36	1636.5	
09/13/2025	19:46:47	3957	8.5	8.36	1640.8	
09/13/2025	19:47:17	3934	8.5	8.36	1645.0	
09/13/2025	19:47:47	3937	8.5	8.36	1649.3	
09/13/2025	19:48:17	3892	8.5	8.36	1653.5	
09/13/2025	19:48:47	3921	8.5	8.36	1657.8	
09/13/2025	19:49:17	3908	8.5	8.36	1662.0	
09/13/2025	19:49:47	3874	8.5	8.36	1666.3	
09/13/2025	19:50:17	3906	8.5	8.36	1670.6	
09/13/2025	19:50:47	3903	8.5	8.36	1674.8	
09/13/2025	19:51:17	3923	8.5	8.36	1679.1	
09/13/2025	19:51:47	3967	8.5	8.36	1683.3	
09/13/2025	19:52:17	3996	8.5	8.36	1687.4	
09/13/2025	19:52:47	3886	8.5	8.36	1691.8	
09/13/2025	19:53:00	3960	8.5	8.36	1693.7	Bump Top Plug 3200/3700PSI
09/13/2025	19:53:17	3919	8.5	8.36	1696.1	
09/13/2025	19:53:47	3388	4.5	8.36	1699.7	
09/13/2025	19:54:17	3190	4.2	8.36	1701.9	
09/13/2025	19:54:47	3145	4.2	8.36	1704.0	
09/13/2025	19:55:17	3200	4.2	8.36	1706.0	
09/13/2025	19:55:47	3228	4.2	8.36	1708.1	
09/13/2025	19:56:17	3236	4.2	8.36	1710.2	
09/13/2025	19:56:47	3268	4.2	8.36	1712.3	
09/13/2025	19:57:17	3239	4.2	8.36	1714.4	
09/13/2025	19:57:47	3773	0.0	8.36	1715.5	
09/13/2025	19:58:17	3765	0.0	8.36	1715.5	
09/13/2025	19:59:17	3770	0.0	8.36	1715.5	
09/13/2025	19:59:47	3799	0.0	8.36	1715.5	
09/13/2025	20:00:00	3773	0.0	8.36	1715.5	WASH RIG
09/13/2025	20:00:17	3783	0.0	8.36	1715.5	
09/13/2025	20:00:47	3800	0.0	8.36	1715.5	
09/13/2025	20:01:17	3791	0.0	8.36	1715.5	
09/13/2025	20:01:47	3797	0.0	8.36	1715.5	
09/13/2025	20:02:17	3795	0.0	8.36	1715.5	
09/13/2025	20:02:47	3797	0.0	8.37	1715.5	
09/13/2025	20:03:17	3797	0.0	8.37	1715.5	
09/13/2025	20:03:47	3277	0.0	8.37	1715.5	
09/13/2025	20:04:17	715	0.0	8.37	1715.5	
09/13/2025	20:04:47	-6	0.0	8.37	1715.5	
09/13/2025	20:05:47	-3	0.0	8.37	1715.5	
09/13/2025	20:06:17	-4	0.0	8.36	1715.5	
09/13/2025	20:06:47	-4	0.0	8.37	1715.5	
09/13/2025	20:07:17	-4	0.0	8.37	1715.5	
09/13/2025	20:07:47	-3	0.0	8.37	1715.5	

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Well	Field	Job Start	Customer	Job Number
CHARLES FRYE OHI 410H 410H		Sep/13/2025	EXPAND	A.1071517.01.18

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
09/13/2025	20:08:47	-3	0.0	8.37	1715.5	
09/13/2025	20:09:17	-3	0.0	8.37	1715.5	
09/13/2025	20:09:47	-2	0.0	8.37	1715.5	
09/13/2025	20:10:17	-3	0.0	8.37	1715.5	
09/13/2025	20:10:47	54	0.0	8.37	1715.5	
09/13/2025	20:11:17	92	0.1	8.36	1715.6	
09/13/2025	20:11:47	22	0.0	8.36	1715.6	
09/13/2025	20:12:17	4	0.1	8.36	1715.6	
09/13/2025	20:12:47	0	0.0	8.36	1715.7	
09/13/2025	20:13:17	44	3.3	8.36	1716.7	
09/13/2025	20:13:47	15	3.1	8.36	1718.4	
09/13/2025	20:14:17	129	0.1	8.36	1719.0	
09/13/2025	20:14:47	79	0.1	8.36	1719.1	
09/13/2025	20:15:17	192	5.5	8.36	1720.0	
09/13/2025	20:15:47	221	6.6	8.37	1723.3	
09/13/2025	20:16:17	17	0.2	8.36	1726.1	
09/13/2025	20:16:47	-4	0.0	8.36	1726.2	
09/13/2025	20:17:17	-7	0.0	8.36	1726.2	
09/13/2025	20:17:47	-7	0.0	8.36	1726.2	
09/13/2025	20:18:17	-7	0.0	8.36	1726.2	
09/13/2025	20:18:47	-7	0.0	8.36	1726.2	
09/13/2025	20:19:17	-6	0.0	8.36	1726.2	
09/13/2025	20:19:47	-7	0.0	8.36	1726.3	
09/13/2025	20:20:17	33	2.9	8.36	1726.8	
09/13/2025	20:20:47	33	2.4	8.36	1728.1	
09/13/2025	20:21:17	303	8.4	8.38	1729.7	
09/13/2025	20:21:47	316	8.3	8.36	1733.9	
09/13/2025	20:22:17	308	8.3	8.34	1738.0	
09/13/2025	20:22:47	305	8.3	8.33	1742.2	
09/13/2025	20:23:17	1	0.1	8.35	1744.3	
09/13/2025	20:23:47	2	0.1	8.36	1744.4	
09/13/2025	20:24:17	2	0.1	8.36	1744.4	
09/13/2025	20:24:47	3	0.0	8.36	1744.4	
09/13/2025	20:25:17	2	0.0	8.36	1744.4	
09/13/2025	20:25:47	37	2.6	8.36	1744.8	
09/13/2025	20:26:17	99	3.4	8.40	1746.0	
09/13/2025	20:26:47	349	8.4	8.37	1749.8	
09/13/2025	20:27:17	339	8.4	8.37	1754.0	
09/13/2025	20:27:47	347	8.4	8.38	1758.2	
09/13/2025	20:28:17	354	8.5	8.37	1762.4	
09/13/2025	20:28:47	357	8.4	8.37	1766.7	
09/13/2025	20:29:17	-1	0.1	8.35	1768.1	
09/13/2025	20:29:47	1	0.1	8.36	1768.2	
09/13/2025	20:30:17	0	0.1	8.36	1768.2	
09/13/2025	20:30:47	-1	0.1	8.36	1768.3	
09/13/2025	20:31:17	1	0.0	8.36	1768.3	
09/13/2025	20:31:47	1	0.0	8.36	1768.3	
09/13/2025	20:32:17	1	0.0	8.36	1768.3	
09/13/2025	20:32:47	1	0.0	8.36	1768.4	
09/13/2025	20:33:17	1	0.0	8.36	1768.4	
09/13/2025	20:33:47	1	0.0	8.36	1768.4	
09/13/2025	20:34:17	33	2.8	8.36	1769.5	
09/13/2025	20:34:47	33	2.8	8.36	1770.8	
09/13/2025	20:35:17	146	5.2	8.39	1772.2	

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Environmental Protection

Well	Field	Job Start	Customer	Job Number
CHARLES FRYE OHI 410H 410H		Sep/13/2025	EXPAND	A.1071517.01.18

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
09/13/2025	20:36:17	292	8.3	8.35	1780.4	
09/13/2025	20:36:47	286	8.3	8.33	1784.6	
09/13/2025	20:37:17	284	8.3	8.32	1788.8	
09/13/2025	20:37:47	275	8.3	8.31	1792.9	
09/13/2025	20:38:17	272	8.3	8.32	1797.0	
09/13/2025	20:38:47	280	8.2	8.30	1801.2	
09/13/2025	20:39:17	265	8.2	8.30	1805.3	
09/13/2025	20:39:47	282	8.3	8.33	1809.4	
09/13/2025	20:40:17	2	0.1	8.35	1812.5	
09/13/2025	20:40:47	0	0.1	8.29	1812.6	
09/13/2025	20:41:17	1	0.0	8.36	1812.6	
09/13/2025	20:41:47	1	0.1	8.36	1812.6	
09/13/2025	20:42:17	-7	0.0	8.36	1812.6	
09/13/2025	20:42:47	-6	0.1	8.36	1812.7	
09/13/2025	20:43:17	-6	0.0	8.19	1812.7	
09/13/2025	20:43:47	-6	0.0	8.36	1812.7	
09/13/2025	20:44:17	-6	0.1	8.35	1812.7	
09/13/2025	20:44:47	-6	0.0	8.36	1812.7	
09/13/2025	20:45:17	-6	0.1	8.39	1812.8	
09/13/2025	20:45:47	15	0.1	8.38	1812.8	
09/13/2025	20:46:17	59	1.3	8.34	1813.2	
09/13/2025	20:46:47	57	1.0	8.35	1813.7	
09/13/2025	20:47:17	52	1.0	8.35	1814.4	
09/13/2025	20:47:47	277	8.4	8.36	1817.0	
09/13/2025	20:48:17	288	8.4	8.36	1821.3	
09/13/2025	20:48:47	268	8.4	8.36	1825.5	
09/13/2025	20:49:17	269	8.4	8.36	1829.7	
09/13/2025	20:49:47	270	8.4	8.36	1833.8	
09/13/2025	20:50:17	241	8.5	8.36	1838.1	
09/13/2025	20:50:47	272	8.4	8.36	1842.3	
09/13/2025	20:51:17	264	8.4	8.36	1846.6	
09/13/2025	20:51:47	269	8.5	8.36	1850.8	
09/13/2025	20:52:17	268	8.4	8.36	1855.0	
09/13/2025	20:52:47	261	8.4	8.36	1859.3	
09/13/2025	20:53:17	264	8.4	8.36	1863.5	
09/13/2025	20:53:47	13	0.2	8.36	1867.2	
09/13/2025	20:54:17	22	0.0	8.36	1867.2	
09/13/2025	20:54:47	32	0.0	8.36	1867.3	
09/13/2025	20:55:17	36	0.1	8.36	1867.3	
09/13/2025	20:55:47	35	0.1	8.36	1867.3	
09/13/2025	20:56:47	55	2.6	8.36	1869.7	
09/13/2025	20:57:17	286	8.0	8.36	1871.7	
09/13/2025	20:57:47	309	8.4	8.36	1875.9	
09/13/2025	20:58:17	315	8.4	8.36	1880.1	
09/13/2025	20:58:47	304	8.4	8.36	1884.3	
09/13/2025	20:59:17	31	0.1	8.36	1887.5	
09/13/2025	20:59:47	21	0.1	8.36	1887.5	
09/13/2025	21:00:00	-3	0.1	8.36	1887.6	End Job 30BBL CMT TO SURFACE
09/13/2025	21:00:17	1	0.1	8.36	1887.6	
09/13/2025	21:00:47	-1	0.0	8.22	1887.6	
09/13/2025	21:01:17	-4	0.0	8.38	1887.6	
09/13/2025	21:01:47	-3	0.0	8.37	1887.6	
09/13/2025	21:02:17	-3	0.0	8.36	1887.6	
09/13/2025	21:02:47	-3	0.0	8.36	1887.6	

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Well	Field	Job Start	Customer	Job Number
CHARLES FRYE OHI 410H 410H		Sep/13/2025	EXPAND	A.1071517.01.18

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
09/13/2025	21:03:47	-2	0.0	8.36	1887.6	
09/13/2025	21:04:17	-3	0.0	8.36	1887.6	
09/13/2025	21:04:47	-3	0.0	8.36	1887.6	
09/13/2025	21:05:17	-3	0.0	8.36	1887.6	
09/13/2025	21:05:47	-2	0.0	8.36	1887.6	
09/13/2025	21:06:17	-2	0.0	8.36	1887.6	
09/13/2025	21:06:47	-3	0.0	8.36	1887.6	
09/13/2025	21:07:17	-3	0.0	8.36	1887.6	
09/13/2025	21:07:47	-3	0.0	8.36	1887.6	
09/13/2025	21:08:17	-3	0.0	8.36	1887.6	
09/13/2025	21:08:47	-3	0.0	8.36	1887.6	
09/13/2025	21:09:17	-3	0.0	8.36	1887.6	
09/13/2025	21:09:47	-2	0.0	8.36	1887.6	
09/13/2025	21:10:17	-3	0.0	8.36	1887.6	
09/13/2025	21:10:47	-2	0.0	8.36	1887.6	
09/13/2025	21:11:17	-2	0.0	8.36	1887.6	
09/13/2025	21:11:47	-2	0.0	8.36	1887.6	
09/13/2025	21:12:17	-2	0.0	8.36	1887.6	
09/13/2025	21:12:47	-2	0.0	8.36	1887.6	
09/13/2025	21:13:17	-2	0.0	8.36	1887.6	
09/13/2025	21:13:47	-2	0.0	8.36	1887.6	
09/13/2025	21:14:17	-2	0.0	8.36	1887.6	
09/13/2025	21:14:47	-2	0.0	8.36	1887.6	
09/13/2025	21:15:17	-2	0.0	8.36	1887.6	
09/13/2025	21:15:47	-2	0.0	8.36	1887.6	
09/13/2025	21:16:17	-2	0.0	8.36	1887.6	
09/13/2025	21:16:47	-2	0.0	8.36	1887.6	
09/13/2025	21:17:17	-2	0.0	8.36	1887.6	
09/13/2025	21:17:47	-1	0.0	8.35	1887.6	

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Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
				985.0		130.0	

Treating Pressure Summary, psi					Breakdown Fluid		
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
	0		3700			bbl	lb/gal

Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?		Volume	30.0 bbl
%	985.0 bbl	539.0 bbl	70 degF	Washed Thru Perfs	☐	To	ft

Customer or Authorized Representative	Schlumberger Supervisor	Circulation Lost		Job Completed	☒
COMPANY MAN	CODY DUDRICK	-		-	

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Refresh

Wellbore Name	CHARLES FRYE OHI 410H - Original Hole													AFE							
Operator	EXPAND OPERATING LLC													Frac Company							
Division	SOUTHWEST APPALACHIA													Latitude	40.052997						
Pad	EXPAND OPERATING LLC													Longitude	-80.577190						
Frac String :	5.5in 20# P-110 HP Production Casing Set at 24,312 ft													CLAT:	16,560 ft	Stages/Day:	3.61				
Stage :	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
Date :	1/15/2026	1/15/2026	1/16/2026	1/16/2026	1/16/2026	1/17/2026	1/17/2026	1/17/2026	1/17/2026	1/17/2026	1/18/2026	1/18/2026	1/18/2026	1/18/2026	1/18/2026	1/19/2026	1/19/2026	1/21/2026	1/21/2026		
Top Perf (ft) :	24,252	24,042	23,833	23,624	23,415	23,206	22,997	22,788	22,579	22,370	22,161	21,952	21,743	21,534	21,325	21,116	20,907	20,698	20,489		
Btm Perf (ft) :	24,300	24,217	24,008	23,799	23,590	23,381	23,172	22,963	22,754	22,545	22,336	22,127	21,918	21,709	21,500	21,291	21,082	20,873	20,664		
Number of Perf Holes :	16	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36		
Perf Hole ID (in) :	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41		
TVD (ft) :		6,758	6,757	6,755	6,754	6,752	6,751	6,750	6,749	6,747	6,744	6,742	6,739	6,737	6,735	6,733	6,732	6,731	6,732		
Capacity to Top Perf (bbls) :	538	534	529	524	520	515	510	506	501	497	492	487	483	478	473	469	464	459	455		
Capacity to Bottom Perf (bbls) :	539	538	533	528	524	519	514	510	505	500	496	491	486	482	477	473	468	463	459		
Survey (inclination) :																					
Mid-Perf (MD) :	24,276	24,130	23,921	23,712	23,503	23,294	23,085	22,876	22,667	22,458	22,249	22,040	21,831	21,622	21,413	21,204	20,995	20,786	20,577		
Pump Down Start Time:		1/15/26 19:21	1/16/26 1:43	1/16/26 16:38	1/16/26 20:05	1/17/26 0:50	1/17/26 4:11	1/17/26 8:25	1/17/26 15:00	1/17/26 22:00	1/18/26 1:43	1/18/26 4:54	1/18/26 10:52	1/18/26 16:42	1/18/26 20:16	1/19/26 15:35	1/19/26 18:48	1/21/26 11:22	1/21/26 15:07		
Pump Down Stop Time:		1/15/26 22:33	1/16/26 3:42	1/16/26 17:15	1/16/26 20:53	1/17/26 1:36	1/17/26 5:02	1/17/26 9:12	1/17/26 15:45	1/17/26 22:41	1/18/26 2:25	1/18/26 5:40	1/18/26 11:26	1/18/26 17:10	1/18/26 20:49	1/19/26 16:05	1/19/26 19:24	1/21/26 11:51	1/21/26 15:37		
Pumpdown Total Time:		3.20	1.98	0.62	0.80	0.77	0.85	0.78	0.75	0.68	0.70	0.77	0.57	0.47	0.55	0.50	0.60	0.48	0.50		
Stage Start Time :	1/15/26 16:09	1/15/26 22:33	1/16/26 3:42	1/16/26 17:15	1/16/26 20:53	1/17/26 1:36	1/17/26 5:02	1/17/26 9:12	1/17/26 15:45	1/17/26 22:41	1/18/26 2:25	1/18/26 5:40	1/18/26 11:26	1/18/26 17:10	1/18/26 20:49	1/19/26 16:05	1/19/26 19:24	1/21/26 11:51	1/21/26 15:37		
Stage Stop Time :	1/15/26 18:16	1/16/26 1:07	1/16/26 16:27	1/16/26 20:01	1/17/26 0:46	1/17/26 4:05	1/17/26 8:19	1/17/26 14:57	1/17/26 21:57	1/18/26 1:40	1/18/26 4:50	1/18/26 10:47	1/18/26 16:34	1/18/26 20:13	1/18/26 23:46	1/19/26 18:45	1/21/26 9:53	1/21/26 15:03	1/21/26 18:20		
Total Stage time : (hrs)	2.12	2.57	12.75	2.77	3.88	2.48	3.28	5.75	6.20	2.98	2.42	5.12	5.13	3.05	2.95	2.67	54.85	3.20	2.72		
IWHP (psi) :	296	2,442	2,646	2,963	3,090	2,827	3,305	2,906	2,748	2,978	3,413	3,066	3,009	3,389	3,239	2,703	3,289	3,546	3,213		
15 % HCl Acid (bbls) :	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33		
Number of Perf Clusters	2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
Perf Spacing (ft)	48	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35		
Pump down (bbls) :		153	676	134	138	137	160	127	107	123	116	131	119	113	114	63	117	108	117		
Frac Water (bbls) :	6,055	7,984	10,931	7,887	8,091	7,922	8,413	7,825	8,145	8,137	7,686	7,601	7,942	7,637	7,696	7,189	12,684	7,878	7,707		
Load to Recover (Total Vol Pumped) (bbls) :	6,055	8,137	11,607	8,021	8,229	8,059	8,573	7,952	8,252	8,260	7,802	7,732	8,061	7,750	7,810	7,252	12,801	7,986	7,824		
Slurry Volume (bbls) :	6,184	8,544	12,022	8,429	8,653	8,470	8,985	8,357	8,698	8,698	8,203	8,107	8,473	8,150	8,208	7,627	13,108	8,406	8,218		
100 Mesh (lbs) :	65,180	145,850	152,750	148,250	151,280	149,160	150,510	152,850	153,790	144,660	147,880	150,690	148,920	149,510	148,870	150,680	149,600	156,650	145,120		
20/40, 30/50, 30/70, & 40/70 (lbs) :	66,080	217,610	215,020	216,550	214,760	215,940	217,980	214,690	218,880	220,870	169,760	215,030	215,600	213,060	217,620	217,050	217,580	218,520	215,630		
Total Prop from Stim Int Prop Table (lbs) :	131,260	363,460	367,770	364,800	366,040	365,100	368,490	367,540	372,670	365,530	317,640	365,720	364,520	362,570	366,490	367,730	367,180	375,170	360,750		
Total Prop from StimStageTable (lbs)	131,260	363,460	367,770	364,800	366,040	365,100	368,490	367,540	372,670	365,530	317,640	365,720	364,520	362,570	366,490	367,730	367,180	375,170	360,750		
Avg Rate (bbls/min) :	82	87	89	88	93	89	91	86	88	86	88	88	88	89	88	86	88	88	86		
Avg Pressure (psi) :	8,750	9,258	8,956	9,104	9,508	9,155	9,262	9,089	9,332	8,826	8,898	8,926	8,831	8,983	8,856	9,277	9,189	8,423	8,372		
Max Rate (bpm) :	85	89	93	90	95	91	92	90	90	90	90	90	90	91	90	90	90	90	90		
Max Pressure (psi) :	9,084	10,099	9,640	10,025	10,152	9,757	9,807	9,765	10,015	9,612	9,786	9,771	9,385	9,888	9,229	9,826	10,539	8,911	9,027		
Break Pressure (psi) :	6,854	5,756	5,883	6,285	6,385	6,730	6,828	6,696	6,513	6,486	5,901	6,524	6,638	5,585	6,088	6,874	6,112	6,470	7,120		
ISIP (psi) :	8,241	3,612	4,321	4,962	5,029	5,152	4,568	4,899	5,163	4,519	4,692	5,103	5,587	5,110	5,403	4,857	6,081	5,281	5,325		
FG (psi/ft) :	1.65	0.97	1.07	1.17	1.18	1.20	1.11	1.16	1.20	1.10	1.13	1.19	1.26	1.19	1.23	1.16	1.33	1.21	1.22		
Biocide (gal)	22	29	45	29	30	29	31	29	31	30	29	28	30	28	29	41	30	29	28		
Corrosion Inhibitor (lbs)	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
Friction Reducer (gal)	4,724	6,597	7,913	5,423	7,533	8,333	8,551	6,436	6,201	7,390	6,030	5,703	6,062	6,315	7,049	4,882	13,135	8,337	8,178		
HCL 15% (gal)	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400		
Scale Inhibitor (gal)	33	43	67	43	45	44	46	44	46	46	43	35	44	43	43	27	45	44	43		
Breaker																					
Average Density (SG)																					
Average of pH																					
Average of Conductivity																					
Average of Calcium																					
Average of Magnesium																					
Avaerage of Chlorides																					
Average of Iron																					
Average of Temp pH																					
Average of Sulfide																					
Fluid Density (lb/gal)																					
Frac																					
Pumpdown																					
HCl 15%																					
HCl 7.5%																					
Difference																					
Frac																					
PD																					
HCl																					

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Refresh	Wellbore Name																				
	Operator																				
	Division																				
	Pad																				
Frac String :																					
Stage :	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	
Date :	1/21/2026	1/22/2026	1/22/2026	1/22/2026	1/22/2026	1/22/2026	1/22/2026	1/23/2026	1/23/2026	1/23/2026	1/23/2026	1/23/2026	1/23/2026	1/24/2026	1/28/2026	1/28/2026	1/29/2026	1/29/2026	1/29/2026	1/30/2026	
Top Perf (ft) :	20,280	20,071	19,862	19,653	19,444	19,235	19,026	18,817	18,608	18,399	18,190	17,981	17,772	17,563	17,354	17,145	16,936	16,727	16,518	16,309	
Btm Perf (ft) :	20,455	20,246	20,037	19,828	19,619	19,410	19,201	18,992	18,783	18,574	18,365	18,156	17,947	17,738	17,529	17,320	17,111	16,902	16,693	16,484	
Number of Perf Holes :	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	
Perf Hole ID (in) :	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	
TVD (ft) :	6,733	6,731	6,728	6,726	6,724	6,721	6,719	6,716	6,714	6,712	6,708	6,705	6,702	6,699	6,696	6,694	6,691	6,688	6,685	6,681	
Capacity to Top Perf (bbls) :	450	445	441	436	432	427	422	418	413	408	404	399	394	390	385	381	376	371	367	362	
Capacity to Bottom Perf (bbls) :	454	449	445	440	435	431	426	422	417	412	408	403	398	394	389	384	380	375	371	366	
Survey (inclination) :																					
Mid-Perf (MD) :	20,368	20,159	19,950	19,741	19,532	19,323	19,114	18,905	18,696	18,487	18,278	18,069	17,860	17,651	17,442	17,233	17,024	16,815	16,606	16,397	
Pump Down Start Time:	1/21/26 18:22	1/21/26 22:14	1/22/26 4:24	1/22/26 7:48	1/22/26 13:13	1/22/26 16:35	1/22/26 19:47	1/22/26 22:53	1/23/26 2:16	1/23/26 5:33	1/23/26 9:17	1/23/26 12:52	1/23/26 16:45	1/24/26 0:08	1/28/26 3:58	1/28/26 20:43	1/29/26 1:06	1/29/26 6:36	1/29/26 2:18	1/29/26 21:11	
Pump Down Stop Time:	1/21/26 18:55	1/21/26 22:47	1/22/26 4:56	1/22/26 8:18	1/22/26 13:39	1/22/26 16:59	1/22/26 20:18	1/22/26 23:23	1/23/26 2:46	1/23/26 6:04	1/23/26 9:41	1/23/26 13:15	1/23/26 17:12	1/24/26 0:56	1/28/26 4:31	1/28/26 21:18	1/29/26 1:32	1/29/26 6:58	1/29/26 2:40	1/29/26 21:39	
Pumpdown Total Time:	0.55	0.55	0.53	0.50	0.43	0.40	0.52	0.50	0.50	0.52	0.40	0.38	0.45	0.80	0.55	0.58	0.43	0.37	0.37	0.47	
Stage Start Time :	1/21/26 18:55	1/21/26 22:47	1/22/26 4:56	1/22/26 8:18	1/22/26 13:39	1/22/26 16:59	1/22/26 20:18	1/22/26 23:23	1/23/26 2:46	1/23/26 6:04	1/23/26 9:41	1/23/26 13:15	1/23/26 17:12	1/24/26 0:56	1/28/26 4:31	1/28/26 21:18	1/29/26 1:32	1/29/26 6:58	1/29/26 2:40	1/29/26 21:39	
Stage Stop Time :	1/21/26 22:12	1/22/26 4:22	1/22/26 7:43	1/22/26 11:02	1/22/26 16:28	1/22/26 19:43	1/22/26 22:51	1/23/26 2:15	1/23/26 5:30	1/23/26 9:11	1/23/26 12:47	1/23/26 16:34	1/24/26 0:05	1/24/26 5:13	1/28/26 18:38	1/29/26 0:13	1/29/26 4:09	1/29/26 14:07	1/29/26 20:58	1/30/26 2:48	
Total Stage time : (hrs)	3.28	5.58	2.78	2.73	2.82	2.73	2.55	2.87	2.73	3.12	3.10	3.32	6.88	4.28	14.12	2.92	2.62	7.15	18.30	5.15	
IWHP (psi) :	3,174	3,265	3,214	3,196	2,760	2,999	3,147	3,041	3,104	3,022	3,111	2,951	2,757	11,485	1,858	2,825	2,932	2,489	2,680	2,905	
15 % HCl Acid (bbls) :	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	
Number of Perf Clusters	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Perf Spacing (ft)	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	
Pump down (bbls) :	106	106	107	111	101	98	97	103	97	97	94	89	99	74	104	101	88	85	109	87	
Frac Water (bbls) :	7,610	7,322	7,076	7,963	7,711	7,651	7,845	7,623	7,653	7,541	7,634	7,129	7,662	8,168	8,003	7,551	7,168	7,662	7,692	7,408	
Load to Recover (Total Vol Pumped) (bbls) :	7,716	7,428	7,183	8,074	7,812	7,749	7,942	7,726	7,750	7,638	7,728	7,218	7,761	8,242	8,107	7,652	7,256	7,747	7,801	7,495	
Slurry Volume (bbls) :	8,121	7,806	7,533	8,478	8,222	8,162	8,360	8,122	8,156	8,040	8,132	7,573	8,177	8,650	8,530	8,063	7,639	8,176	8,221	7,905	
100 Mesh (lbs) :	148,440	148,010	146,090	149,020	155,200	155,740	152,700	152,740	153,450	150,480	153,280	154,670	155,460	143,380	152,770	152,590	145,000	150,890	153,090	154,150	
20/40, 30/50, 30/70, & 40/70 (lbs) :	215,370	195,520	172,040	215,740	217,080	219,680	219,900	219,600	219,010	218,610	220,200	179,820	216,540	204,780	218,520	219,190	174,480	221,080	217,810	219,180	
Total Prop from Stim Int Prop Table (lbs) :	363,810	343,530	318,130	364,760	372,280	375,420	372,600	372,340	372,460	369,090	373,480	334,490	372,000	348,160	371,290	371,780	319,480	371,970	370,900	373,330	
Total Prop from StimStageTable (lbs)	363,810	343,530	318,130	364,760	372,280	375,420	372,600	372,340	372,460	369,090	373,480	334,490	372,000	348,160	371,290	371,780	319,480	371,970	370,900	373,330	
Avg Rate (bbls/min) :	85	88	88	86	72	89	88	88	88	89	88	88	88	88	83	90	90	91	96	94	
Avg Pressure (psi) :	8,456	8,512	8,404	8,172	6,592	8,577	8,209	8,336	8,328	8,010	8,164	8,059	8,470	8,201	8,340	8,415	8,566	8,107	8,596	8,790	
Max Rate (bpm) :	91	90	90	90	90	91	90	90	90	91	91	91	90	90	89	94	94	100	100	100	
Max Pressure (psi) :	9,352	9,210	9,360	9,050	8,847	9,221	9,279	9,378	9,208	8,838	9,010	10,035	9,409	11,485	9,375	8,721	9,500	8,756	9,008	9,100	
Break Pressure (psi) :	6,411	6,157	6,703	6,034	6,310	5,905	5,691	5,802	6,088	5,799	5,958	6,085	5,874	6,226	6,151	5,487	5,863	5,084	6,180	6,477	
ISIP (psi) :	5,117	5,121	5,115	5,096	5,388	5,224	5,564	4,984	5,212	5,201	5,125	5,619	4,894	4,848	4,538	4,268	4,285	4,412	4,565	4,465	
FG (psi/ft) :	1.19	1.19	1.19	1.19	1.23	1.21	1.26	1.17	1.20	1.20	1.19	1.26	1.16	1.15	1.10	1.06	1.07	1.09	1.11	1.09	
Biocide (gal)	42	44	26	30	29	29	29	28	29	28	29	27	29	14	45	31	40	44	42	42	
Corrosion Inhibitor (lbs)	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
Friction Reducer (gal)	7,585	6,824	7,479	7,843	5,914	7,085	5,563	6,479	6,595	6,210	6,329	5,265	4,935	6,522	5,151	4,370	6,920	5,031	2,462	4,756	
HCL 15% (gal)	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	
Scale Inhibitor (gal)	28	27	39	45	43	43	44	43	43	42	43	40	43	43	30	28	27	29	28	28	
Breaker																					
Average Density (SG)																					
Average of pH																					
Average of Conductivity																					
Average of Calcium																					
Average of Magnesium																					
Avaerage of Chlorides																					
Average of Iron																					
Average of Temp pH																					
Average of Sulfide																					
Fluid Density (lb/gal)																					
Frac																					
Pumpdown																					
HCl 15%																					
HCl 7.5%																					
Difference																					
Frac																					
PD																					
HCl																					

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Refresh

Wellbore Name																					
Operator																					
Division																					
Pad																					
Frac String :																					
Stage :	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	
Date :	1/30/2026	1/30/2026	1/30/2026	1/30/2026	1/30/2026	1/30/2026	1/31/2026	1/31/2026	1/31/2026	1/31/2026	1/31/2026	1/31/2026	2/1/2026	2/1/2026	2/2/2026	2/2/2026	2/2/2026	2/2/2026	2/2/2026	2/3/2026	
Top Perf (ft) :	16,100	15,891	15,682	15,473	15,264	15,055	14,846	14,637	14,428	14,219	14,010	13,801	13,592	13,383	13,174	12,965	12,756	12,547	12,338	12,129	
Btm Perf (ft) :	16,275	16,066	15,857	15,648	15,439	15,230	15,021	14,812	14,603	14,394	14,185	13,976	13,767	13,558	13,349	13,140	12,931	12,722	12,513	12,304	
Number of Perf Holes :	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	
Perf Hole ID (in) :	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	
TVD (ft) :	6,676	6,672	6,670	6,670	6,669	6,665	6,662	6,658	6,654	6,650	6,647	6,643	6,639	6,633	6,627	6,625	6,622	6,619	6,615	6,611	
Capacity to Top Perf (bbls) :	357	353	348	343	339	334	330	325	320	316	311	306	302	297	292	288	283	278	274	269	
Capacity to Bottom Perf (bbls) :	361	357	352	347	343	338	333	329	324	319	315	310	306	301	296	292	287	282	278	273	
Survey (inclination) :																					
Mid-Perf (MD) :	16,188	15,979	15,770	15,561	15,352	15,143	14,934	14,725	14,516	14,307	14,098	13,889	13,680	13,471	13,262	13,053	12,844	12,635	12,426	12,217	
Pump Down Start Time:	1/30/26 3:01	1/30/26 6:13	1/30/26 10:09	1/30/26 1:28	1/30/26 17:17	1/30/26 20:40	1/31/26 0:03	1/31/26 4:46	1/31/26 8:39	1/31/26 14:08	1/31/26 18:14	1/31/26 21:29	2/1/26 0:35	2/1/26 2:30	2/1/26 22:44	2/2/26 7:30	2/2/26 11:29	2/2/26 17:12	2/2/26 20:15	2/3/26 23:21	
Pump Down Stop Time:	1/30/26 3:30	1/30/26 6:36	1/30/26 10:26	1/30/26 1:49	1/30/26 18:02	1/30/26 21:06	1/31/26 0:28	1/31/26 5:12	1/31/26 8:57	1/31/26 15:23	1/31/26 18:39	1/31/26 21:52	2/1/26 0:58	2/1/26 2:57	2/1/26 23:10	2/2/26 7:51	2/2/26 11:51	2/2/26 17:30	2/2/26 20:44	2/3/26 23:41	
Pumpdown Total Time:	0.48	0.38	0.28	0.35	0.75	0.43	0.42	0.43	0.30	1.25	0.42	0.38	0.38	0.45	0.43	0.35	0.37	0.30	0.48	0.33	
Stage Start Time :	1/30/26 3:30	1/30/26 6:36	1/30/26 10:26	1/30/26 1:49	1/30/26 18:02	1/30/26 21:06	1/31/26 0:28	1/31/26 5:12	1/31/26 8:57	1/31/26 15:23	1/31/26 18:39	1/31/26 21:52	2/1/26 0:58	2/1/26 2:57	2/1/26 23:10	2/2/26 7:51	2/2/26 11:51	2/2/26 17:30	2/2/26 20:44	2/2/26 23:41	
Stage Stop Time :	1/30/26 6:01	1/30/26 9:52	1/30/26 13:19	1/30/26 17:19	1/30/26 20:35	1/30/26 23:59	1/31/26 4:34	1/31/26 8:25	1/31/26 12:34	1/31/26 18:10	1/31/26 21:24	2/1/26 0:30	2/1/26 12:55	2/1/26 21:11	2/2/26 5:19	2/2/26 11:19	2/2/26 15:12	2/2/26 20:11	2/2/26 23:16	2/3/26 2:14	
Total Stage time : (hrs)	2.52	3.27	2.88	15.50	2.55	2.88	4.10	3.22	3.62	2.78	2.75	2.63	11.95	18.23	6.15	3.47	3.35	2.68	2.53	2.55	
IWHP (psi) :	3,335	3,486	3,306	3,421	3,209	3,532	3,442	3,490	2,879	3,734	3,489	2,991	2,644	3,043	2,752	2,730	3,638	3,650	3,619	3,617	
15 % HCl Acid (bbls) :	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	
Number of Perf Clusters	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Perf Spacing (ft)	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	
Pump down (bbls) :	87	78	71	77	85	79	81	76	76	81	72	72	70	111	74	74	70	69	67	64	
Frac Water (bbls) :	7,606	8,100	7,508	7,747	7,359	7,312	7,113	7,366	7,346	7,388	7,397	7,228	6,971	7,645	7,399	7,098	7,069	7,042	7,012	7,017	
Load to Recover (Total Vol Pumped) (bbls) :	7,693	8,178	7,579	7,824	7,444	7,391	7,194	7,442	7,422	7,469	7,469	7,300	7,041	7,756	7,473	7,172	7,139	7,111	7,079	7,081	
Slurry Volume (bbls) :	8,125	8,517	7,995	8,259	7,854	7,790	7,584	7,847	7,833	7,879	7,891	7,706	7,413	8,172	7,873	7,559	7,545	7,524	7,482	7,489	
100 Mesh (lbs) :	148,750	157,490	162,870	165,910	155,890	151,730	153,210	151,340	154,470	153,840	127,780	127,160	128,800	128,180	126,400	133,080	134,040	156,660	141,490	152,040	
20/40, 30/50, 30/70, & 40/70 (lbs) :	220,660	215,700	216,540	220,220	217,800	208,260	212,780	218,540	200,920	225,780	243,930	242,780	203,120	243,780	242,050	225,060	239,470	217,920	216,000	221,840	
Total Prop from Stim Int Prop Table (lbs) :	369,410	373,190	379,410	386,130	373,690	359,990	365,990	369,880	355,390	379,620	371,710	369,940	331,920	371,960	368,450	358,140	373,510	374,580	357,490	373,880	
Total Prop from StimStageTable (lbs)	369,410	373,190	379,410	386,130	373,690	359,990	365,990	369,880	355,390	379,620	371,710	369,940	331,920	371,960	368,450	358,140	373,510	374,580	357,490	373,880	
Avg Rate (bbls/min) :	95	90	92	87	92	91	92	84	86	94	96	80	87	89	87	86	85	90	88	88	
Avg Pressure (psi) :	8,613	8,316	8,620	8,019	8,594	8,248	8,279	7,492	7,400	8,000	8,283	7,222	7,573	7,983	7,695	7,293	7,380	7,748	7,585	7,610	
Max Rate (bpm) :	100	100	100	90	96	96	100	90	90	99	100	100	91	97	91	90	90	100	92	91	
Max Pressure (psi) :	9,024	9,167	8,967	8,401	8,953	9,504	9,887	7,929	8,107	8,823	8,636	8,792	8,520	8,388	7,983	8,229	8,019	8,340	8,392	7,884	
Break Pressure (psi) :	6,253	6,238	6,245	5,955	5,953	5,935	5,630	5,460	6,336	6,014	5,760	5,736	5,946	5,818	6,028	5,695	5,950	6,075	6,108	5,674	
ISIP (psi) :	4,811	4,966	4,500	4,854	4,698	4,835	4,498	4,871	4,863	4,798	4,685	4,465	4,574	4,698	4,635	4,653	5,022	4,698	4,535	4,925	
FG (psi/ft) :	1.14	1.17	1.10	1.15	1.13	1.15	1.10	1.15	1.15	1.14	1.13	1.09	1.11	1.13	1.12	1.12	1.18	1.13	1.10	1.16	
Biocide (gal)	43	54	43	44	42	41	40	42	42	42	42	41	40	42	42	40	40	40	40	40	
Corrosion Inhibitor (lbs)	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
Friction Reducer (gal)	6,068	7,137	6,161	5,306	6,653	6,393	6,262	6,710	6,140	6,118	6,705	5,718	4,074	6,510	7,695	7,395	6,971	5,319	6,745	6,304	
HCL 15% (gal)	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	
Scale Inhibitor (gal)	29	36	29	29	28	27	27	28	28	28	28	27	26	28	28	27	27	27	27	27	
Breaker																					
Average Density (SG)																					
Average of pH																					
Average of Conductivity																					
Average of Calcium																					
Average of Magnesium																					
Avaerage of Chlorides																					
Average of Iron																					
Average of Temp pH																					
Average of Sulfide																					
Fluid Density (lb/gal)																					

Frac	
Pumpdown	
HCl 15%	
HCl 7.5%	
Difference	
Frac	
PD	
HCl	

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Wellbore Name
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Division
Pad

Frac String :

Stage :	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
Date :	2/3/2026	2/3/2026	2/3/2026	2/3/2026	2/3/2026	2/3/2026	2/4/2026	2/4/2026	2/4/2026	2/4/2026	2/4/2026	2/4/2026	2/5/2026	2/5/2026	2/5/2026	2/5/2026	2/6/2026	2/6/2026	2/6/2026	2/6/2026
Top Perf (ft) :	11,920	11,711	11,502	11,293	11,084	10,875	10,666	10,457	10,248	10,039	9,830	9,621	9,412	9,203	8,994	8,785	8,576	8,367	8,158	7,949
Btm Perf (ft) :	12,095	11,886	11,677	11,468	11,259	11,050	10,841	10,632	10,423	10,214	10,005	9,796	9,587	9,378	9,169	8,960	8,751	8,542	8,333	8,124
Number of Perf Holes :	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
Perf Hole ID (in) :	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
TVD (ft) :	6,607	6,603	6,600	6,597	6,595	6,593	6,592	6,590	6,583	6,580	6,580	6,578	6,574	6,570	6,566	6,562	6,559	6,555	6,551	6,548
Capacity to Top Perf (bbls) :	265	260	255	251	246	241	237	232	227	223	218	214	209	204	200	195	190	186	181	176
Capacity to Bottom Perf (bbls) :	268	264	259	255	250	245	241	236	231	227	222	217	213	208	204	199	194	190	185	180
Survey (Inclination) :																				
Mid-Perf (MD) :	12,008	11,799	11,590	11,381	11,172	10,963	10,754	10,545	10,336	10,127	9,918	9,709	9,500	9,291	9,082	8,873	8,664	8,455	8,246	8,037
Pump Down Start Time:	2/3/26 2:19	2/3/26 5:42	2/3/26 8:40	2/3/26 11:30	2/3/26 16:40	2/3/26 20:32	2/3/26 23:08	2/4/26 2:09	2/4/26 4:49	2/4/26 17:03	2/4/26 19:01	2/4/26 22:18	2/5/26 10:57	2/5/26 13:37	2/5/26 17:27	2/5/26 20:23	2/5/26 23:29	2/6/26 2:24	2/6/26 5:39	2/6/26 10:24
Pump Down Stop Time:	2/3/26 2:45	2/3/26 6:01	2/3/26 8:53	2/3/26 11:47	2/3/26 16:57	2/3/26 20:53	2/3/26 23:47	2/4/26 2:27	2/4/26 5:07	2/4/26 17:22	2/4/26 19:24	2/4/26 22:35	2/5/26 11:08	2/5/26 13:44	2/5/26 17:43	2/5/26 20:40	2/5/26 23:46	2/6/26 2:40	2/6/26 5:48	2/6/26 10:36
Pumpdown Total Time:	0.43	0.32	0.22	0.28	0.28	0.35	0.65	0.30	0.30	0.32	0.38	0.28	0.18	0.12	0.27	0.28	0.28	0.27	0.15	0.20
Stage Start Time :	2/3/26 2:45	2/3/26 6:01	2/3/26 8:53	2/3/26 11:47	2/3/26 16:57	2/3/26 20:53	2/3/26 23:47	2/4/26 2:27	2/4/26 5:07	2/4/26 17:22	2/4/26 19:24	2/4/26 22:35	2/5/26 11:08	2/5/26 13:44	2/5/26 17:43	2/5/26 20:40	2/5/26 23:46	2/6/26 2:40	2/6/26 5:48	2/6/26 10:36
Stage Stop Time :	2/3/26 5:27	2/3/26 8:30	2/3/26 11:39	2/3/26 16:34	2/3/26 20:13	2/3/26 23:04	2/4/26 1:53	2/4/26 4:43	2/4/26 7:22	2/4/26 18:53	2/4/26 22:15	2/5/26 1:11	2/5/26 13:14	2/5/26 17:15	2/5/26 20:18	2/5/26 23:09	2/6/26 2:21	2/6/26 5:14	2/6/26 9:01	2/6/26 13:45
Total Stage time : (hrs)	2.70	2.48	2.77	14.78	3.27	2.18	2.10	2.27	2.25	1.52	2.85	2.60	2.10	3.52	2.58	2.48	2.58	2.57	3.22	3.15
IWHP (psi) :	3,597	3,204	3,421	3,559	3,416	3,253	3,202	3,095	3,345	2,591	3,016	3,502	2,513	2,712	3,138	3,509	3,124	3,205	3,500	3,405
15 % HCl Acid (bbls) :	33	33	33	33	33	33	33	33	24	33	33	33	24	24	24	24	24	24	24	24
Number of Perf Clusters	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Perf Spacing (ft)	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Pump down (bbls) :	60	68	64	61	59	59	34	59	55	48	44	48	100	33	49	43	42	41	34	41
Frac Water (bbls) :	7,183	7,115	7,141	6,811	7,282	7,174	7,094	7,084	6,258	6,038	7,691	7,666	7,977	7,623	7,401	7,460	7,505	7,581	7,622	7,867
Load to Recover (Total Vol Pumped) (bbls) :	7,243	7,183	7,205	6,872	7,341	7,233	7,128	7,143	6,313	6,086	7,735	7,714	8,077	7,656	7,450	7,503	7,547	7,622	7,656	7,908
Slurry Volume (bbls) :	7,670	7,593	7,621	7,258	7,762	7,651	7,547	7,558	6,656	6,375	8,148	8,119	8,482	8,057	7,840	7,899	7,953	8,025	8,065	8,333
100 Mesh (lbs) :	151,320	152,040	150,270	154,780	140,380	154,350	155,220	158,340	155,440	152,230	155,580	153,650	153,800	152,060	148,420	142,300	149,870	151,500	150,350	151,670
20/40, 30/50, 30/70, & 40/70 (lbs) :	217,240	217,560	223,240	200,480	220,640	217,360	224,840	218,860	160,270	176,800	224,910	223,400	221,420	218,600	216,440	215,400	222,280	217,300	225,800	223,980
Total Prop from Stim Int Prop Table (lbs) :	368,560	369,600	373,510	355,260	361,020	371,710	380,060	377,200	315,710	329,030	380,490	377,050	375,220	370,660	364,860	357,700	372,150	368,800	376,150	375,650
Total Prop from StimStageTable (lbs)	368,560	369,600	373,510	355,260	361,020	371,710	380,060	377,200	315,710	329,030	380,490	377,050	375,220	370,660	364,860	357,700	372,150	368,800	376,150	375,650
Avg Rate (bbls/min) :	88	87	86	89	96	95	96	96	93	83	96	97	95	96	95	96	96	94	81	92
Avg Pressure (psi) :	7,612	7,191	7,144	7,419	7,717	7,999	8,009	8,010	7,578	7,592	7,450	7,483	7,449	7,341	7,375	7,548	7,235	7,407	6,720	6,770
Max Rate (bpm) :	92	90	90	93	100	100	100	100	98	100	100	100	100	100	100	100	100	100	90	100
Max Pressure (psi) :	8,291	7,608	7,333	8,230	8,138	8,180	8,476	8,499	7,943	9,715	7,750	7,727	7,763	7,677	8,564	7,912	7,349	8,145	7,123	7,144
Break Pressure (psi) :	6,186	5,791	5,639	5,929	5,809	6,086	6,043	5,535	5,726	5,822	5,628	6,011	5,809	5,953	6,256	5,875	6,159	6,094	6,131	6,406
ISIP (psi) :	4,589	5,035	4,457	4,555	4,435	4,535	4,535	4,683	4,877	4,598	4,498	4,698	4,623	4,451	4,158	4,597	4,535	4,635	4,461	4,605
FG (psi/ft) :	1.11	1.18	1.09	1.11	1.09	1.10	1.10	1.13	1.15	1.11	1.10	1.13	1.12	1.09	1.05	1.11	1.10	1.12	1.09	1.11
Biocide (gal)	41	41	41	39	42	41	42	41	36	35	45	45	45	45	43	44	44	44	45	47
Corrosion Inhibitor (lbs)	3	3	3	3	3	3	3	3	2	3	3	3	2	2	2	2	2	2	2	2
Friction Reducer (gal)	5,855	7,406	6,805	5,709	6,816	6,052	6,843	7,229	6,349	2,923	6,828	7,229	6,784	6,747	5,740	5,610	7,438	6,274	6,405	8,063
HCL 15% (gal)	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,000	1,400	1,400	1,400	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Scale Inhibitor (gal)	28	27	27	26	28	28	28	27	24	23	30	30	30	30	29	29	30	30	30	31
Breaker																				
Average Density (SG)																				
Average of pH																				
Average of Conductivity																				
Average of Calcium																				
Average of Magnesium																				
Avaerage of Chlorides																				
Average of Iron																				
Average of Temp pH																				
Average of Sulfide																				
Fluid Density (lb/gal)																				

Frac	
Pumpdown	
HCl 15%	
HCl 7.5%	
Difference	
Frac	
PD	
HCl	

Refresh	Wellbore Name Operator Division Pad	
Frac String :		
	Stage :	**Total/Avg**
	Date :	
	Top Perf (ft) :	7,949
	Btm Perf (ft) :	24,300
	Number of Perf Holes :	2824
	Perf Hole ID (in) :	
	TVD (ft) :	6,668
	Capacity to Top Perf (bbls) :	
	Capacity to Bottom Perf (bbls) :	
	Survey (inclination) :	
	Mid-Perf (MD) :	
	Pump Down Start Time:	1/15/26 19:21
	Pump Down Stop Time:	2/6/26 10:35
	Pumpdown Total Time:	0.52
	Stage Start Time :	1/15/26 16:06
	Stage Stop Time :	2/6/26 11:45
	Total Stage time : (hrs)	4.93
	ISIWHP (psi) :	3,194
	15 % HCl Acid (bbls) :	2,548
	Number of Perf Clusters	470
	Perf Spacing (ft)	35
	Pump down (bbls) :	7,282
	Frac Water (bbls) :	599,778
	Load to Recover (Total Vol Pumped) (bbls) :	607,060
	Slurry Volume (bbls) :	638,557
	100 Mesh (lbs) :	11,734,050
	20/40, 30/50, 30/70, & 40/70 (lbs) :	16,862,350
	Total Prop from Stim Int Prop Table (lbs) :	28,596,400
	Total Prop from StimStageTable (lbs)	28,596,400
	Avg Rate (bbls/min) :	89
	Avg Pressure (psi) :	8,143
	Max Rate (bpm) :	100
	Max Pressure (psi) :	11,485
	Break Pressure (psi) :	6,072
	ISIP (psi) :	4,849
	FG (psi/ft) :	1.15
	Biocide (gal)	2,920
	Corrosion Inhibitor (lbs)	214
	Friction Reducer (gal)	509,599
	HCL 15% (gal)	107,000
	Scale Inhibitor (gal)	2,686
	Breaker	0
	Average Density (SG)	
	Average of pH	
	Average of Conductivity	
	Average of Calcium	
	Average of Magnesium	
	Average of Chlorides	
	Average of Iron	
	Average of Temp pH	
	Average of Sulfide	
	Fluid Density (lb/gal)	

Frac	
Pumpdown	
HCl 15%	
HCl 7.5%	
Difference	
Frac	
PD	
HCl	

RECEIVED
Office Of Oil and Gas
APR 20 2026
WV Department of
Environmental Protection

Well Name: Charles Frye OHI 410H 47069003780000

LITHOLOGY/FORMATION	TOP DEPTH, MD (FT)	TOP DEPTH, TVD (FT)	BOTTOM DEPTH, MD (FT)	BOTTOM DEPTH, TVD (FT)
Base of Fresh Water	0	0	548	548
Top of Salt Water	777	777	NA	NA
Pittsburgh Coal	633	633	638	638
Pottsville (ss)	644	644	792	792
Raven Cliff (ss)	927	927	1391	1387
Maxton (ss)	1391	1387	1539	1531
Big Injun (ss)	1653	1641	1903	1882
Berea (siltstone)	2336	2299	2365	2325
Rhinestreet (shale)	6640	5835	7058	6171
Cashaqua (shale)	7058	6171	7173	6256
Middlesex (shale)	7173	6256	7289	6336
Burket (shale)	7289	6336	7327	6360
Tully (ls)	7327	6360	7373	6387
Mahantango (shale)	7373	6387	7636	6503
Marcellus (shale)	7636	6503	NA	NA

RECEIVED
Office Of Oil and Gas
APR 20 2026
WV Department of
Environmental Protection

April 14, 2026

RECEIVED
Office Of Oil and Gas
APR 20 2026
WV Department of
Environmental Protection

Taylor Brewer
Assistant Chief - Permitting
West Virginia Department of Environmental Protection
601 57th Street, SE
Charleston, WV 25304

Re: WR-34, WR-35 filing

Dear Mr. Brewer:

Please find the enclosed Final Discharge Monitoring Report and Well Operator's Report of Well Work for the Charles Frye 210H and Charles Frye 410H wells.

If you have any questions or concerns, or require any additional information, feel free to contact me at (570) 290-8837 or eric.haskins@expandenergy.com

Sincerely,

Expand Operating, LLC

Eric Haskins
Appalachia Regulatory Manager

Expand Energy Corporation
14 Chesapeake Lane, Sayre, PA 18840
570-882-7702

10/23/2026

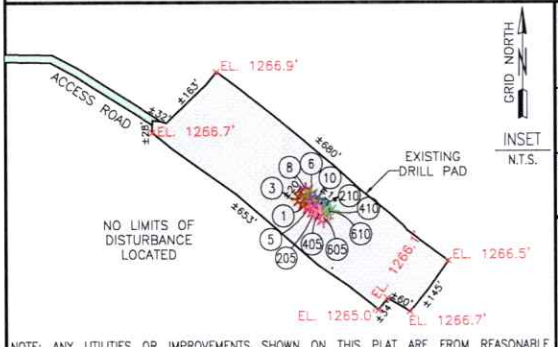
JACKSON SURVEYING
INC.
P.O. Box 1460
677 W. Main St.
Clarksburg, WV 26302
304-623-5851

GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT

SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD27): LATITUDE: 40.052997° LONGITUDE: -80.577190°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 567,455.651 EASTING: 1,698,464.230
TURNING POINT LOCATION-1 (TP1):
GEOGRAPHIC (NAD27): LATITUDE: 40.053484° LONGITUDE: -80.576545°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 567,630.917 EASTING: 1,698,636.212
TURNING POINT LOCATION-2 (TP2):
GEOGRAPHIC (NAD27): LATITUDE: 40.054222° LONGITUDE: -80.574911°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 567,894.247 EASTING: 1,699,096.661
TURNING POINT LOCATION-3 (TP3):
GEOGRAPHIC (NAD27): LATITUDE: 40.056663° LONGITUDE: -80.568117°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 568,760.709 EASTING: 1,701,009.185
LANDING POINT LOCATION (LPL):
GEOGRAPHIC (NAD27): LATITUDE: 40.055564° LONGITUDE: -80.565925°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 568,353.148 EASTING: 1,701,617.877
AZIMUTH POINT LOCATION-1 (AZL1):
GEOGRAPHIC (NAD27): LATITUDE: 40.027314° LONGITUDE: -80.548020°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 558,004.243 EASTING: 1,706,509.854
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD27): LATITUDE: 40.014204° LONGITUDE: -80.542590°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 553,211.405 EASTING: 1,707,974.846

SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83): LATITUDE: 40.053071° LONGITUDE: -80.576947°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,546,339.970 EASTING: 1,758,801.430
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,433,733.290 EASTING: 536,083.748
TURNING POINT LOCATION-1 (TPL1):
GEOGRAPHIC (NAD83): LATITUDE: 40.053557° LONGITUDE: -80.576340°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,546,518.030 EASTING: 1,758,970.400
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,433,787.563 EASTING: 536,135.250
TURNING POINT LOCATION-2 (TPL2):
GEOGRAPHIC (NAD83): LATITUDE: 40.054295° LONGITUDE: -80.574707°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,546,788.940 EASTING: 1,759,426.230
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,433,870.137 EASTING: 536,274.187
TURNING POINT LOCATION-3 (TPL3):
GEOGRAPHIC (NAD83): LATITUDE: 40.056736° LONGITUDE: -80.567912°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,547,687.000 EASTING: 1,761,323.370
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,434,143.866 EASTING: 536,852.437

LANDING POINT LOCATION (LPL):
GEOGRAPHIC (NAD83): LATITUDE: 40.055638° LONGITUDE: -80.565720°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,547,289.830 EASTING: 1,761,938.600
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,434,022.808 EASTING: 537,039.959
AZIMUTH POINT LOCATION-1 (AZL1):
GEOGRAPHIC (NAD83): LATITUDE: 40.027388° LONGITUDE: -80.547814°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,537,027.880 EASTING: 1,767,001.500
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,430,894.960 EASTING: 538,583.134
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83): LATITUDE: 40.014279° LONGITUDE: -80.542384°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,532,261.890 EASTING: 1,768,546.020
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,429,442.283 EASTING: 539,053.905



NOTE: ANY UTILITIES OR IMPROVEMENTS SHOWN ON THIS PLAT ARE FROM REASONABLE VISUAL OBSERVATIONS. NO UTILITY COMPANIES WERE CONTACTED FOR UTILITY LINE LOCATIONS.

LEGEND:
- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- ABANDONED WELL
- PLUGGED & ABANDONED WELL
- LPL LANDING POINT LOCATION
- DRILLING UNIT
- LEASE BOUNDARY
- HARDLINE BOUNDARY
- UPP 2 UPPER POINT PLEASANT PATH
- MAR 2 MARCELLUS PATH

COMPANY: expand

OPERATOR'S WELL #:	CHARLES FRYE OHI 410H	
DISTRICT: TRIADELPHIA	COUNTY: OHIO	STATE: WV

EXPAND OPERATING LLC
SURFACE HOLES
1. "CHARLES FRYE OHI 1H"
3. "CHARLES FRYE OHI 3H"
5. "CHARLES FRYE OHI 5H"
6. "CHARLES FRYE OHI 6H"
8. "CHARLES FRYE OHI 8H"
10. "CHARLES FRYE OHI 10H"
205. "CHARLES FRYE OHI 205H"
210. "CHARLES FRYE OHI 210H"
410. "CHARLES FRYE OHI 410H"
610. "CHARLES FRYE OHI 610H"

REVISIONS:	DATE: 10-07-2025
	DRAWN BY: N. MANO
	SCALE: 1" = 2000'
	DRAWING NO:
	INTERNAL WELL PLAT 1

Z:\2025 BACKUPS\1-02-25 DJ\EXPAND\CHARLES FRYE OHI\WELL PLATS\FINAL\410H\FINAL\FINAL FRYE 410H 10-07-25\FINAL CHARLES FRYE 410H 10-07-25.DWG
TUESDAY OCTOBER 07 2025 07:54AM

PROPERTY NUMBER 2501637Z
PAD ID 3001155647

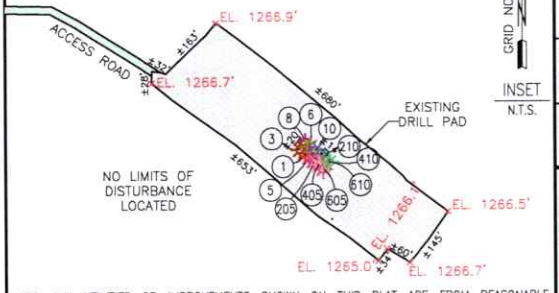
10/23/2026

JACKSON SURVEYING
INC.
P.O. Box 1460
677 W. Main St.
Clarksburg, WV 26302
304-623-5851

GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT

SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD27): LATITUDE: 40.052997' LONGITUDE: -80.577150'
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 567,455.777 EASTING: 1,698,464.595
LANDING POINT LOCATION (LPL):
GEOGRAPHIC (NAD27): LATITUDE: 40.055594' LONGITUDE: -80.565845'
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 568,363.740 EASTING: 1,701,640.399
AZIMUTH POINT LOCATION-1 (AZL1):
GEOGRAPHIC (NAD27): LATITUDE: 40.027413' LONGITUDE: -80.547924'
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 558,039.967 EASTING: 1,706,537.081
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD27): LATITUDE: 40.014125' LONGITUDE: -80.542483'
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 553,182.408 EASTING: 1,708,004.432

SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83): LATITUDE: 40.053071' LONGITUDE: -80.576946'
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,546,340.103 EASTING: 1,758,801.793
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,433,733.331 EASTING: 536,083.859
LANDING POINT LOCATION (LPL):
GEOGRAPHIC (NAD83): LATITUDE: 40.055667' LONGITUDE: -80.565640'
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,547,300.795 EASTING: 1,761,960.935
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,434,026.150 EASTING: 537,046.767
AZIMUTH POINT LOCATION-1 (AZL1):
GEOGRAPHIC (NAD83): LATITUDE: 40.027487' LONGITUDE: -80.547718'
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,537,064.043 EASTING: 1,767,028.117
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,430,905.982 EASTING: 538,591.247
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83): LATITUDE: 40.014200' LONGITUDE: -80.542277'
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,532,233.403 EASTING: 1,768,576.078
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,429,433.600 EASTING: 539,063.067



GRID NORTH
INSET
N.T.S.

NOTE: ANY UTILITIES OR IMPROVEMENTS SHOWN ON THIS PLAT ARE FROM REASONABLE VISUAL OBSERVATIONS. NO UTILITY COMPANIES WERE CONTACTED FOR UTILITY LINE LOCATIONS.

LEGEND:
- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- ABANDONED WELL
- PLUGGED & ABANDONED WELL
- LPL LANDING POINT LOCATION
- DRILLING UNIT
- LEASE BOUNDARY
- HARDLINE BOUNDARY
- UPP 2 UPPER POINT PLEASANT PATH
- MAR 2 MARCELLUS PATH

COMPANY: expand

OPERATOR'S WELL #: CHARLES FRYE OHI 410H

DISTRICT:	COUNTY:	STATE:
TRIADELPHIA	OHIO	WV

EXPAND OPERATING LLC
SURFACE HOLES
1. "CHARLES FRYE OHI 1H"
3. "CHARLES FRYE OHI 3H"
5. "CHARLES FRYE OHI 5H"
6. "CHARLES FRYE OHI 6H"
8. "CHARLES FRYE OHI 8H"
10. "CHARLES FRYE OHI 10H"
205. "CHARLES FRYE OHI 205H"
210. "CHARLES FRYE OHI 210H"
410. "CHARLES FRYE OHI 410H"
610. "CHARLES FRYE OHI 610H"

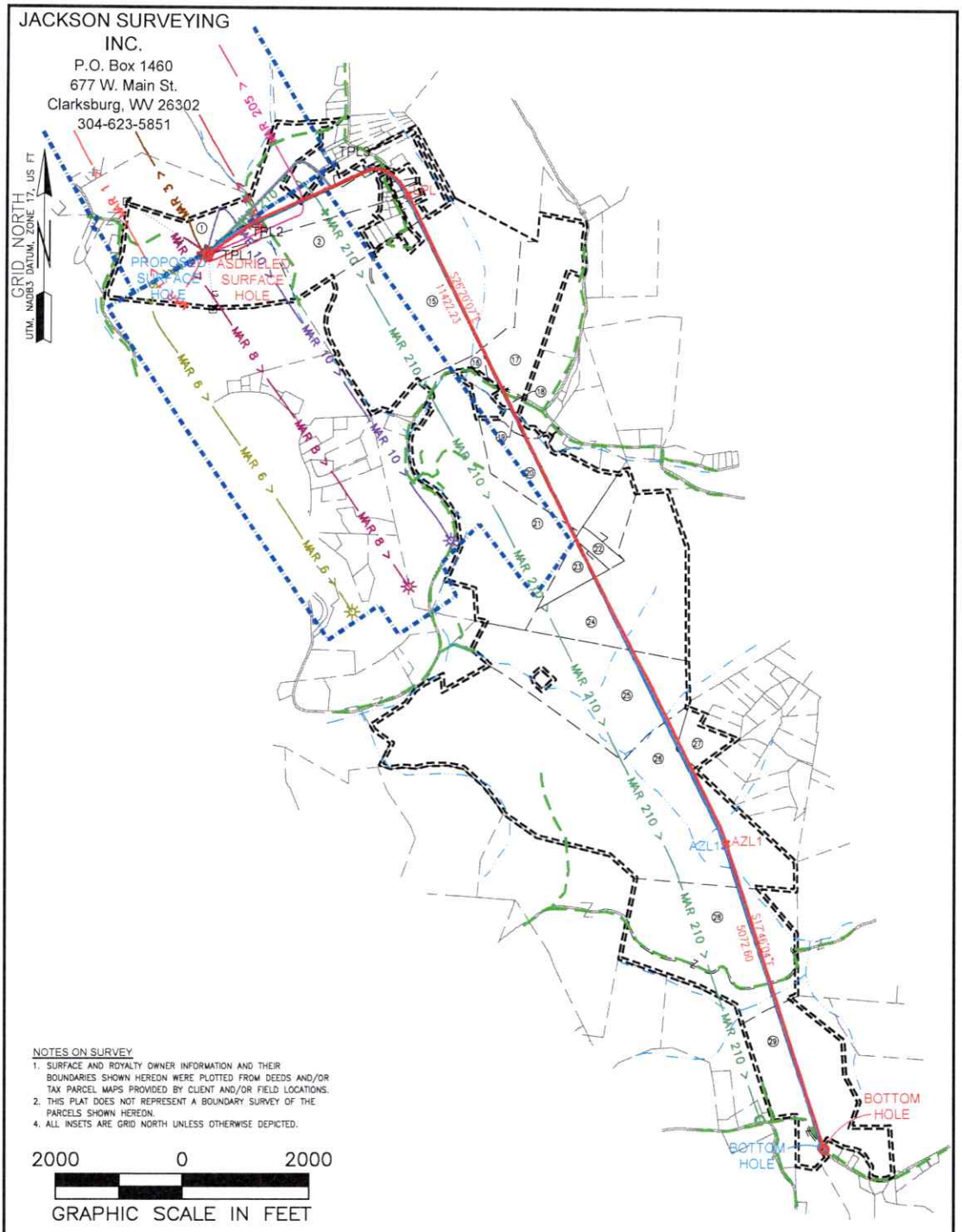
REVISIONS:	DATE: 10-07-2025
	DRAWN BY:N. MANO
	SCALE: 1" = 2000'
	DRAWING NO:
	INTERNAL WELL PLAT 2

Z:\2025 BACKUPS\1-02-25 DJ\EXPAND\CHARLES FRYE OHI\WELL PLATS\FINAL\410H\FINAL\FINAL FRYE 410H 10-07-25\FINAL CHARLES FRYE 410H 10-07-25.DWG
TUESDAY OCTOBER 07 2025 07:54AM

PROPERTY NUMBER 25011976
PAD ID 3001155647

10/23/2026

JACKSON SURVEYING INC.
P.O. Box 1460
677 W. Main St.
Clarksburg, WV 26302
304-623-5851

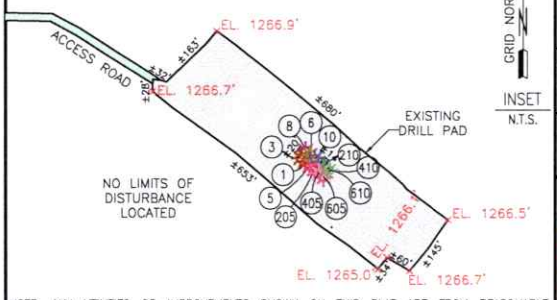


NOTES ON SURVEY

1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

2000 0 2000

GRAPHIC SCALE IN FEET



NOTE: ANY UTILITIES OR IMPROVEMENTS SHOWN ON THIS PLAT ARE FROM REASONABLE VISUAL OBSERVATIONS. NO UTILITY COMPANIES WERE CONTACTED FOR UTILITY LINE LOCATIONS.

LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- ABANDONED WELL
- PLUGGED & ABANDONED WELL
- LPL LANDING POINT LOCATION
- DRILLING UNIT
- LEASE BOUNDARY
- HARDLINE BOUNDARY
- UPP 2 > UPPER POINT PLEASANT PATH
- MAR 2 > MARCELLUS PATH

COMPANY: expand

OPERATOR'S WELL #: CHARLES FRYE OHI 410H

DISTRICT:	COUNTY:	STATE:
TRIADELPHIA	OHIO	WV

EXPAND OPERATING LLC
SURFACE HOLES

1. "CHARLES FRYE OHI 1H"
3. "CHARLES FRYE OHI 3H"
5. "CHARLES FRYE OHI 5H"
6. "CHARLES FRYE OHI 6H"
8. "CHARLES FRYE OHI 8H"
10. "CHARLES FRYE OHI 10H"
205. "CHARLES FRYE OHI 205H"
210. "CHARLES FRYE OHI 210H"
410. "CHARLES FRYE OHI 410H"
610. "CHARLES FRYE OHI 610H"

REVISIONS:	DATE: 10-07-2025
	DRAWN BY:N. MANO
	SCALE: 1" = 2000'
	DRAWING NO:
	INTERNAL WELL PLAT 3/

Z:\2025 BACKUPS\1-02-25 DJ\EXPAND\CHARLES FRYE OHI\WELL PLATS\FINAL\410H\FINAL\FINAL FRYE 410H 10-07-25\FINAL CHARLES FRYE 410H 10-07-25.DWG
TUESDAY OCTOBER 07 2025 07:55AM

PROPERTY NUMBER 250116767
PAD ID 3001155647

10/23/2026

Latitude: 40°05'00"(SHL) — SURFACE HOLE 9872' — Latitude: 40°02'30" — BOTTOM HOLE 171'

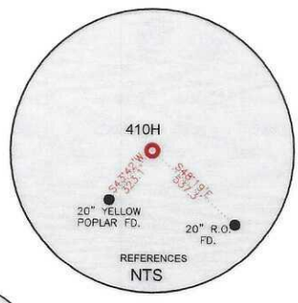
JACKSON SURVEYING INC.
P.O. Box 1460
677 W. Main St.
Clarksburg, WV 26302
304-623-5851

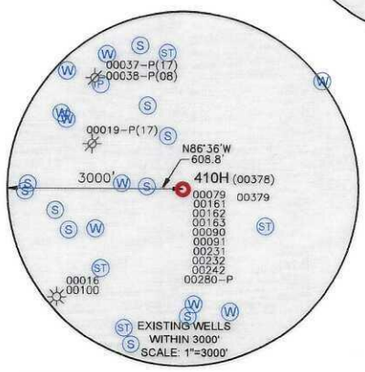
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,433,733.290 EASTING: 536,083.748
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,434,022.808 EASTING: 537,039.959
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,429,442.283 EASTING: 539,053.905

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,433,733.331 EASTING: 536,083.859
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,434,026.150 EASTING: 537,046.767
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,429,433.600 EASTING: 539,063.067

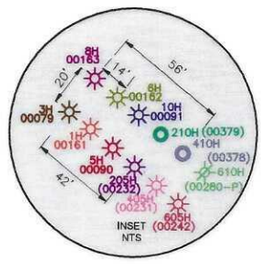
LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 57°23'07" W	1536.59'	SHL TO LANDMARK	CNR FENCE POST
L2	S 05°01'57" E	870.32'	SHL TO LANDMARK	LARGE STONE
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 73°05'08" E	3301.98'	3682.52'	SHL TO LPL

GRID NORTH
UTM, NAD83, DATUM, ZONE 17, US FT





SHL



BHL

Longitude: 80°32'30" — SURFACE HOLE 11024' — BOTTOM HOLE 10006' — Longitude: 80°32'30"

WELL RESTRICTIONS

1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
5. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
6. NO GROUND INTAKE OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF WELL PAD, LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.

NOTES ON SURVEY

1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 708 David L Jackson

DAVID JACKSON LICENSED No. 708 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

2000 0 2000
GRAPHIC SCALE IN FEET

COMPANY: expand

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)

OPERATOR'S WELL #: CHARLES FRYE OHI 410H

API WELL #: 47 (STATE) 069 (COUNTY) 00378 (PERMIT)

WELL TYPE: OIL ☐ WASTE DISPOSAL ☐ PRODUCTION ☒ DEEP ☐ GAS ☒ LIQUID INJECTION ☐ STORAGE ☐ SHALLOW ☒

WATERSHED: MARLOW RUN OF MIDDLE WHEELING CREEK — ELEVATION: 1266.8'

DISTRICT: TRIADELPHIA — COUNTY: OHIO — QUADRANGLE: VALLEY GROVE, WV

SURFACE OWNER: DOROTHY FRYE — ACREAGE: ±105.00

OIL & GAS ROYALTY OWNER: DOROTHY V. FRYE, WIDOW — ACREAGE: ±105.00

DRILL ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION ☐ PERFORATE NEW FORMATION ☐

CONVERT ☐ PLUG & ABANDON ☐ CLEAN OUT & REPLUG ☐ OTHER CHANGE ☒ (SPECIFY) ASDRILLED 10/23/2026

TARGET FORMATION: MARCELLUS — ESTIMATED DEPTH: 6,759 TVD 24,317 TMD

WELL OPERATOR: EXPAND OPERATING LLC
ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

DESIGNATED AGENT: BRITTANY WOODY
ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND:
- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- LPL LANDING POINT LOCATION
- (W) EXISTING WATER WELL
- (S) EXISTING SPRING
- SURVEYED BOUNDARY
- DRILLING UNIT
- LEASE BOUNDARY
- ASDRILLED PATH
- PROPOSED PATH

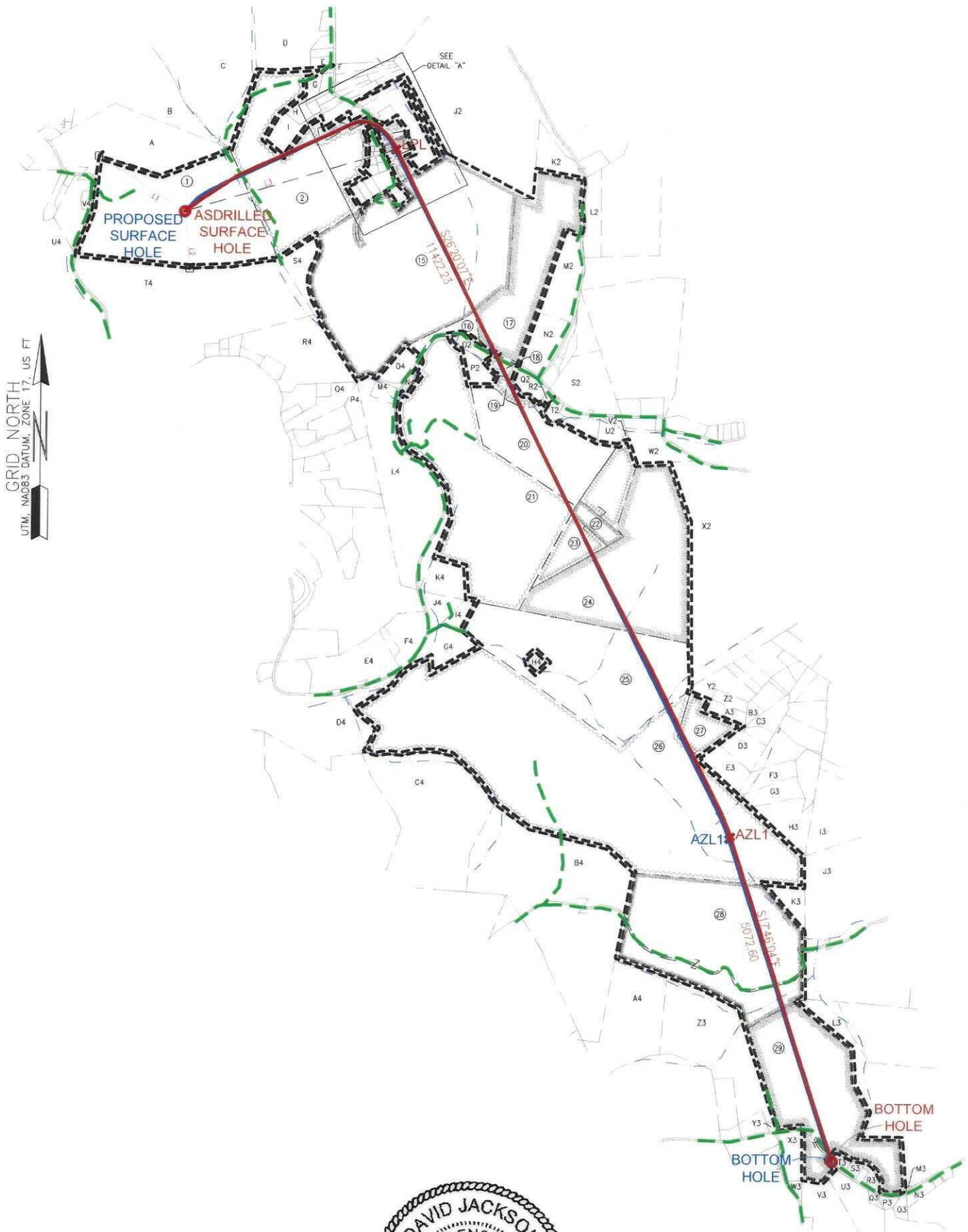
REVISIONS:	DATE: 10-07-2025
	DRAWN BY: N. MANO
	SCALE: 1" = 2000'
	DRAWING NO:
	WELL LOCATION PLAT

Z:\2025 BACKUPS\1-02-25 DJ\EXPAND\CHARLES FRYE OHI\WELL PLATS\FINAL\410H\FINAL\FINAL FRYE 410H 10-07-25\FINAL CHARLES FRYE 410H 10-07-25

TUESDAY OCTOBER 07 2025 07:50AM

PROPERTY NUMBER 2501163767
PAD ID 3001155647

JACKSON SURVEYING
INC.
P.O. Box 1460
677 W. Main St.
Clarksburg, WV 26302
304-623-5851



I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 708 David L Jackson

DAVID JACKSON LICENSED No. 708 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

10/23/2026

REVISIONS:	COMPANY: expand			
	OPERATOR'S WELL #: CHARLES FRYE OHI 410H		API #: 47-069-00378	DATE: 10-07-2025
	DISTRICT: TRIADELPHIA	COUNTY: OHIO	STATE: WV	DRAWN BY:N. MANO SCALE: N/A DRAWING NO: WELL LOCATION PLAT 2

Z:\2025 BACKUPS\1-02-25 DJ\EXPAND\CHARLES FRYE OHI\WELL PLATS\FINAL\410H\FINAL\FINAL FRYE 410H 10-07-25\FINAL CHARLES FRYE 410H 10-07-25.DWG
TUESDAY OCTOBER 07 2025 07:52AM

JACKSON SURVEYING
INC.
P.O. Box 1460
677 W. Main St.
Clarksburg, WV 26302
304-623-5851

DETAIL "A"



I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 708 David L Jackson

DAVID JACKSON LICENSED No. 708 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

10/23/2026

REVISIONS:	COMPANY: expand			
	OPERATOR'S WELL #:	CHARLES FRYE OHI 410H	API #: 47-069-00378	DATE: 10-07-2025
	DISTRICT: TRIADELPHIA	COUNTY: OHIO	STATE: WV	DRAWN BY: N. MANO SCALE: N/A DRAWING NO: WELL LOCATION PLAT 3

Z:\2025 BACKUPS\1-02-25 DJ\EXPAND\CHARLES FRYE OHI\WELL PLATS\FINAL\410H\FINAL\FINAL FRYE 410H 10-07-25\FINAL CHARLES FRYE 410H 10-07-25.DWG
TUESDAY OCTOBER 07 2025 07:52AM

JACKSON SURVEYING
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Clarksburg, WV 26302
304-623-5851

WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	FRYE DOROTHY; FRYE DAVID W (RT TO OCC) (S/R)	6-T14-1
TRACT	SURFACE OWNER (S)	TAX PARCEL
2	DUNN NANCY (LE) ; POSEY, DUNN, HAND & KERCHER (S)	6-T9-20
3	DUNN CHRISTOPHER R & TANAKA H (S)	6-T9-20.46
4	KERCHER CONCTANCE L (S)	6-T9-20.49
5	POSEY THOMAS AND KATHERINE (S)	6-T9-20.43
6	DUNN NANCY (LE); POSEY, DUNN, HAND & KERCHER (S)	6-T9-20.50
7	ABERCROMBIE ABIGAIL & JAMES TYLER ABERCROMBIE (S)	6-T9-20.30
8	KLEIN MICHAEL R (S)	6-T9-20.9
9	USENICK JODY H (S)	6-T9-20.12
10	GANTZER THOMAS CHRISTIAN; GANTZER T C JR & V S (OCC) (S)	6-T9-20.33
11	GANTZER THOMAS C JR ET AL (S)	6-T9-20.7
12	GANTZER THOMAS C JR ET AL (S)	6-T9-20.4
13	GANTZER THOMAS CHRISTIAN; GANTZER T C JR & V S (OCC) (S)	6-T9-20.40
14	FLICK HUMPHREY D III & APRIL LUV FLICK (S)	6-T9-20.10
15	MCKENZIE FAMILY TRUST; J D & F M MCKENZIE TRUSTEES (S)	6-T14-12
16	NASH ELIZABETH R; HEITZ ROBERT T (S)	6-T14-13
17	OHIO VALLEY INC. & BUS DEV CORP. (S)	6-T14-24.1
18	ORUM JOHN W JR (S)	6-T14-24.4
19	PATTISON ERIC & CAROLYN (S)	6-T14-23.8
20	ORUM JOHN W JR (S)	6-T14-23.10
21	BLACK DIAMOND GIRL SCOUT; COUNCIL INC (S)	6-T14-14
22	RYBECK THEODORE B; BRODSKY ELLEN G (S)	6-T14-22.1
23	RYBECK THEODORE B; BRODSKY ELLEN G (S)	6-T14-22
24	RYBECK BLANCHE F (S)	6-T14-22.3
25	FOSTER MARK A & AMY M (S)	6-T14-21.1
26	WEEKS JOHN E & MARIMAR (S)	6-T19-6
27	MOCZEK CLARA L (S)	6-T14-52
28	YODER, MARVIN A & ANDREW A. YODER (S)	6-T19-11
29	HILLBERRY GARRY L & DENISE L (S)	12-5-1

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	CRAIG KENNETH W & L	6-T8-53
B	AB HOLDING DE LLC	6-T8-47
C	DALLAS PIKE CAMPGROUND LLC C/O KERR DEVELOPMENT	6-T9-16
D	YOHO, KIMBERLY A, SANDRA K. MILLER, DEBORAH L. EHLERS & VAN A SAMPSON	6-T9-17
E	DOLENCE BRIAN D & DONNA J	6-T9-17.1
F	DEGENNARO EVELYN BETH S	6-T9-20.3
G	THAXTON DEXTER J & HAND MEGAN R	6-T9-20.18
H	MARQUART PHILLIP & KERSTEN	6-T9-20.45
I	PORTER SARAH ANN	6-T9-20.44
J	DUNN NANCY (LE); POSEY, DUNN, HAND & KERCHER	6-T9-20.2
K	POSEY THOMAS E & K A	6-T9-20.36
L	POSEY THOMAS & KATHERINE A	6-T9-20.42
M	POSEY THOMAS & KATHERINE A	6-T9-20.27
N	ABERCROMBIE, ABIGAIL & JAMES TYLER ABERCROMBIE	6-T9-20.29
O	GEAR KELLY JO	6-T9-20.23
P	WHEELER MICHAEL J	6-T9-20.31
Q	WHEELER MICHAEL J	6-T9-20.26
R	WHEELER MICHAEL J	6-T9-20.37
S	KING FRANKLIN & CHRISTA	6-T9-20.47
T	KING FRANKLIN & CHRISTA	6-T9-20.32
U	SUBASIC KRYSTIN L	6-T9-20.1
V	CONRAD VANESSA MARIE & COLE Y	6-T9-20.20
W	NASH MICHAEL W & C J	6-T9-20.19
X	OLIVER LISA A	6-T9-20.21
Y	MCKENZIE THOMAS; MCKENZIE STEPHANIE	6-T14-12.1
Z	KING FRANKLIN & CHRISTA	6-T9-20.24
A2	LANTZ RICKY J & D A	6-T9-20.25
B2	WHEELER MICHAEL J	6-T9-20.28
C2	WHEELER MICHAEL J	6-T9-20.34
D2	HAND BRADLEY W & R L	6-T9-20.38
E2	KOVALSKI DAVID L III & JOCELYN N	6-T9-20.48
F2	ORTH MICHAEL P & BRENDA K CUNNINGHAM	6-T9-20.35
G2	WILLIAMS DAVID A AND JANIE G	6-T9-20.13
H2	WILLIAMS DAVID A AND JANIE G	6-T9-20.11
I2	WILLIAMS DAVID A AND JANIE G	6-T9-20.14
J2	OHIO VALLEY INC. & BUS DEV CORP.	6-T9-29
K2	CLARK JOHN C & SOSKA REBECCA L	6-T9-30
L2	CLARK JOHN C & REBECCA L	6-T14-25
M2	VENEZIA ENTERPRISES	6-T14-24.6
N2	EDWARDS GREGORY S & STAPEL JUDY L	6-T14-24.8
O2	STILL CLEATUS	6-T14-24.5
P2	EBBERT MICHAEL P	6-T14-23.7
Q2	GREGORY S EDWARDS LEASING INC	6-T14-24
R2	ORUM JOHN W JR	6-T14-23.4
S2	ORUM DOUGLAS BRIAN	6-T14-23
T2	ORUM DOUGLAS BRIAN	6-T14-23.5
U2	ANDERSON PAUL & VERNA	6-T14-23.6
V2	SUPLER GREGORY E SR & PEGGY S	6-T14-22.2

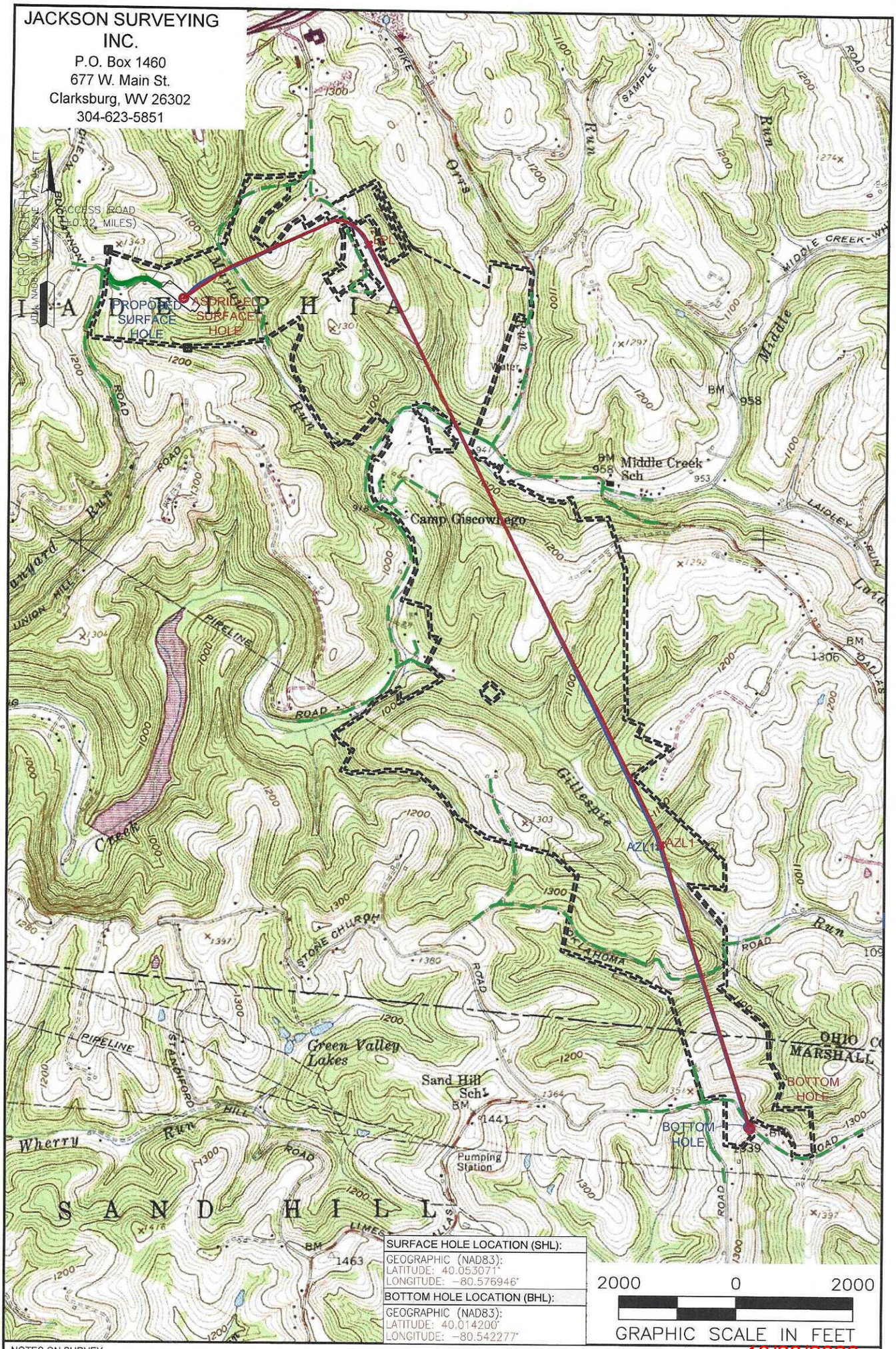
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
W2	SUPLER PEGGY S & GREGORY E	6-T14-26.7
X2	HICKMAN LG; HICKMAN JM; HICKMAN CL; HICKMAN CS	6-T14-38
Y2	HEANE CODY E	6-T14-52.5
Z2	MOCZEK PRESTON R	6-T14-52.1
A3	MOCZEK CLARA L	6-T14-52.2
B3	HEANE CODY R	6-T14-51.1
C3	STRAIT CHRISTOPHER D	6-T19-13.3
D3	ANTHONY LOUIS J & N M	6-T19-13
E3	ANTHONY MITCHELL J	6-T19-13.1
F3	LICHWA MARK F & KATHLEEN A	6-T19-19
G3	LICHWA MARK F	6-T19-22
H3	LICHWA KATHLEEN A	6-T19-24
I3	LICHWA MARK & KATHY	6-T19-8.1
J3	STEIN CASEY	6-T19-9
K3	MOORE LYNN E & KELLEY S	6-T19-10
L3	MYERS ERIN	12-5-9
M3	WILSON VIRGINIA M EST	12-5-9.1
N3	SCOTT EDWARD & REBECCA	12-5-9.2
O3	RIGGLE KELLY S & BRENTON R WOOD	12-5-8.2
P3	SCOTT EDWARD E ET UX	12-5-8.1
Q3	WILSON ROBERT	12-5-2.1
R3	MCCARDLE WILLIAM NILE ET UX	12-5-1.4
S3	ROGERSON MASYN	12-5-1.2
T3	ROGERSON MASYN	12-5-1.1
U3	WILSON ROBERT	12-5-2
V3	HERRICK DARLA K ETAL	12-5-3
W3	DURIG SUSAN M & NEAL T	12-4-9.1
X3	AUBER CHARLES R & JUDITH ANN; IRREVOCABLE TRUST	12-4-9
Y3	BOGGS WENDY LIN & JEFFERY S	12-4-7.1
Z3	ZARNOCH STANLEY W JR ET UX	12-4-7.6
A4	AUBER CHARLES R & JUDITH ANN; IRREVOCABLE TRUST	12-4-7.7
B4	YODER, MARVIN A., ANDREW A. YODER & ALVIN A. YODER	6-T19-12
C4	HOLMES MITCHELL R & P A	6-T19-5
D4	WHEELING CREEK WATERSHED PROT & FLOOD PROTECTION COMM	6-T14-6
E4	SOEHNLEIN COLLEEN MARIE & KENNETH W SOEHNLEIN JR	6-T14-8
F4	WEITZEL JOHN E & TRINA M - TOD	6-T14-9
G4	WEITZEL JOHN E & TRINA M - TOD	6-T14-17
H4	FOSTER MARK A & AMY M	6-T14-21.3
I4	CLOVIS DANA EUGENE	6-T14-20
J4	CLOVIS DANA E & R J	6-T14-19
K4	ALDERMAN CHAS S & D J	6-T14-16
L4	STEPHEN BETH ANN ET AL; C/O MARTIN BETH ANN	6-T14-15
M4	SINGER DAVID L & R A	6-T14-15.2
N4	PERKO KARYL & CHRISTOPHER-TOD	6-T14-14.1
O4	NASH ELIZABETH ROSE; C/O HEITZ ELIZABETH	6-T14-13.1
P4	LUZADER RICHARD J	6-T14-11.1
Q4	SHAFFER KARI A & SHANE R	6-T14-11.10
R4	MOFFITT DAVID R & LINDA J	6-T14-3
S4	CROFT MATTHEW J AND SADIE L	6-T14-61
T4	MEYER ZACHARY ALLAN	6-T14-2
U4	CRAIG DEBORAH ANN; CRAIG SETH COLLIN	6-T13-16
V4	BISE HEATHER L	6-T8-53.1

10/23/2026

REVISIONS:	COMPANY: expand			
	OPERATOR'S WELL #: CHARLES FRYE OHI 410H		API #: 47-069-00378	DATE: 10-07-2025
				DRAWN BY: N. MANO
	DISTRICT: TRIADELPHIA	COUNTY: OHIO	STATE: WV	SCALE: N/A
				DRAWING NO:
				WELL LOCATION PLAT 4

Z:\2025 BACKUPS\1-02-25 DJ\EXPAND\CHARLES FRYE OHI\WELL PLATS\FINAL\410H\FINAL\FINAL FRYE 410H 10-07-25\FINAL CHARLES FRYE 410H 10-07-25.DWG
TUESDAY OCTOBER 07 2025 07:52AM

JACKSON SURVEYING INC.
P.O. Box 1460
677 W. Main St.
Clarksburg, WV 26302
304-623-5851



NOTES ON SURVEY

1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- LPL LANDING POINT LOCATION
- FLOOD PLAIN
- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH
- ASDRILLED PATH

10/23/2026

WELL OPERATOR: EXPAND OPERATING LLC	WELL (FARM) NAME: CHARLES FRYE OHI	WELL # 410H	SERIAL #
ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200 MORGANTOWN, WV 26508	COUNTY – CODE OHIO – 069	DISTRICT; TRIADELPHIA	
SURFACE OWNER: DOROTHY FRYE	USGS 7 1/2 QUADRANGLE MAP NAME VALLEY GROVE, WV	API #: 47-069-00378	

Z:\2025 BACKUPS\1-02-25 DJ\EXPAND\CHARLES FRYE OHI\WELL PLATS\FINAL\410H\FINAL\FINAL FRYE 410H 10-07-25\FINAL CHARLES FRYE 410H 10-07-25.DWG
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