

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

API 47 - 051 - 02521 County Marshall District Sandhill
Quad Valley Grove Pad Name Michael Southworth Field/Pool Name _____
Farm name Michael Southworth MSH Well Number 206H
Operator (as registered with the OOG) SWN Production Company LLC
Address PO Box 12359 City Spring State TX Zip 77391

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,429,235.747 Easting 532,871.448
Landing Point of Curve Northing 4,429,081.448 Easting 532,446.255
Bottom Hole Northing 4,425,287.192 Easting 534,234.974

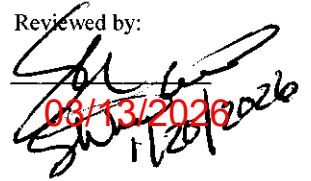
Elevation (ft) 1,271 GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining 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 2024-10-17 Date drilling commenced 2025-03-09 Date drilling ceased 2025-03-19
Date completion activities began 2025-07-26 Date completion activities ceased 2025-08-22
Verbal plugging (Y/N) N Date permission granted N/A Granted By _____

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

Freshwater depth(s) ft 632' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1,403' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 734' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:

08/13/2026

API 47-051 - 02521 Farm name Michael Southworth MSH Well number 206H

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	136		J-55		Y
Surface	17.500	13.375	820		J-55		Y
Coal							
Intermediate 1	12.250	9.625	2,054		J-55		Y
Intermediate 2							
Intermediate 3							
Production	8.500	5.500	20,812		P-110HP		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	824	15.6	1.19	0	Surface	8
Coal							
Intermediate 1	Class A	753	15.6	1.18	0	Surface	8
Intermediate 2							
Intermediate 3							
Production	Class A	3,756	14.5	1.26	0	Surface	24
Tubing							

Drillers TD (ft) 20,812 Loggers TD (ft) 20,812

Deepest formation penetrated Marcellus Plug back to (ft) 0

Plug back procedure N/A

Kick off depth (ft) 5,678

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 _____

DEC 04 2025
 [Signature]
 [Title]

API 47- 051 - 02521

Farm name Michael Southworth MSH

Well number 206H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	SEE ATTACH				

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)
	SEE AT							

Please insert additional pages as applicable.

API 47- 051 - 02521 Farm name Michael Southworth MSH Well number 206H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
<u>Marcellus</u>	<u>6,370'</u> TVD	<u>6,860'</u> MD
_____	_____	_____
_____	_____	_____
_____	_____	_____

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 1,009 psi Bottom Hole 4,898 psi DURATION OF TEST 24 hrs

OPEN FLOW Gas 10,606 mcfpd Oil 521 bpd NGL 0 bpd Water 2,947 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME 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 ₂ S, ETC)
	<u>0</u>		<u>0</u>		
	<u>SEE ATTACHMENT 3</u>				

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 12/03/2025

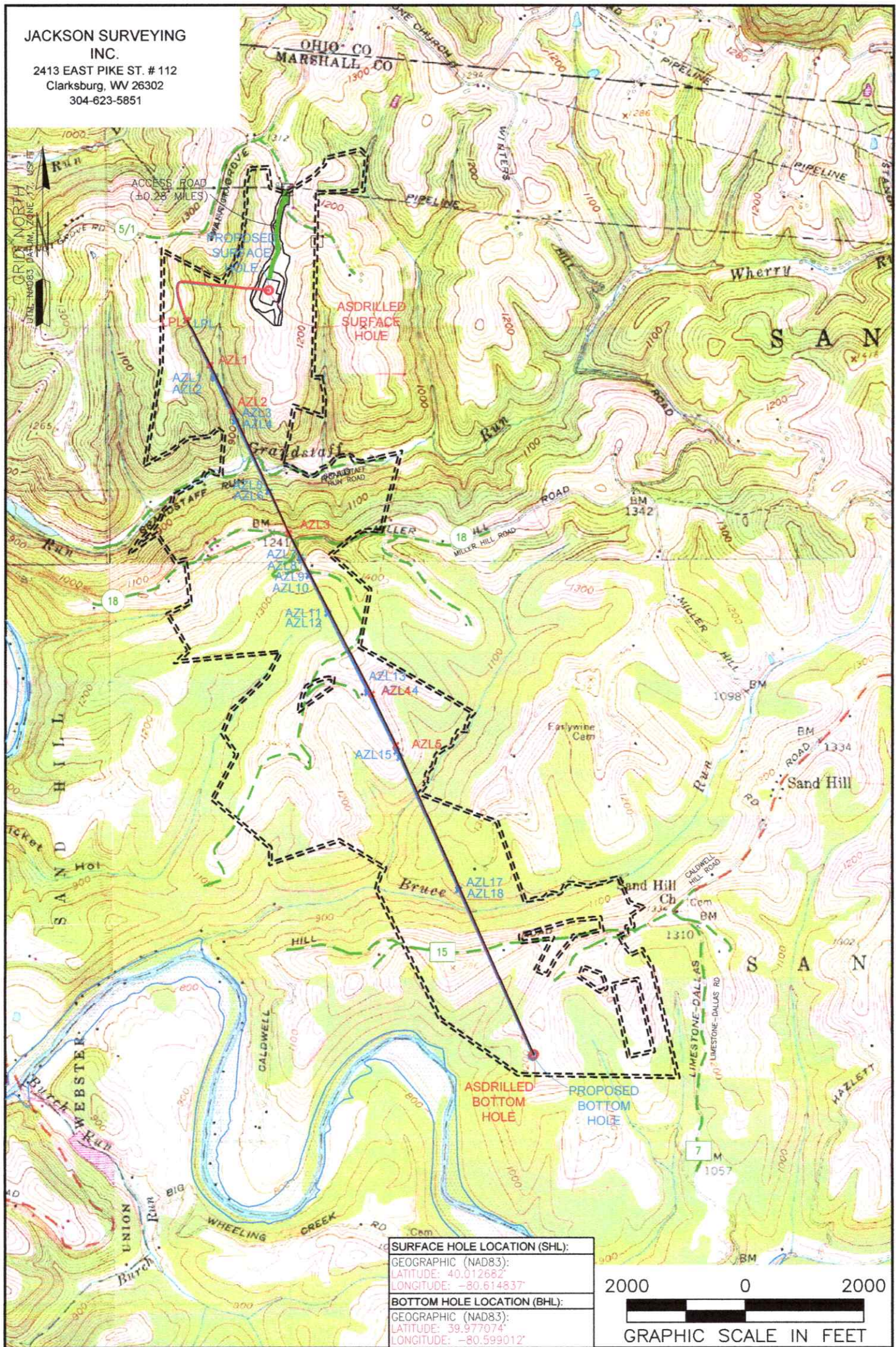
Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

03/13/2026

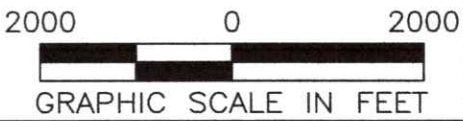
JACKSON SURVEYING

INC.

2413 EAST PIKE ST. # 112
Clarksburg, WV 26302
304-623-5851



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.012682
LONGITUDE: -80.614837
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.977074
LONGITUDE: -80.599012



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
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH
- ASDRILLED PATH

03/13/2026

WELL OPERATOR:
EXPAND OPERATING LLC

ADDRESS:
1300 FORT PIERPONT ROAD, SUITE 200 MORGANTOWN, WV 26508

SURFACE OWNER:
BARRY A. & KIMBERLY S. LITMAN

WELL (FARM) NAME:
MICHAEL SOUTHWORTH MSH

COUNTY - CODE
MARSHALL - 051

USGS 7 1/2 QUADRANGLE MAP NAME
VALLEY GROVE, WV

WELL #
206H

DISTRICT;
SANDHILL

API #:
47-051-02521

Latitude: 40°02'30"

SURFACE HOLE 8,821'

Latitude: 40°00'00"

BOTTOM HOLE 4,393'

JACKSON SURVEYING INC.

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304-623-5851

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

Table with 2 columns: Location Type (SHL, LPL, BHL) and UTM Coordinates (Northing, Easting).

Table with 5 columns: LINE, BEARING, DISTANCE, DESCRIPTION, MONUMENT. Contains survey data for lines L1 through L5.

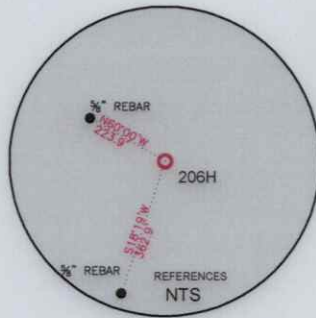
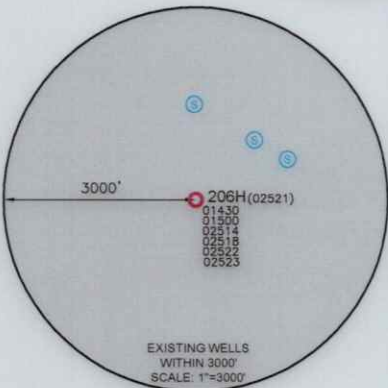
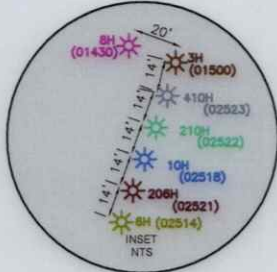


Table with 2 columns: Location Type (SHL, LPL, BHL) and UTM Coordinates (Northing, Easting).

WELL RESTRICTIONS

- List of 6 restrictions regarding well placement, including distances from dwellings, buildings, streams, and public water supply.

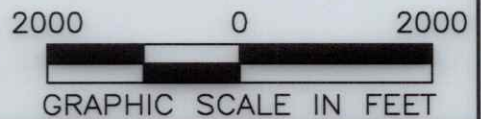
NOTES ON SURVEY

- List of 4 notes regarding survey boundaries, parcel maps, and grid north orientation.

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

Signature of David L Jackson



COMPANY:



State of West Virginia seal and WVDEP contact information: 601 57TH STREET CHARLESTON, WV 25034

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

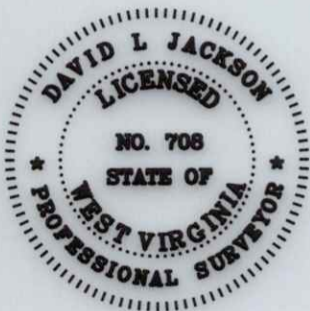
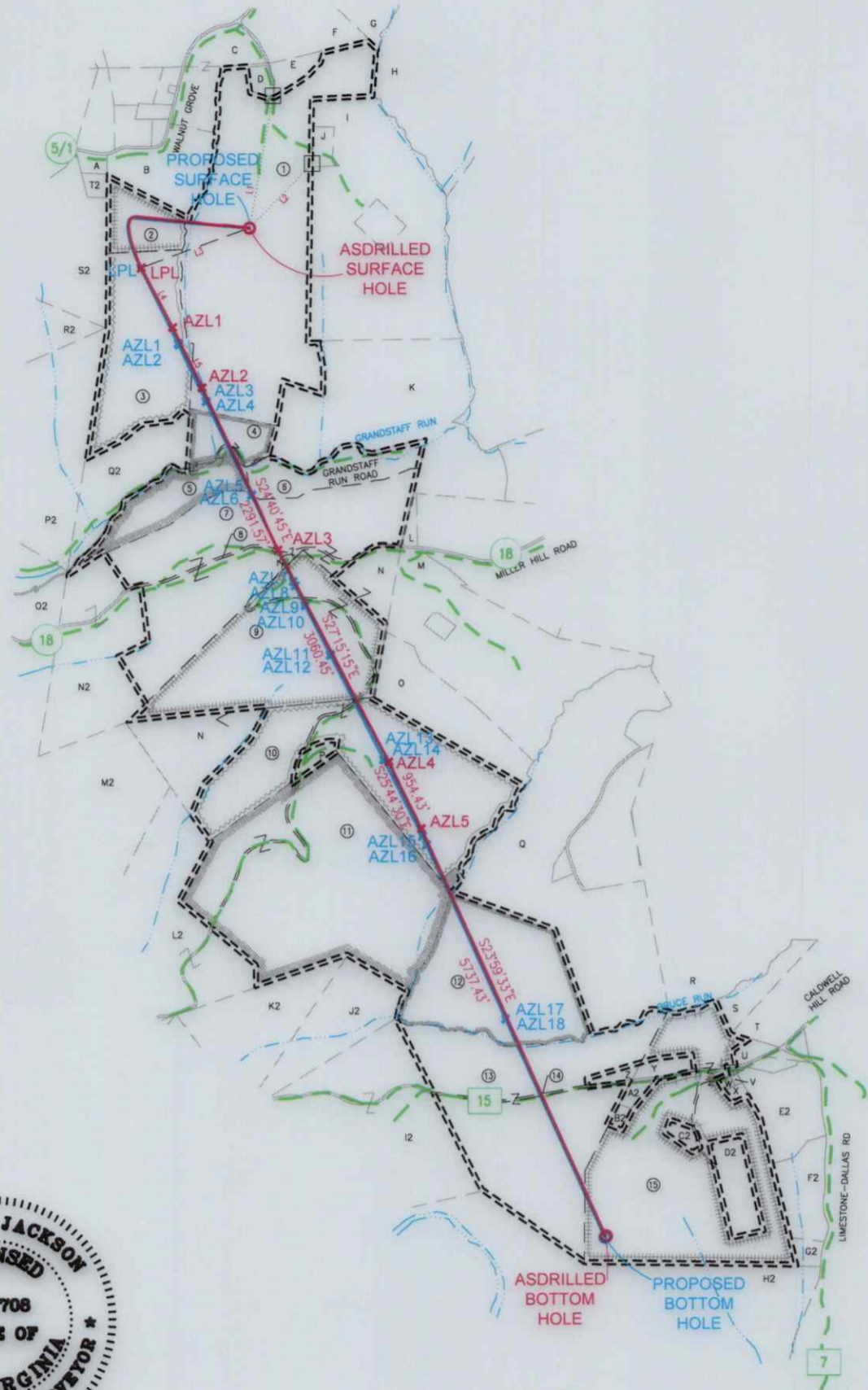
MICHAEL SOUTHWORTH MSH
OPERATOR'S WELL #: 206H
API WELL #: 47 STATE 051 COUNTY 02521 PERMIT

Form with well details: WELL TYPE (Production checked), WATERSHED (Grandstaff Run), DISTRICT (Sandhill), COUNTY (Marshall), SURFACE OWNER (Barry A. & Kimberly S. Litman), OIL & GAS ROYALTY OWNER (Barry A. & Kimberly S. Litman), DRILL (Asdrilled checked), TARGET FORMATION (Marcellus), ESTIMATED DEPTH (6,570 TMD).

Form with operator and agent info: WELL OPERATOR: EXPAND OPERATING LLC, ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200, CITY: MORGANTOWN, STATE: WV, ZIP CODE: 26508. DESIGNATED AGENT: BRITTANY WOODY.

Table with 2 columns: LEGEND (Proposed Surface Hole, Existing Wellhead, LPL, Existing Water Well, Existing Spring) and REVISIONS/DATE (05-15-2025, Drawn by: N. Mano, Scale: 1" = 2000').

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 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*

03/13/2026

REVISIONS:		COMPANY:			
		OPERATOR'S MICHAEL SOUTHWORTH MSH		API #:	DATE: 05-15-2025
		WELL #:		47-051-02521	DRAWN BY: N. MANO
		DISTRICT:		STATE:	SCALE: N/A
		SANDHILL		WV	DRAWING NO:
		COUNTY:		WELL LOCATION PLAT 2	
		MARSHALL			

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WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	LITMAN BARRY A & KIMBERLY S (S)	12-2-10
TRACT	SURFACE OWNER (S)	TAX PARCEL
2	EDGE WILLIAM F JR - TOD ET AL (S)	12-2-15
3	WV BRIGHTMONT LLC (S)	12-2-14
4	G F P CORP (S)	12-2-12
5	GIBSON WILLIAM E (S)	12-9-12
6	GFP CORP (S)	12-2-7
7	PORTER CARLA S (S)	12-9-13
8	W VA DEPT OF HIGHWAYS (S)	MILLER HILL RD
9	MERINAR JAMES MARTIN ET UX (S)	12-9-15.1
10	MERINAR CALVIN C - LIFE (S)	12-9-16
11	MERINAR CALVIN C - LIFE (S)	12-9-18
12	TOLAND SONDR A J & WILLIAM E (S)	12-9-17
13	TEMPLE TERRY L & BEVERLY J - (S)	12-11-4
14	W VA DEPT OF HIGHWAYS (S)	CALDWELL HILL RD
15	GRAY DONALD G - TOD & GRAY WYATT MATTHEW (S)	12-11-8

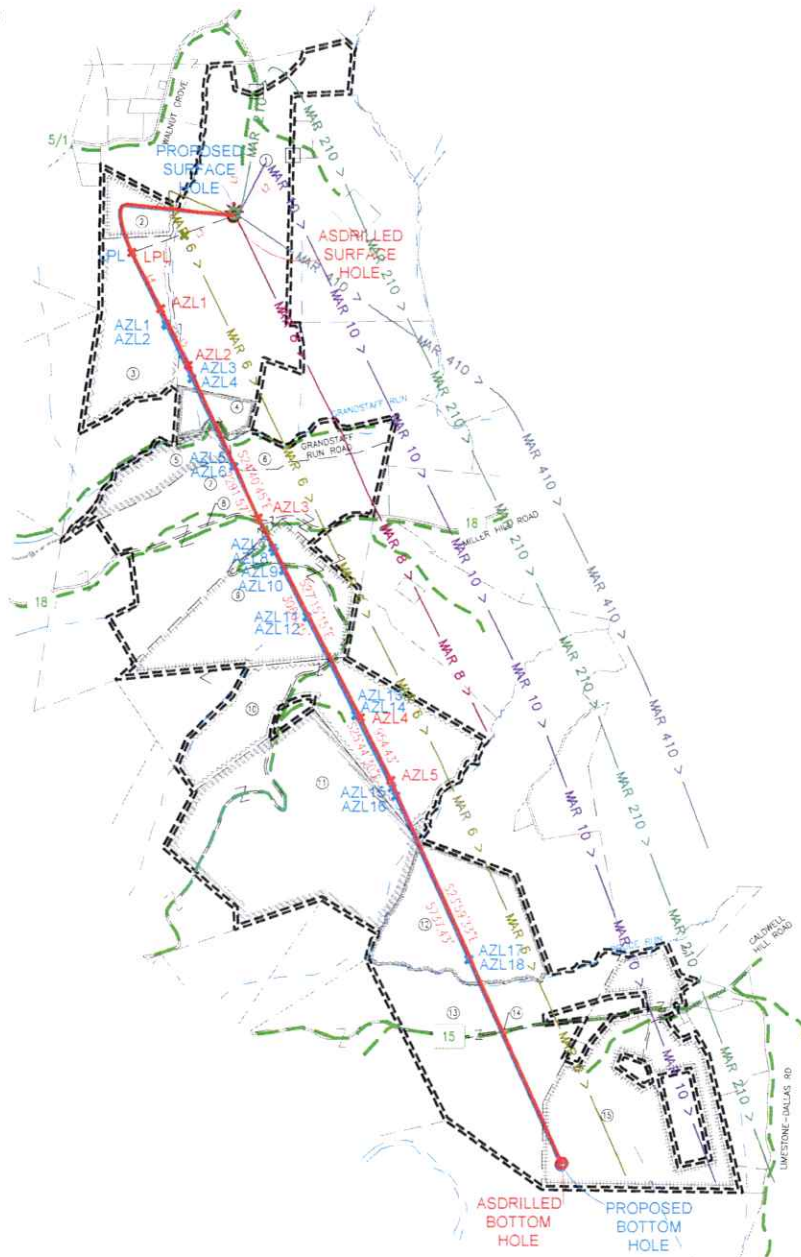
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	GIZA ALEXANDER C & CHRISTOPHER C	12-1-16.1
B	EDGE WILLIAM F JR - TOD ET AL	12-2-16
C	LITMAN JAMES M & LUCY A	12-2-16.1
D	RADCLIFFE JOHN D & ANNA M	12-2-10.1
E	LITMAN BARRY A	12-2-10.2
F	VELLENOWETH SCOTT U ET UX	12-2-1.1
G	BLATT THERESA L	12-2-23
H	BAIRD FAMILY TRUST	12-2-2
I	REINEKE RICHARD S	12-2-9
J	GREGORY DONNA R	12-2-9.1
K	TDL&G LLC	12-2-8
L	TOTH JOHN J SR & ALICE - TRUST	12-8-4.1
M	RICHEY RANDY ET UX	12-8-35
N	MERINAR CALVIN C - LIFE	12-9-15
O	MERINAR CALVIN C - LIFE	12-8-34
P	MERINAR CALVIN C - LIFE	12-9-16.1
Q	TOLAND WILLIAM EUGENE ET AL	12-8-33
R	WINTERS BEVERLY DIANE - TOD	12-11-6
S	STORCH JOSEPH WILLIAM ET UX	12-11-7
T	STORCH JOSEPH WILLIAM ET UX	12-11-12
U	GRAY WYATT MATTHEW	12-11-8.6
V	GRAY DONALD G ET UX - TOD	12-11-8.2
W	RUNKLE MICHELLE LEE	12-11-8.1
X	RUNKLE MICHELLE LEE	12-11-8.7
Y	GRAY WYATT MATTHEW	12-11-8.5
Z	TEMPLE DONALD LEE	12-11-4.1
A2	TEMPLE TERRY L & BEVERLY J - TOD	12-11-8.3
B2	TEMPLE TERRY L & BEVERLY J - TOD	12-11-8.4
C2	RAYMOND JOHN	12-11-8.9
D2	OHIO COUNTY COAL RESOURCES INC	12-11-8.8
E2	KLAGES MARY ANN	12-11-10
F2	HILLBERRY GARRY L	12-11-9
G2	HILLBERRY PAUL E JR	12-11-9.3
H2	THOMAS RICHARD LEE BARTON	12-11-16
I2	TH EXPLORATION LLC	12-11-3
J2	CLAYTON CHARLES W ET AL	12-11-2
K2	MERINAR CALVIN C	12-11-1
L2	MERINAR CALVIN C - LIFE	12-9-19
M2	FISHER CHARLES B & CARLA S	12-9-20
N2	GRAY JOHN ALVIN EST	12-9-11
O2	ISALY ROBERT A SR EST	12-9-9
P2	EDGE WILLIAM JR & BARBARA ANN - TOD & DAVID WAYNE EDGE	12-9-8
Q2	ISALY ROBERT A SR EST	12-2-13
R2	WHEELING POWER COMPANY	12-9-8.1
S2	WV BRIGHTMONT LLC	12-1-16
T2	GIZA ALEXANDER C & CHRISTOPHER C	12-1-16.2

03/13/2026

REVISIONS:	COMPANY:		
			
	OPERATOR'S MICHAEL SOUTHWORTH MSH	API #:	DATE: 05-15-2025
	WELL #:	47-051-02521	DRAWN BY: N. MANO
	DISTRICT:	COUNTY:	SCALE: N/A
	SANDHILL	MARSHALL	DRAWING NO:
		STATE:	WELL LOCATION PLAT 3
		WV	

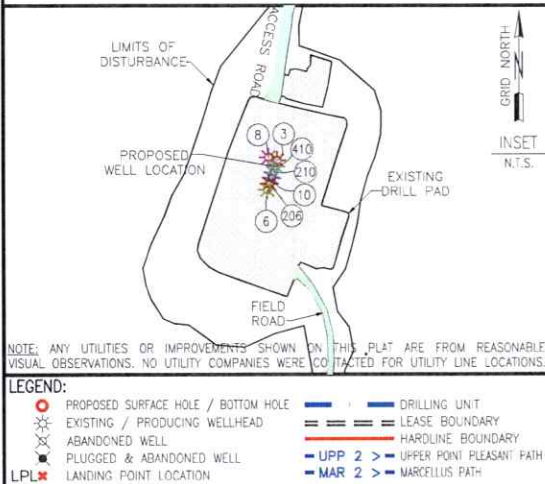
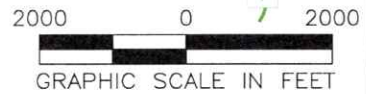
JACKSON SURVEYING
 INC.
 2413 EAST PIKE ST. # 112
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 304-623-5851

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



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.
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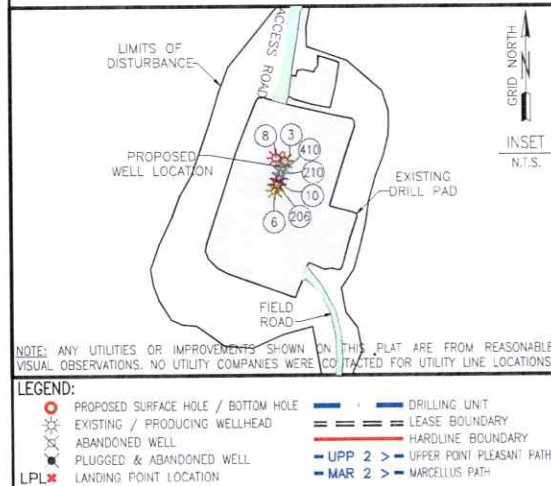
COMPANY:			expand
OPERATOR'S			MICHAEL SOUTHWORTH MSH
WELL #:			206H
DISTRICT:	COUNTY:	STATE:	
SANDHILL	MARSHALL	WV	
EXPAND OPERATING LLC SURFACE HOLES			
3. "MICHAEL SOUTHWORTH MSH 3H"			
5. "MICHAEL SOUTHWORTH MSH 6H"			
8. "MICHAEL SOUTHWORTH MSH 8H"			
10. "MICHAEL SOUTHWORTH MSH 10H"			
206. "MICHAEL SOUTHWORTH MSH 206H"			
210. "MICHAEL SOUTHWORTH MSH 210H"			
410. "MICHAEL SOUTHWORTH MSH 410H"			
REVISIONS:			DATE: 05-15-2025
DRAWN BY: N. MANO			
SCALE: 1" = 2000'			
DRAWING NO:			
INTERNAL WELL PLAT			

03/13/2026

JACKSON SURVEYING
INC.
2413 EAST PIKE ST. # 112
Clarksburg, WV 26302
304-623-5851

SURFACE HOLE LOCATION (SHL):	AZIMUTH POINT LOCATION-3 (AZL3):
GEOGRAPHIC (NAD83): LATITUDE: 40.012682° LONGITUDE: -80.614837°	GEOGRAPHIC (NAD83): LATITUDE: 40.001351° LONGITUDE: -80.613685°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,531,584.476 EASTING: 1,748,262.008	UTM (NAD83, ZONE 17, FEET): NORTHING: 14,527,459.810 EASTING: 1,748,607.580
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,429,235.808 EASTING: 532,871.328	UTM (NAD83, ZONE 17, METERS): NORTHING: 4,427,978.606 EASTING: 532,975.132
LANDING POINT LOCATION (LPL):	AZIMUTH POINT LOCATION-4 (AZL4):
GEOGRAPHIC (NAD83): LATITUDE: 40.011313° LONGITUDE: -80.619801°	GEOGRAPHIC (NAD83): LATITUDE: 39.993963° LONGITUDE: -80.608727°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,531,080.250 EASTING: 1,746,874.210	UTM (NAD83, ZONE 17, FEET): NORTHING: 14,524,739.120 EASTING: 1,750,004.080
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,429,082.116 EASTING: 532,448.324	UTM (NAD83, ZONE 17, METERS): NORTHING: 4,427,149.335 EASTING: 533,402.316
AZIMUTH POINT LOCATION-1 (AZL1):	AZIMUTH POINT LOCATION-5 (AZL5):
GEOGRAPHIC (NAD83): LATITUDE: 40.009205° LONGITUDE: -80.618405°	GEOGRAPHIC (NAD83): LATITUDE: 39.991497° LONGITUDE: -80.607257°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,530,314.260 EASTING: 1,747,268.380	UTM (NAD83, ZONE 17, FEET): NORTHING: 14,523,678.410 EASTING: 1,750,418.600
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,428,948.644 EASTING: 532,568.467	UTM (NAD83, ZONE 17, METERS): NORTHING: 4,426,857.298 EASTING: 533,528.656
AZIMUTH POINT LOCATION-2 (AZL2):	BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83): LATITUDE: 40.007090° LONGITUDE: -80.617070°	GEOGRAPHIC (NAD83): LATITUDE: 39.977074° LONGITUDE: -80.599012°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,529,542.070 EASTING: 1,747,645.780	UTM (NAD83, ZONE 17, FEET): NORTHING: 14,518,637.700 EASTING: 1,750,751.530
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,428,613.280 EASTING: 532,683.493	UTM (NAD83, ZONE 17, METERS): NORTHING: 4,425,289.677 EASTING: 534,239.735

SURFACE HOLE LOCATION (SHL):	AZIMUTH POINT LOCATION-3 (AZL3):
GEOGRAPHIC (NAD27): LATITUDE: 40.012608° LONGITUDE: -80.615039°	GEOGRAPHIC (NAD27): LATITUDE: 40.001277° LONGITUDE: -80.613887°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 552,873.616 EASTING: 1,687,675.854	STATE PLANE (NAD 27), WVN, FT.: NORTHING: 548,742.401 EASTING: 1,687,647.509
LANDING POINT LOCATION (LPL):	AZIMUTH POINT LOCATION-4 (AZL4):
GEOGRAPHIC (NAD27): LATITUDE: 40.011239° LONGITUDE: -80.620003°	GEOGRAPHIC (NAD27): LATITUDE: 39.993785° LONGITUDE: -80.606825°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 552,390.533 EASTING: 1,686,279.416	STATE PLANE (NAD 27), WVN, FT.: NORTHING: 545,697.659 EASTING: 1,686,303.768
AZIMUTH POINT LOCATION-1 (AZL1):	AZIMUTH POINT LOCATION-5 (AZL5):
GEOGRAPHIC (NAD27): LATITUDE: 40.008131° LONGITUDE: -80.618667°	GEOGRAPHIC (NAD27): LATITUDE: 39.991422° LONGITUDE: -80.607452°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 551,619.763 EASTING: 1,686,660.636	STATE PLANE (NAD 27), WVN, FT.: NORTHING: 545,130.822 EASTING: 1,686,703.990
AZIMUTH POINT LOCATION-2 (AZL2):	BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD27): LATITUDE: 40.007026° LONGITUDE: -80.617277°	GEOGRAPHIC (NAD27): LATITUDE: 39.976993° LONGITUDE: -80.589214°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 550,841.113 EASTING: 1,687,025.364	STATE PLANE (NAD 27), WVN, FT.: NORTHING: 535,648.920 EASTING: 1,691,949.709



COMPANY:

OPERATOR'S: MICHAEL SOUTHWORTH MSH

WELL #: 206H

DISTRICT: SANDHILL	COUNTY: MARSHALL	STATE: WV
---------------------------	-------------------------	------------------

EXPAND OPERATING LLC
SURFACE HOLES

- 3. "MICHAEL SOUTHWORTH MSH 3H"
- 6. "MICHAEL SOUTHWORTH MSH 6H"
- 8. "MICHAEL SOUTHWORTH MSH 8H"
- 10. "MICHAEL SOUTHWORTH MSH 10H"
- 206. "MICHAEL SOUTHWORTH MSH 206H"
- 210. "MICHAEL SOUTHWORTH MSH 210H"
- 410. "MICHAEL SOUTHWORTH MSH 410H"

REVISIONS:	DATE: 05-15-2025
	DRAWN BY: N. MANO
	SCALE: 1" = 2000'
	DRAWING NO.:
	INTERNAL WELL PLAT:

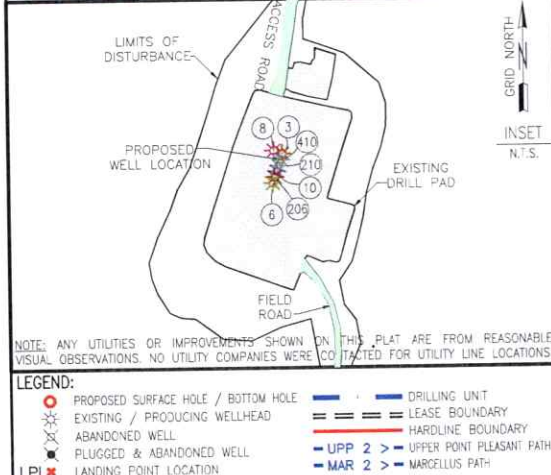
03/13/2026

JACKSON SURVEYING
INC.
2413 EAST PIKE ST. # 112
Clarksburg, WV 26302
304-623-5851

SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83): LATITUDE: 40.012691° LONGITUDE: -80.614836°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,531,584.269 EASTING: 1,746,262.410
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,429,335.347 EASTING: 532,871.446
TURNING POINT LOCATION-1 (TPL1):
GEOGRAPHIC (NAD83): LATITUDE: 40.013081° LONGITUDE: -80.620160°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,531,723.330 EASTING: 1,746,771.160
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,429,278.130 EASTING: 532,416.914
LANDING POINT LOCATION (LPL):
GEOGRAPHIC (NAD83): LATITUDE: 40.011307° LONGITUDE: -80.619826°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,531,078.050 EASTING: 1,746,867.420
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,428,081.446 EASTING: 532,446.255
AZIMUTH POINT LOCATION-1 (AZL1):
GEOGRAPHIC (NAD83): LATITUDE: 40.008643° LONGITUDE: -80.618161°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,530,109.890 EASTING: 1,747,337.740
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,428,786.251 EASTING: 532,569.608
AZIMUTH POINT LOCATION-2 (AZL2):
GEOGRAPHIC (NAD83): LATITUDE: 40.008586° LONGITUDE: -80.618127°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,530,059.690 EASTING: 1,747,347.380
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,428,780.195 EASTING: 532,569.541
AZIMUTH POINT LOCATION-3 (AZL3):
GEOGRAPHIC (NAD83): LATITUDE: 40.006593° LONGITUDE: -80.616903°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,529,364.740 EASTING: 1,747,693.030
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,428,559.230 EASTING: 532,697.901
AZIMUTH POINT LOCATION-4 (AZL4):
GEOGRAPHIC (NAD83): LATITUDE: 40.006580° LONGITUDE: -80.616896°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,529,360.050 EASTING: 1,747,695.260
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,428,557.809 EASTING: 532,698.581

AZIMUTH POINT LOCATION-5 (AZL5):
GEOGRAPHIC (NAD83): LATITUDE: 40.003297° LONGITUDE: -80.614878°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,528,167.110 EASTING: 1,746,265.270
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,428,194.192 EASTING: 532,872.320
AZIMUTH POINT LOCATION-6 (AZL6):
GEOGRAPHIC (NAD83): LATITUDE: 40.003284° LONGITUDE: -80.614870°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,528,162.150 EASTING: 1,746,267.640
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,428,192.660 EASTING: 532,873.042
AZIMUTH POINT LOCATION-7 (AZL7):
GEOGRAPHIC (NAD83): LATITUDE: 40.002440° LONGITUDE: -80.613009°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,527,056.110 EASTING: 1,748,763.750
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,427,825.558 EASTING: 533,033.421
AZIMUTH POINT LOCATION-8 (AZL8):
GEOGRAPHIC (NAD83): LATITUDE: 40.000089° LONGITUDE: -80.612914°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,527,001.430 EASTING: 1,748,820.470
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,427,838.892 EASTING: 533,041.545
AZIMUTH POINT LOCATION-9 (AZL9):
GEOGRAPHIC (NAD83): LATITUDE: 39.999400° LONGITUDE: -80.612469°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,526,750.770 EASTING: 1,748,946.270
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,427,762.490 EASTING: 533,079.889
AZIMUTH POINT LOCATION-10 (AZL10):
GEOGRAPHIC (NAD83): LATITUDE: 39.999385° LONGITUDE: -80.612459°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,526,745.390 EASTING: 1,748,948.970
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,427,760.650 EASTING: 533,080.712
AZIMUTH POINT LOCATION-11 (AZL11):
GEOGRAPHIC (NAD83): LATITUDE: 39.999748° LONGITUDE: -80.611339°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,526,114.430 EASTING: 1,749,265.430
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,427,568.533 EASTING: 533,177.169
AZIMUTH POINT LOCATION-12 (AZL12):
GEOGRAPHIC (NAD83): LATITUDE: 39.997624° LONGITUDE: -80.611323°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,526,105.430 EASTING: 1,749,269.940
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,427,565.790 EASTING: 533,178.944

AZIMUTH POINT LOCATION-13 (AZL13):
GEOGRAPHIC (NAD83): LATITUDE: 39.993953° LONGITUDE: -80.608957°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,524,771.700 EASTING: 1,749,938.350
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,427,159.268 EASTING: 533,382.276
AZIMUTH POINT LOCATION-14 (AZL14):
GEOGRAPHIC (NAD83): LATITUDE: 39.993929° LONGITUDE: -80.608942°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,524,763.600 EASTING: 1,749,942.690
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,427,156.617 EASTING: 533,382.599
AZIMUTH POINT LOCATION-15 (AZL15):
GEOGRAPHIC (NAD83): LATITUDE: 39.991217° LONGITUDE: -80.607205°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,523,777.700 EASTING: 1,750,432.400
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,426,896.293 EASTING: 533,531.863
AZIMUTH POINT LOCATION-16 (AZL16):
GEOGRAPHIC (NAD83): LATITUDE: 39.990918° LONGITUDE: -80.607028°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,523,668.890 EASTING: 1,750,483.660
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,426,823.131 EASTING: 533,548.487
AZIMUTH POINT LOCATION-17 (AZL17):
GEOGRAPHIC (NAD83): LATITUDE: 39.984779° LONGITUDE: -80.603512°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,521,437.700 EASTING: 1,751,478.180
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,426,143.063 EASTING: 533,851.617
AZIMUTH POINT LOCATION-18 (AZL18):
GEOGRAPHIC (NAD83): LATITUDE: 39.984761° LONGITUDE: -80.603502°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,521,431.170 EASTING: 1,751,481.100
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,426,141.073 EASTING: 533,852.507
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83): LATITUDE: 39.977052° LONGITUDE: -80.599068°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,518,629.730 EASTING: 1,752,735.910
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,425,287.192 EASTING: 534,234.974



COMPANY: **expand**

OPERATOR'S: MICHAEL SOUTHWORTH MSH

WELL #: 206H

DISTRICT: SANDHILL COUNTY: MARSHALL STATE: WV

EXPAND OPERATING LLC
SURFACE HOLES

3. "MICHAEL SOUTHWORTH MSH 3H"
6. "MICHAEL SOUTHWORTH MSH 6H"
8. "MICHAEL SOUTHWORTH MSH 8H"
10. "MICHAEL SOUTHWORTH MSH 10H"
206. "MICHAEL SOUTHWORTH MSH 206H"
210. "MICHAEL SOUTHWORTH MSH 210H"
410. "MICHAEL SOUTHWORTH MSH 410H"

REVISIONS:

DATE: 05-15-2025

DRAWN BY: N. MANO
SCALE: 1" = 2000'
DRAWING NO:
INTERNAL WELL PLAT

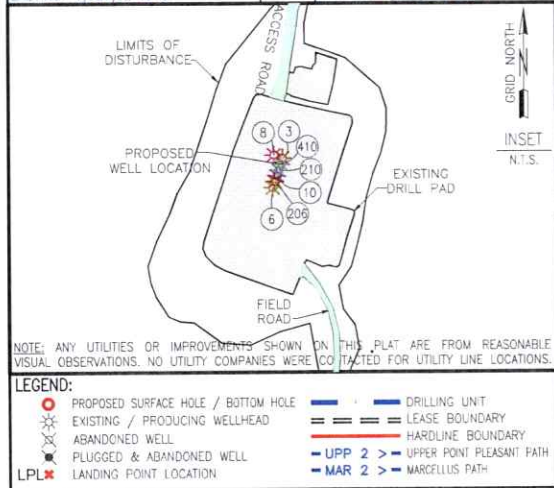
05/13/2026

JACKSON SURVEYING
 INC.
 2413 EAST PIKE ST. # 112
 Clarksburg, WV 26302
 304-623-5851

SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD27): LATITUDE: 40.012607° LONGITUDE: -80.615038°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 552,873.419 EASTING: 1,687,676.301
TURNING POINT LOCATION-1 (TPL1):
GEOGRAPHIC (NAD27): LATITUDE: 40.013007° LONGITUDE: -80.620361°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 553,037.472 EASTING: 1,686,187.106
LANDING POINT LOCATION (LPL):
GEOGRAPHIC (NAD27): LATITUDE: 40.011233° LONGITUDE: -80.620027°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 552,390.446 EASTING: 1,686,272.586
AZIMUTH POINT LOCATION-1 (AZL1):
GEOGRAPHIC (NAD27): LATITUDE: 40.008569° LONGITUDE: -80.618363°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 551,414.009 EASTING: 1,686,726.797
AZIMUTH POINT LOCATION-2 (AZL2):
GEOGRAPHIC (NAD27): LATITUDE: 40.008514° LONGITUDE: -80.618329°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 551,393.844 EASTING: 1,686,736.074
AZIMUTH POINT LOCATION-3 (AZL3):
GEOGRAPHIC (NAD27): LATITUDE: 40.006519° LONGITUDE: -80.617105°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 550,662.955 EASTING: 1,687,069.675
AZIMUTH POINT LOCATION-4 (AZL4):
GEOGRAPHIC (NAD27): LATITUDE: 40.006506° LONGITUDE: -80.617097°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 550,659.257 EASTING: 1,687,071.827
AZIMUTH POINT LOCATION-5 (AZL5):
GEOGRAPHIC (NAD27): LATITUDE: 40.003223° LONGITUDE: -80.615080°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 549,455.495 EASTING: 1,687,621.975

AZIMUTH POINT LOCATION-6 (AZL6):
GEOGRAPHIC (NAD27): LATITUDE: 40.003209° LONGITUDE: -80.615072°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 549,450.494 EASTING: 1,687,624.262
AZIMUTH POINT LOCATION-7 (AZL7):
GEOGRAPHIC (NAD27): LATITUDE: 40.000166° LONGITUDE: -80.613211°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 548,335.416 EASTING: 1,688,131.957
AZIMUTH POINT LOCATION-8 (AZL8):
GEOGRAPHIC (NAD27): LATITUDE: 40.000015° LONGITUDE: -80.613116°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 548,290.277 EASTING: 1,688,157.767
AZIMUTH POINT LOCATION-9 (AZL9):
GEOGRAPHIC (NAD27): LATITUDE: 39.999325° LONGITUDE: -80.612671°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 548,027.457 EASTING: 1,688,279.339
AZIMUTH POINT LOCATION-10 (AZL10):
GEOGRAPHIC (NAD27): LATITUDE: 39.999311° LONGITUDE: -80.612661°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 548,022.030 EASTING: 1,688,282.009
AZIMUTH POINT LOCATION-11 (AZL11):
GEOGRAPHIC (NAD27): LATITUDE: 39.997574° LONGITUDE: -80.611541°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 547,385.635 EASTING: 1,688,587.978
AZIMUTH POINT LOCATION-12 (AZL12):
GEOGRAPHIC (NAD27): LATITUDE: 39.997549° LONGITUDE: -80.611525°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 547,376.557 EASTING: 1,688,592.338

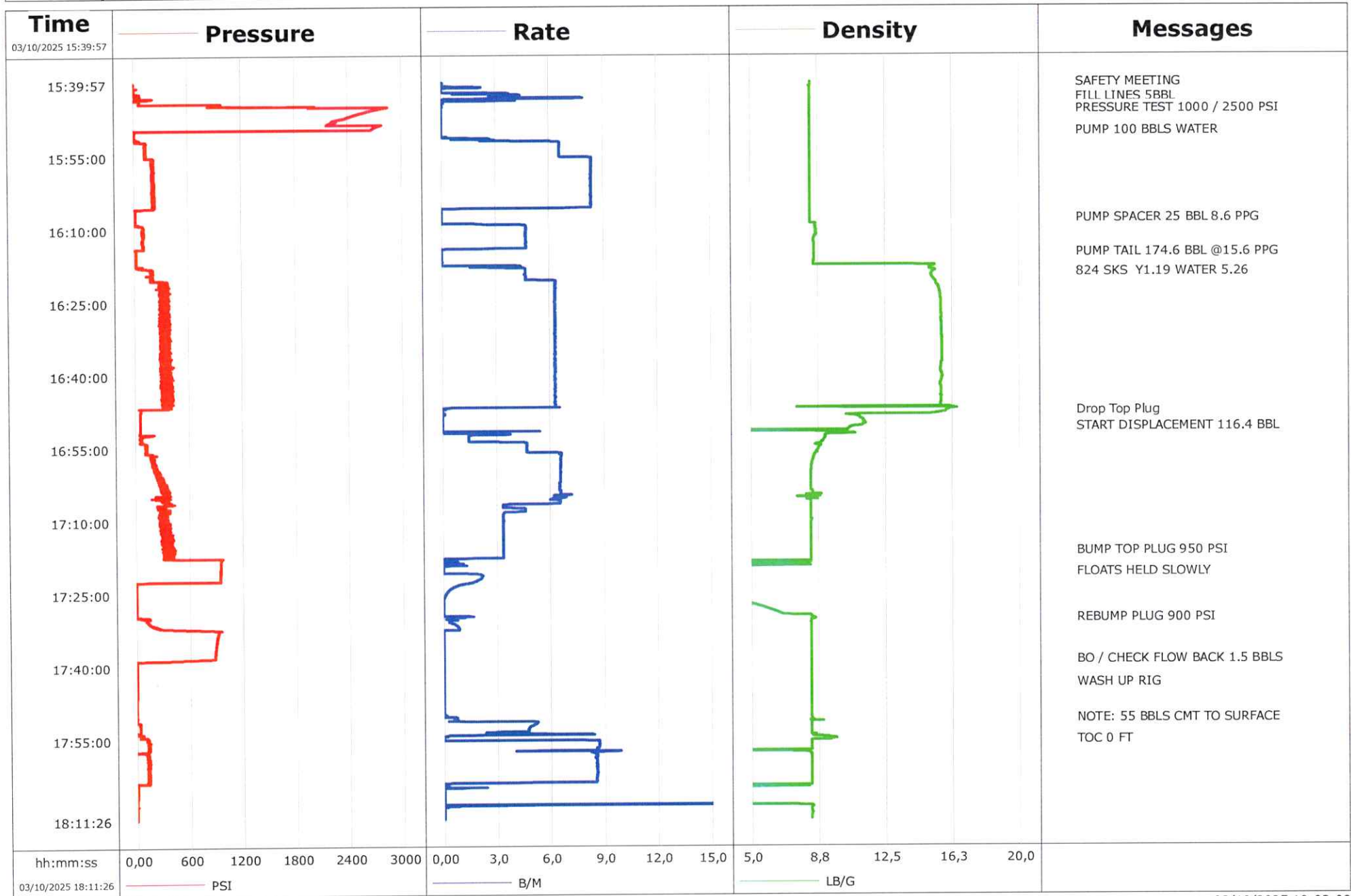
AZIMUTH POINT LOCATION-13 (AZL13):
GEOGRAPHIC (NAD27): LATITUDE: 39.993879° LONGITUDE: -80.609159°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 546,031.346 EASTING: 1,689,236.571
AZIMUTH POINT LOCATION-14 (AZL14):
GEOGRAPHIC (NAD27): LATITUDE: 39.993855° LONGITUDE: -80.609144°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 546,022.572 EASTING: 1,689,242.766
AZIMUTH POINT LOCATION-15 (AZL15):
GEOGRAPHIC (NAD27): LATITUDE: 39.991143° LONGITUDE: -80.607411°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 545,028.853 EASTING: 1,689,716.092
AZIMUTH POINT LOCATION-16 (AZL16):
GEOGRAPHIC (NAD27): LATITUDE: 39.990843° LONGITUDE: -80.607230°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 544,619.167 EASTING: 1,689,765.542
AZIMUTH POINT LOCATION-17 (AZL17):
GEOGRAPHIC (NAD27): LATITUDE: 39.984704° LONGITUDE: -80.603715°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 542,670.843 EASTING: 1,690,722.940
AZIMUTH POINT LOCATION-18 (AZL18):
GEOGRAPHIC (NAD27): LATITUDE: 39.984686° LONGITUDE: -80.603704°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 542,664.263 EASTING: 1,690,723.752
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD27): LATITUDE: 39.978977° LONGITUDE: -80.599527°
STATE PLANE (NAD 27), WVN, FT.: NORTHING: 539,841.210 EASTING: 1,691,933.953



COMPANY:		
OPERATOR'S MICHAEL SOUTHWORTH MSH		
WELL #: 206H		
DISTRICT: SANDHILL	COUNTY: MARSHALL	STATE: WV
EXPAND OPERATING LLC SURFACE HOLES		
3. "MICHAEL SOUTHWORTH MSH 3H"		
6. "MICHAEL SOUTHWORTH MSH 6H"		
8. "MICHAEL SOUTHWORTH MSH 8H"		
10. "MICHAEL SOUTHWORTH MSH 10H"		
206. "MICHAEL SOUTHWORTH MSH 206H"		
210. "MICHAEL SOUTHWORTH MSH 210H"		
410. "MICHAEL SOUTHWORTH MSH 410H"		
REVISIONS:	DATE: 05-15-2025	
	DRAWN BY: N. MANO	
	SCALE: 1" = 2000'	
	DRAWING NO:	
	INTERNAL WELL PLAT	

03/13/2026

Well	MICHAEL SW 206H	Client	EXPAND ENERGY
Field	WILDCAT	SIR No.	A.1068795.01.15
Engineer	CRISTHIAN OCHOA	Job Type	SURFACE
Country	United States	Job Date	03-10-2025



Cementing Service Report

				Customer		Job Number					
				EXPAND ENERGY		A.1068795.01.15					
Well		Location (legal)		Schlumberger Location		Job Start					
MICHAEL SW 206H 206H		MARSHALL		SOH		Mar/10/2025					
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD				
WILDCAT				deg	17,0 in	818,0 ft	818,0 ft				
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient				
MARSHALL		WV		psi	69 degF	80 degF	lb/gal				
Well Master		API/UW47-051-02521-00-00									
Rig Name	Drilled For	Service Via	Casing/Liner								
SDC 41	Gas	Land	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread				
Offshore Zone		Well Class	Well Type		136,0	20,0	90,0	P110	BUTT		
		New	Development		800,0	13,0	54,0	J55	BUTT		
Drilling Fluid Type		Max. Density	Plastic Viscosity	Tubing/Drill Pipe							
		lb/gal	cP	T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread		
Service Line	Job Type										
Cementing	SURFACE										
Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection		Perforations/Open Hole							
psi	psi	Single Cement head		Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval	ft		
Service Instructions SAFETY MEETING FILL LINES 5BBL LINE PRESSURE TEST 1000 / 2500 PSI PUMP 100 BBLS WATER AHEAD PUMP SPACER 25 BBL 8.6 PPG MIX AND PUMP TAIL 174.6 BBL @15.6 PPG / 824 SKS Y1.19 WATER 5.26 DROP TOP PLUG				ft	ft						
				ft	ft					Diameter	in
				ft	ft						
				Treat Down	Displacement	Packer Type	Packer Depth				
				Casing	116,0 bbl		ft				
				Tubing Vol.	Casing Vol.	Annular Vol.	Openhole Vol.				
				bbl	123,0 bbl	114,0 bbl	82,0 bbl				
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement		Casing Tools			Squeeze Job				
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		Shoe Type	Float	Squeeze Type					
Lift Pressure		284 psi		Shoe Depth	800,0 ft	Tool Type					
Pipe Rotated		<input type="checkbox"/>	Pipe Reciprocated	<input type="checkbox"/>							
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type		Tool Depth		ft			
		1									
Cement Head Type		Single		Stage Tool Depth		ft		Tail Pipe Size			
								in			
Job Scheduled For		Arrived on Location	Leave Location	Collar Type		Float		Tail Pipe Depth			
Mar/10/2025 07:00		Mar/10/2025 06:00	Mar/10/2025 19:00					ft			
				Collar Depth		752,0 ft		Sqz. Total Vol.			
								bbl			
Date	Time 24-hr clock	Treating Pressure	Flow Rate	Density	Message						
		PSI	B/M	LB/G							
03/10/2025	15:40:00	0	0,1	8,34	SAFETY MEETING						
03/10/2025	15:40:30	-3	0,1	8,35							
03/10/2025	15:41:00	6	1,7	8,33							
03/10/2025	15:41:30	8	0,0	8,33							
03/10/2025	15:42:00	32	0,2	8,33							
03/10/2025	15:42:30	73	4,3	8,33							
03/10/2025	15:43:00	107	4,0	8,33	FILL LINES 5BBL						
03/10/2025	15:43:30	65	2,5	8,34							
03/10/2025	15:44:00	64	0,0	8,33							
03/10/2025	15:44:30	873	0,0	8,33							
03/10/2025	15:45:00	1974	0,0	8,33	PRESSURE TEST 1000 / 2500 PSI						
03/10/2025	15:45:30	2723	0,0	8,33							
03/10/2025	15:46:00	2604	0,0	8,33							
03/10/2025	15:46:30	2505	0,0	8,33							
03/10/2025	15:47:00	2417	0,0	8,33							
03/10/2025	15:47:30	2325	0,0	8,33							
03/10/2025	15:48:00	2273	0,0	8,33							
03/10/2025	15:48:30	2184	0,0	8,33							
03/10/2025	15:49:00	2731	0,0	8,33							
03/10/2025	15:49:30	2672	0,0	8,33							
03/10/2025	15:50:00	4	0,0	8,33	PUMP 100 BBLS WATER						

Well		Field	Job Start	Customer	Job Number
MICHAEL SW 206H 206H		WILDCAT	Mar/10/2025	EXPAND ENERGY	A.1068795.01.15
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Message
03/10/2025	15:51:00	10	0,0	8,33	
03/10/2025	15:51:30	37	2,6	8,33	
03/10/2025	15:52:00	69	3,2	8,33	
03/10/2025	15:52:30	132	6,6	8,33	
03/10/2025	15:53:00	129	6,6	8,33	
03/10/2025	15:53:30	134	6,6	8,33	
03/10/2025	15:54:00	135	6,6	8,33	
03/10/2025	15:54:30	130	6,6	8,33	
03/10/2025	15:55:00	128	6,6	8,33	
03/10/2025	15:55:30	210	8,3	8,33	
03/10/2025	15:56:00	215	8,3	8,33	
03/10/2025	15:56:30	212	8,3	8,33	
03/10/2025	15:57:00	213	8,3	8,33	
03/10/2025	15:57:30	207	8,3	8,33	
03/10/2025	15:58:00	227	8,3	8,33	
03/10/2025	15:58:30	214	8,3	8,33	
03/10/2025	15:59:00	214	8,3	8,33	
03/10/2025	15:59:30	209	8,3	8,33	
03/10/2025	16:00:00	214	8,3	8,33	
03/10/2025	16:00:30	219	8,3	8,33	
03/10/2025	16:01:00	217	8,3	8,33	
03/10/2025	16:01:30	215	8,3	8,33	
03/10/2025	16:02:00	218	8,3	8,33	
03/10/2025	16:02:30	217	8,3	8,33	
03/10/2025	16:03:00	214	8,3	8,33	
03/10/2025	16:03:30	232	8,3	8,33	
03/10/2025	16:04:00	213	8,3	8,33	
03/10/2025	16:04:30	229	8,3	8,33	
03/10/2025	16:05:00	211	8,3	8,33	
03/10/2025	16:05:30	225	8,3	8,33	
03/10/2025	16:06:00	21	0,1	8,33	
03/10/2025	16:06:30	19	0,0	8,33	
03/10/2025	16:07:00	19	0,0	8,33	
03/10/2025	16:07:30	18	0,0	8,33	
03/10/2025	16:08:00	19	0,0	8,33	PUMP SPACER 25 BBL 8.6 PPG
03/10/2025	16:08:30	18	0,0	8,33	
03/10/2025	16:09:00	43	0,2	8,33	
03/10/2025	16:09:30	102	4,7	8,61	
03/10/2025	16:10:00	105	4,7	8,62	
03/10/2025	16:10:30	106	4,7	8,66	
03/10/2025	16:11:00	91	4,7	8,66	
03/10/2025	16:11:30	97	4,7	8,64	
03/10/2025	16:12:00	101	4,7	8,56	
03/10/2025	16:12:30	97	4,7	8,53	
03/10/2025	16:13:00	100	4,7	8,54	
03/10/2025	16:13:30	98	4,7	8,54	
03/10/2025	16:14:00	103	4,7	8,54	
03/10/2025	16:14:30	24	0,0	8,54	
03/10/2025	16:15:00	25	0,0	8,54	PUMP TAIL 174.6 BBL @15.6 PPG
03/10/2025	16:15:30	24	0,0	8,54	
03/10/2025	16:16:00	24	0,0	8,54	
03/10/2025	16:16:30	25	0,0	8,54	
03/10/2025	16:17:00	25	0,0	8,53	
03/10/2025	16:17:30	25	0,0	8,53	

Well		Field	Job Start	Customer	Job Number
MICHAEL SW 206H 206H		WILDCAT	Mar/10/2025	EXPAND ENERGY	A.1068795.01.15
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Message
03/10/2025	16:18:30	207	4,7	15,00	
03/10/2025	16:19:00	205	4,7	15,20	824 SKS Y1.19 WATER 5.26
03/10/2025	16:19:30	187	4,6	15,08	
03/10/2025	16:20:00	187	4,7	15,11	
03/10/2025	16:20:30	204	4,7	15,20	
03/10/2025	16:21:00	366	6,3	15,31	
03/10/2025	16:21:30	298	6,3	15,34	
03/10/2025	16:22:00	318	6,3	15,46	
03/10/2025	16:22:30	362	6,3	15,51	
03/10/2025	16:23:00	280	6,3	15,55	
03/10/2025	16:23:30	340	6,3	15,57	
03/10/2025	16:24:00	324	6,3	15,59	
03/10/2025	16:24:30	356	6,3	15,60	
03/10/2025	16:25:00	304	6,3	15,61	
03/10/2025	16:25:30	373	6,3	15,62	
03/10/2025	16:26:00	310	6,3	15,61	
03/10/2025	16:26:30	381	6,3	15,61	
03/10/2025	16:27:00	341	6,3	15,62	
03/10/2025	16:27:30	364	6,3	15,63	
03/10/2025	16:28:00	311	6,3	15,64	
03/10/2025	16:29:00	347	6,3	15,63	
03/10/2025	16:29:30	276	6,3	15,64	
03/10/2025	16:30:00	326	6,3	15,64	
03/10/2025	16:30:30	320	6,3	15,64	
03/10/2025	16:31:00	387	6,3	15,64	
03/10/2025	16:31:30	297	6,3	15,65	
03/10/2025	16:32:00	363	6,3	15,66	
03/10/2025	16:32:30	325	6,3	15,67	
03/10/2025	16:33:00	386	6,3	15,67	
03/10/2025	16:33:30	308	6,3	15,67	
03/10/2025	16:34:00	340	6,3	15,67	
03/10/2025	16:34:30	332	6,3	15,67	
03/10/2025	16:35:30	353	6,3	15,66	
03/10/2025	16:36:00	316	6,3	15,67	
03/10/2025	16:36:30	362	6,3	15,67	
03/10/2025	16:37:00	295	6,3	15,67	
03/10/2025	16:37:30	372	6,3	15,67	
03/10/2025	16:38:00	312	6,3	15,63	
03/10/2025	16:38:30	420	6,3	15,62	
03/10/2025	16:39:00	332	6,3	15,60	
03/10/2025	16:39:30	362	6,3	15,60	
03/10/2025	16:40:00	328	6,3	15,65	
03/10/2025	16:40:30	337	6,3	15,68	
03/10/2025	16:41:00	342	6,3	15,65	
03/10/2025	16:41:30	294	6,3	15,63	
03/10/2025	16:42:00	356	6,3	15,58	
03/10/2025	16:42:30	328	6,3	15,59	
03/10/2025	16:43:00	394	6,3	15,62	
03/10/2025	16:43:30	318	6,3	15,63	
03/10/2025	16:44:00	362	6,3	15,62	
03/10/2025	16:44:30	345	6,3	15,60	
03/10/2025	16:45:00	428	6,3	15,62	
03/10/2025	16:45:30	316	6,3	15,62	
03/10/2025	16:46:00	369	6,3	15,61	

Well		Field		Job Start	Customer	Job Number
MICHAEL SW 206H 206H		WILDCAT		Mar/10/2025	EXPAND ENERGY	A.1068795.01.15
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Message	
03/10/2025	16:47:00	71	0,4	8,77		
03/10/2025	16:47:30	62	0,0	16,00		
03/10/2025	16:47:32	62	0,0	15,98	Drop Top Plug	
03/10/2025	16:48:00	60	0,0	15,78		
03/10/2025	16:48:30	58	0,0	10,33		
03/10/2025	16:49:00	57	0,0	11,08		
03/10/2025	16:49:30	57	0,0	11,27		
03/10/2025	16:50:00	56	0,0	11,36		
03/10/2025	16:50:30	57	0,0	11,29		
03/10/2025	16:50:52	56	0,0	10,79	START DISPLACEMENT 116.4 BBL	
03/10/2025	16:51:00	56	0,0	10,61		
03/10/2025	16:51:30	56	0,0	10,41		
03/10/2025	16:52:00	57	0,1	9,73		
03/10/2025	16:52:30	70	1,7	9,31		
03/10/2025	16:53:00	55	1,4	9,16		
03/10/2025	16:53:30	74	1,4	9,07		
03/10/2025	16:54:00	123	4,3	8,94		
03/10/2025	16:54:30	116	4,7	8,65		
03/10/2025	16:55:00	118	4,7	8,84		
03/10/2025	16:55:30	124	4,7	8,74		
03/10/2025	16:56:00	129	4,7	8,66		
03/10/2025	16:56:30	188	6,6	8,57		
03/10/2025	16:57:00	192	6,6	8,51		
03/10/2025	16:57:30	187	6,6	8,47		
03/10/2025	16:58:00	209	6,6	8,42		
03/10/2025	16:58:30	209	6,6	8,38		
03/10/2025	16:59:00	225	6,6	8,36		
03/10/2025	16:59:30	213	6,6	8,35		
03/10/2025	17:00:00	251	6,6	8,34		
03/10/2025	17:00:30	271	6,6	8,34		
03/10/2025	17:01:00	239	6,6	8,33		
03/10/2025	17:01:30	278	6,6	8,33		
03/10/2025	17:02:00	318	6,6	8,33		
03/10/2025	17:02:30	298	6,5	8,33		
03/10/2025	17:03:00	300	6,5	8,33		
03/10/2025	17:03:30	306	6,5	8,33		
03/10/2025	17:04:00	329	6,6	8,39		
03/10/2025	17:04:30	378	6,6	8,45		
03/10/2025	17:05:00	340	6,2	8,38		
03/10/2025	17:05:30	332	6,7	8,16		
03/10/2025	17:06:00	379	6,5	8,34		
03/10/2025	17:06:30	385	6,5	8,33		
03/10/2025	17:07:00	246	3,4	8,33		
03/10/2025	17:07:30	377	3,8	8,33		
03/10/2025	17:08:00	379	4,6	8,33		
03/10/2025	17:08:30	264	3,4	8,33		
03/10/2025	17:09:00	277	3,3	8,33		
03/10/2025	17:09:30	343	3,3	8,33		
03/10/2025	17:10:00	332	3,4	8,39		
03/10/2025	17:10:30	308	3,4	8,34		
03/10/2025	17:11:00	292	3,4	8,34		
03/10/2025	17:11:30	336	3,4	8,33		
03/10/2025	17:12:00	390	3,4	8,33		
03/10/2025	17:12:30	285	3,4	8,33		

Well		Field		Job Start	Customer	Job Number
MICHAEL SW 206H 206H		WILDCAT		Mar/10/2025	EXPAND ENERGY	A.1068795.01.15
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Message	
03/10/2025	17:13:30	417	3,4	8,33		
03/10/2025	17:14:00	288	3,4	8,33		
03/10/2025	17:14:30	318	3,3	8,33		
03/10/2025	17:15:00	385	3,4	8,33		
03/10/2025	17:15:30	379	3,3	8,33		
03/10/2025	17:16:00	351	3,4	8,33		
03/10/2025	17:16:23	352	3,4	8,33	BUMP TOP PLUG 950 PSI	
03/10/2025	17:16:30	398	3,4	8,33		
03/10/2025	17:17:00	374	3,4	8,33		
03/10/2025	17:17:30	398	3,3	8,33		
03/10/2025	17:18:00	952	0,0	8,33		
03/10/2025	17:18:30	948	0,0	6,39		
03/10/2025	17:19:00	947	0,5	4,79		
03/10/2025	17:19:30	946	0,0	2,33		
03/10/2025	17:20:00	946	0,0	0,03		
03/10/2025	17:20:30	945	0,0	0,04		
03/10/2025	17:20:43	945	0,0	0,06	FLOATS HELD SLOWLY	
03/10/2025	17:21:00	944	1,6	0,11		
03/10/2025	17:21:30	943	2,1	0,24		
03/10/2025	17:22:00	943	2,1	0,36		
03/10/2025	17:22:30	943	1,9	0,50		
03/10/2025	17:23:00	1	1,4	0,70		
03/10/2025	17:23:30	2	0,8	1,12		
03/10/2025	17:24:00	3	0,5	1,57		
03/10/2025	17:24:30	2	0,3	2,10		
03/10/2025	17:25:00	2	0,2	2,58		
03/10/2025	17:25:30	2	0,1	3,16		
03/10/2025	17:26:30	1	0,0	4,26		
03/10/2025	17:27:00	1	0,0	4,74		
03/10/2025	17:27:30	1	0,0	5,21		
03/10/2025	17:28:00	1	0,0	5,67		
03/10/2025	17:28:30	1	0,0	6,05		
03/10/2025	17:29:00	3	0,0	6,43		
03/10/2025	17:29:30	6	0,0	6,76		
03/10/2025	17:30:00	85	1,2	8,38		
03/10/2025	17:30:10	152	0,7	8,45	REBUMP PLUG 900 PSI	
03/10/2025	17:30:30	120	0,3	8,49		
03/10/2025	17:31:00	138	0,3	8,33		
03/10/2025	17:31:30	197	0,7	8,33		
03/10/2025	17:32:00	274	0,8	8,33		
03/10/2025	17:33:00	918	0,0	8,33		
03/10/2025	17:33:30	911	0,0	8,33		
03/10/2025	17:34:00	904	0,0	8,33		
03/10/2025	17:34:30	900	0,0	8,33		
03/10/2025	17:35:00	896	0,0	8,33		
03/10/2025	17:35:30	891	0,0	8,33		
03/10/2025	17:36:00	887	0,0	8,33		
03/10/2025	17:36:30	884	0,0	8,33		
03/10/2025	17:37:00	881	0,0	8,33		
03/10/2025	17:37:30	878	0,0	8,33		
03/10/2025	17:38:00	876	0,0	8,33		
03/10/2025	17:38:30	705	0,0	8,33		
03/10/2025	17:38:46	221	0,0	8,33	BO / CHECK FLOW BACK 1.5 BBLS	
03/10/2025	17:39:00	-1	0,0	8,33		

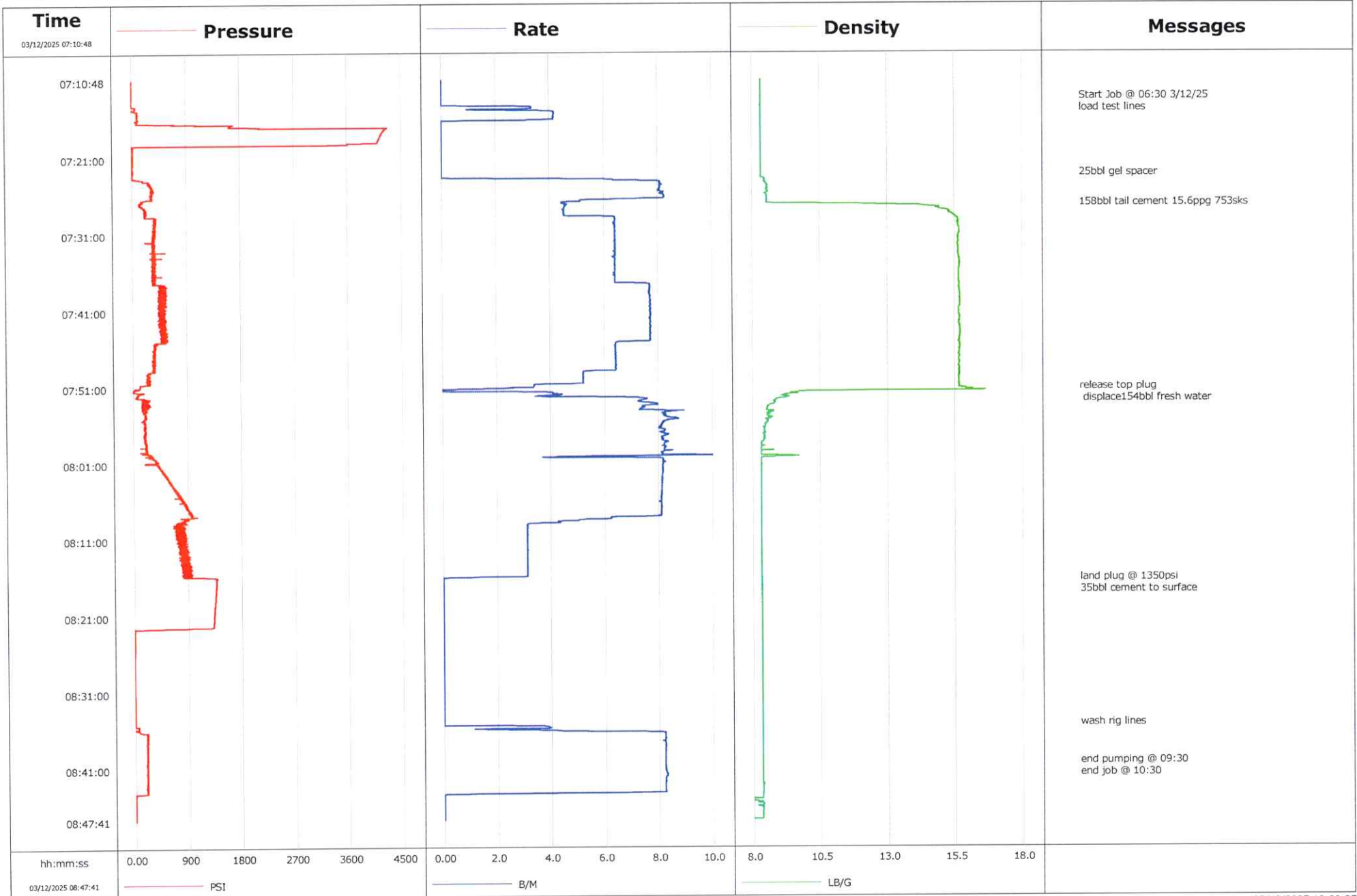
Well		Field		Job Start		Customer		Job Number	
MICHAEL SW 206H 206H		WILDCAT		Mar/10/2025		EXPAND ENERGY		A.1068795.01.15	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Message				
03/10/2025	17:40:00	1	0,0	8,33					
03/10/2025	17:40:30	0	0,0	8,33					
03/10/2025	17:41:00	0	0,0	8,33					
03/10/2025	17:41:30	0	0,0	8,33					
03/10/2025	17:42:00	-0	0,0	8,33					
03/10/2025	17:42:30	0	0,0	8,33					
03/10/2025	17:43:00	0	0,0	8,33					
03/10/2025	17:43:30	1	0,0	8,33					
03/10/2025	17:43:34	0	0,0	8,33	WASH UP RIG				
03/10/2025	17:44:00	0	0,0	8,33					
03/10/2025	17:44:30	0	0,0	8,33					
03/10/2025	17:45:00	1	0,0	8,33					
03/10/2025	17:45:30	2	0,0	8,33					
03/10/2025	17:46:00	1	0,0	8,33					
03/10/2025	17:46:30	-3	0,0	8,33					
03/10/2025	17:47:00	-2	0,0	8,33					
03/10/2025	17:47:30	-2	0,0	8,33					
03/10/2025	17:48:00	-1	0,0	8,33					
03/10/2025	17:48:30	-1	0,0	8,33					
03/10/2025	17:49:00	-1	0,0	8,33					
03/10/2025	17:49:30	-2	0,0	8,33					
03/10/2025	17:50:00	-2	0,1	8,33					
03/10/2025	17:50:30	4	0,0	8,33					
03/10/2025	17:50:50	-3	0,7	8,34	NOTE: 55 BBLS CMT TO SURFACE				
03/10/2025	17:51:00	-4	0,7	8,37					
03/10/2025	17:51:30	37	5,2	8,35					
03/10/2025	17:52:00	34	5,1	8,33					
03/10/2025	17:52:30	36	4,8	8,33					
03/10/2025	17:53:00	37	4,7	8,33					
03/10/2025	17:53:30	35	4,7	8,33					
03/10/2025	17:54:00	66	5,7	8,33					
03/10/2025	17:54:30	114	0,2	8,46					
03/10/2025	17:55:00	116	0,0	9,67					

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2
					174,0		25,0	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume		Density
	0					bbl		lb/gal
Avg. N2 Percent %		Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface? <input type="checkbox"/>		Volume 55,0 bbl	
		174,0 bbl	116,0 bbl	70 degF	Washed Thru Perfs <input type="checkbox"/>		To 800,0 ft	
Customer or Authorized Representative			Schlumberger Supervisor			Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
COMPANY MAN			CRISTHIAN OCHOA			-		-

03/13/2026

Well	Michel Southworth 206H	Client	Expand Energy
Field	Wildcat	SIR No.	A.1068795.01.05
Engineer	Danny Cover	Job Type	Intermediate
Country	United States	Job Date	03-12-2025





Cementing Service Report

Customer Expand Energy				Job Number A.1068795.01.05					
Well Michel Southworth 206H 206H			Location (legal) 47-051-02521-00-00			Schlumberger Location Strasbourg		Job Start Mar/12/2025	
Field Wildcat		Formation Name/Type		Deviation deg	Bit Size 12.3 in	Well MD 2034.0 ft		Well TVD 2034.0 ft	
County Marshall		State/Province West Virginia		BHP psi	BHST degF	BHCT degF	Pore Press. Gradient lb/gal		
Well Master 0067412522		API/UWI 47-051-02521-00-00							
Rig Name 41	Drilled For Gas	Service Via Land	Casing/Liner						
			Depth, ft	Size, in	Weight, lb/ft	Grade	Thread		
Offshore Zone	Well Class New	Well Type Development	800.0	13.4	54.5	N/A	N/A		
			2034.0	9.6	36.0	110	8RD		
Drilling Fluid Type		Max. Density lb/gal	Plastic Viscosity cP	Tubing/Drill Pipe					
				T/D	Depth, ft	Size, in	Weight, lb/ft	Grade Thread	
Service Line Cementing	Job Type Intermediate								
Max. Allowed Tub. Press psi	Max. Allowed Ann. Press psi	WH Connection Single Cement head	Perforations/Open Hole						
			Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval ft		
			ft	ft			Diameter in		
			ft	ft					
			Treat Down Casing	Displacement 154.0 bbl	Packer Type	Packer Depth ft			
			Tubing Vol. bbl	Casing Vol. 157.0 bbl	Annular Vol. bbl	Openhole Vol. bbl			
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input type="checkbox"/>		Casing Tools			Squeeze Job		
Lift Pressure psi		Shoe Type Float		Squeeze Type					
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 2034.0 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 Mar/12/2025 06:30		Arrived on Location Mar/12/2025 06:30		Leave Location Mar/12/2025 10:30		Collar Type Float		Tail Pipe Depth ft	
						Collar Depth 1994.0 ft		Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
03/12/2025	07:10:48	0	0.0	0.00	0.0				
03/12/2025	07:11:18	0	0.0	0.00	0.0				
03/12/2025	07:11:48	0	0.0	0.00	0.0				
03/12/2025	07:12:18	0	0.0	0.00	0.0				
03/12/2025	07:12:48	0	0.0	0.00	0.0				
03/12/2025	07:13:00	0	0.0	0.00	0.0	Start Job @ 06:30 3/12/25			
03/12/2025	07:13:18	0	0.0	0.00	0.0				
03/12/2025	07:13:48	0	0.0	0.00	0.0				
03/12/2025	07:14:00	0	0.0	0.00	0.0	load test lines			
03/12/2025	07:14:18	0	0.0	0.00	0.0				
03/12/2025	07:14:48	0	0.0	0.00	0.0				
03/12/2025	07:15:48	0	0.0	0.00	0.0				
03/12/2025	07:16:18	0	0.0	0.00	0.0				
03/12/2025	07:16:48	0	0.0	0.00	0.0				
03/12/2025	07:17:18	0	0.0	0.00	0.0				
03/12/2025	07:17:48	0	0.0	0.00	0.0				
03/12/2025	07:18:18	0	0.0	0.00	0.0				
03/12/2025	07:18:48	0	0.0	0.00	0.0				
03/12/2025	07:19:18	0	0.0	0.00	0.0				
03/12/2025	07:19:48	0	0.0	0.00	0.0				
03/12/2025	07:20:18	0	0.0	0.00	0.0				

03/13/2026

Well		Field	Job Start	Customer	Job Number	
Michel Southworth 206H 206H		Wildcat	Mar/12/2025	Expand Energy	A.1068795.01.05	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
03/12/2025	07:21:18	0	0.0	0.00	0.0	
03/12/2025	07:22:18	0	0.0	0.00	0.0	
03/12/2025	07:22:48	0	0.0	0.00	0.0	
03/12/2025	07:23:00	0	0.0	0.00	0.0	25bbl gel spacer
03/12/2025	07:23:18	0	0.0	0.00	0.0	
03/12/2025	07:23:48	0	0.0	0.00	0.0	
03/12/2025	07:24:18	0	0.0	0.00	0.0	
03/12/2025	07:24:48	0	0.0	0.00	0.0	
03/12/2025	07:25:18	0	0.0	0.00	0.0	
03/12/2025	07:25:48	0	0.0	0.00	0.0	
03/12/2025	07:26:18	0	0.0	0.00	0.0	
03/12/2025	07:26:48	0	0.0	0.00	0.0	
03/12/2025	07:27:00	0	0.0	0.00	0.0	158bbl tail cement 15.6ppg 753sk
03/12/2025	07:27:18	0	0.0	0.00	0.0	
03/12/2025	07:27:48	0	0.0	0.00	0.0	
03/12/2025	07:28:18	0	0.0	0.00	0.0	
03/12/2025	07:28:48	0	0.0	0.00	0.0	
03/12/2025	07:29:18	0	0.0	0.00	0.0	
03/12/2025	07:29:48	0	0.0	0.00	0.0	
03/12/2025	07:30:18	0	0.0	0.00	0.0	
03/12/2025	07:30:48	0	0.0	0.00	0.0	
03/12/2025	07:31:18	0	0.0	0.00	0.0	
03/12/2025	07:31:48	0	0.0	0.00	0.0	
03/12/2025	07:32:18	0	0.0	0.00	0.0	
03/12/2025	07:32:48	0	0.0	0.00	0.0	
03/12/2025	07:33:18	0	0.0	0.00	0.0	
03/12/2025	07:33:48	0	0.0	0.00	0.0	
03/12/2025	07:34:18	0	0.0	0.00	0.0	
03/12/2025	07:34:48	0	0.0	0.00	0.0	
03/12/2025	07:35:18	0	0.0	0.00	0.0	
03/12/2025	07:35:48	0	0.0	0.00	0.0	
03/12/2025	07:36:18	0	0.0	0.00	0.0	
03/12/2025	07:36:48	0	0.0	0.00	0.0	
03/12/2025	07:37:18	0	0.0	0.00	0.0	
03/12/2025	07:37:48	0	0.0	0.00	0.0	
03/12/2025	07:38:18	0	0.0	0.00	0.0	
03/12/2025	07:38:48	0	0.0	0.00	0.0	
03/12/2025	07:39:18	0	0.0	0.00	0.0	
03/12/2025	07:39:48	0	0.0	0.00	0.0	
03/12/2025	07:40:18	0	0.0	0.00	0.0	
03/12/2025	07:40:48	0	0.0	0.00	0.0	
03/12/2025	07:41:18	0	0.0	0.00	0.0	
03/12/2025	07:41:48	0	0.0	0.00	0.0	
03/12/2025	07:42:18	0	0.0	0.00	0.0	
03/12/2025	07:42:48	0	0.0	0.00	0.0	
03/12/2025	07:43:18	0	0.0	0.00	0.0	
03/12/2025	07:43:48	0	0.0	0.00	0.0	
03/12/2025	07:44:18	0	0.0	0.00	0.0	
03/12/2025	07:44:48	0	0.0	0.00	0.0	
03/12/2025	07:45:18	0	0.0	0.00	0.0	
03/12/2025	07:45:48	0	0.0	0.00	0.0	
03/12/2025	07:46:18	0	0.0	0.00	0.0	
03/12/2025	07:46:48	0	0.0	0.00	0.0	
03/12/2025	07:47:18	0	0.0	0.00	0.0	

Well		Field		Job Start		Customer		Job Number	
Michel Southworth 206H 206H		Wildcat		Mar/12/2025		Expand Energy		A.1068795.01.05	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
03/12/2025	07:48:18	0	0.0	0.00	0.0				
03/12/2025	07:48:48	0	0.0	0.00	0.0				
03/12/2025	07:49:18	0	0.0	0.00	0.0				
03/12/2025	07:49:48	0	0.0	0.00	0.0				
03/12/2025	07:50:18	0	0.0	0.00	0.0				
03/12/2025	07:50:48	0	0.0	0.00	0.0				
03/12/2025	07:51:00	0	0.0	0.00	0.0	release top plug			
03/12/2025	07:51:18	0	0.0	0.00	0.0				
03/12/2025	07:51:48	0	0.0	0.00	0.0				
03/12/2025	07:52:00	0	0.0	0.00	0.0	displace154bbl fresh water			
03/12/2025	07:52:18	0	0.0	0.00	0.0				
03/12/2025	07:52:48	0	0.0	0.00	0.0				
03/12/2025	07:53:18	0	0.0	0.00	0.0				
03/12/2025	07:53:48	0	0.0	0.00	0.0				
03/12/2025	07:54:18	0	0.0	0.00	0.0				
03/12/2025	07:54:48	0	0.0	0.00	0.0				
03/12/2025	07:55:18	0	0.0	0.00	0.0				
03/12/2025	07:55:48	0	0.0	0.00	0.0				
03/12/2025	07:56:18	0	0.0	0.00	0.0				
03/12/2025	07:56:48	0	0.0	0.00	0.0				
03/12/2025	07:57:18	0	0.0	0.00	0.0				
03/12/2025	07:57:48	0	0.0	0.00	0.0				
03/12/2025	07:58:18	0	0.0	0.00	0.0				
03/12/2025	07:58:48	0	0.0	0.00	0.0				
03/12/2025	07:59:18	0	0.0	0.00	0.0				
03/12/2025	07:59:48	0	0.0	0.00	0.0				
03/12/2025	08:00:18	0	0.0	0.00	0.0				
03/12/2025	08:00:48	0	0.0	0.00	0.0				
03/12/2025	08:01:18	0	0.0	0.00	0.0				
03/12/2025	08:01:48	0	0.0	0.00	0.0				
03/12/2025	08:02:18	0	0.0	0.00	0.0				
03/12/2025	08:02:48	0	0.0	0.00	0.0				
03/12/2025	08:03:18	0	0.0	0.00	0.0				
03/12/2025	08:03:48	0	0.0	0.00	0.0				
03/12/2025	08:04:18	0	0.0	0.00	0.0				
03/12/2025	08:04:48	0	0.0	0.00	0.0				
03/12/2025	08:05:18	0	0.0	0.00	0.0				
03/12/2025	08:05:48	0	0.0	0.00	0.0				
03/12/2025	08:06:18	0	0.0	0.00	0.0				
03/12/2025	08:06:48	0	0.0	0.00	0.0				
03/12/2025	08:07:18	0	0.0	0.00	0.0				
03/12/2025	08:07:48	0	0.0	0.00	0.0				
03/12/2025	08:08:18	0	0.0	0.00	0.0				
03/12/2025	08:08:48	0	0.0	0.00	0.0				
03/12/2025	08:09:18	0	0.0	0.00	0.0				
03/12/2025	08:09:48	0	0.0	0.00	0.0				
03/12/2025	08:10:18	0	0.0	0.00	0.0				
03/12/2025	08:10:48	0	0.0	0.00	0.0				
03/12/2025	08:11:18	0	0.0	0.00	0.0				
03/12/2025	08:11:48	0	0.0	0.00	0.0				
03/12/2025	08:12:18	0	0.0	0.00	0.0				
03/12/2025	08:13:18	0	0.0	0.00	0.0				
03/12/2025	08:13:48	0	0.0	0.00	0.0				
03/12/2025	08:14:18	0	0.0	0.00	0.0				

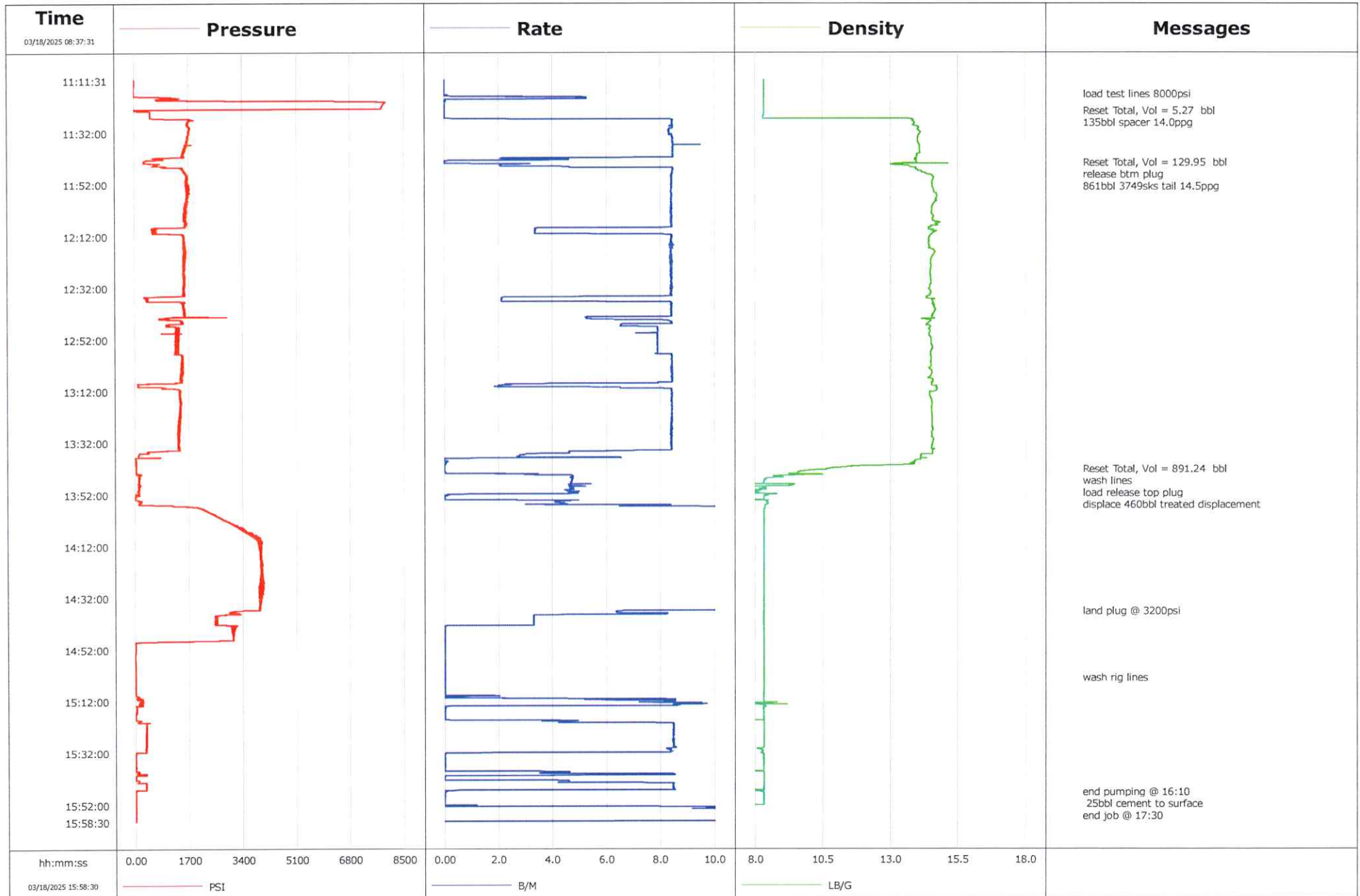
Well		Field		Job Start		Customer		Job Number	
Michel Southworth 206H 206H		Wildcat		Mar/12/2025		Expand Energy		A.1068795.01.05	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
03/12/2025	08:15:18	0	0.0	0.00	0.0				
03/12/2025	08:15:48	0	0.0	0.00	0.0				
03/12/2025	08:16:00	0	0.0	0.00	0.0	land plug @ 1350psi			
03/12/2025	08:16:18	0	0.0	0.00	0.0				
03/12/2025	08:16:48	0	0.0	0.00	0.0				
03/12/2025	08:17:00	0	0.0	0.00	0.0	35bbl cement to surface			
03/12/2025	08:17:18	0	0.0	0.00	0.0				
03/12/2025	08:17:48	0	0.0	0.00	0.0				
03/12/2025	08:18:18	0	0.0	0.00	0.0				
03/12/2025	08:18:48	0	0.0	0.00	0.0				
03/12/2025	08:19:48	0	0.0	0.00	0.0				
03/12/2025	08:20:18	0	0.0	0.00	0.0				
03/12/2025	08:20:48	0	0.0	0.00	0.0				
03/12/2025	08:21:18	0	0.0	0.00	0.0				
03/12/2025	08:21:48	0	0.0	0.00	0.0				
03/12/2025	08:22:18	0	0.0	0.00	0.0				
03/12/2025	08:22:48	0	0.0	0.00	0.0				
03/12/2025	08:23:18	0	0.0	0.00	0.0				
03/12/2025	08:23:48	0	0.0	0.00	0.0				
03/12/2025	08:24:18	0	0.0	0.00	0.0				
03/12/2025	08:24:48	0	0.0	0.00	0.0				
03/12/2025	08:25:18	0	0.0	0.00	0.0				
03/12/2025	08:25:48	0	0.0	0.00	0.0				
03/12/2025	08:26:18	0	0.0	0.00	0.0				
03/12/2025	08:26:48	0	0.0	0.00	0.0				
03/12/2025	08:27:18	0	0.0	0.00	0.0				
03/12/2025	08:27:48	0	0.0	0.00	0.0				
03/12/2025	08:28:18	0	0.0	0.00	0.0				
03/12/2025	08:28:48	0	0.0	0.00	0.0				
03/12/2025	08:29:18	0	0.0	0.00	0.0				
03/12/2025	08:29:48	0	0.0	0.00	0.0				
03/12/2025	08:30:18	0	0.0	0.00	0.0				
03/12/2025	08:30:48	0	0.0	0.00	0.0				
03/12/2025	08:31:18	0	0.0	0.00	0.0				
03/12/2025	08:31:48	0	0.0	0.00	0.0				
03/12/2025	08:32:18	0	0.0	0.00	0.0				
03/12/2025	08:32:48	0	0.0	0.00	0.0				
03/12/2025	08:33:18	0	0.0	0.00	0.0				
03/12/2025	08:33:48	0	0.0	0.00	0.0				
03/12/2025	08:34:18	0	0.0	0.00	0.0				
03/12/2025	08:34:48	0	0.0	0.00	0.0				
03/12/2025	08:35:00	0	0.0	0.00	0.0	wash rig lines			
03/12/2025	08:35:18	0	0.0	0.00	0.0				
03/12/2025	08:35:48	0	0.0	0.00	0.0				
03/12/2025	08:36:18	0	0.0	0.00	0.0				
03/12/2025	08:36:48	0	0.0	0.00	0.0				
03/12/2025	08:37:18	0	0.0	0.00	0.0				
03/12/2025	08:37:48	0	0.0	0.00	0.0				
03/12/2025	08:38:18	0	0.0	0.00	0.0				
03/12/2025	08:38:48	0	0.0	0.00	0.0				
03/12/2025	08:39:18	0	0.0	0.00	0.0				
03/12/2025	08:39:48	0	0.0	0.00	0.0				
03/12/2025	08:40:00	0	0.0	0.00	0.0	end pumping @ 09:30			
03/12/2025	08:40:18	0	0.0	0.00	0.0				

Well		Field		Job Start		Customer		Job Number	
Michel Southworth 206H 206H		Wildcat		Mar/12/2025		Expand Energy		A.1068795.01.05	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
03/12/2025	08:41:18	0	0.0	0.00	0.0				
03/12/2025	08:41:48	0	0.0	0.00	0.0				
03/12/2025	08:42:18	0	0.0	0.00	0.0				
03/12/2025	08:42:48	0	0.0	0.00	0.0				
03/12/2025	08:43:18	0	0.0	0.00	0.0				
03/12/2025	08:43:48	0	0.0	0.00	0.0				
03/12/2025	08:44:18	0	0.0	0.00	0.0				
03/12/2025	08:44:48	0	0.0	0.00	0.0				
03/12/2025	08:45:18	0	0.0	0.00	0.0				
03/12/2025	08:45:48	0	0.0	0.00	0.0				
03/12/2025	08:46:18	0	0.0	0.00	0.0				
03/12/2025	08:46:48	0	0.0	0.00	0.0				

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
			0.0	158.0	0.0	25.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
0	0					bbl	lb/gal
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume	35.0 bbl
%	158.0 bbl	154.0 bbl	degF	Washed Thru Perfs	<input type="checkbox"/>	To	ft
Customer or Authorized Representative			Schlumberger Supervisor		Circulation Lost	<input type="checkbox"/>	Job Completed
			Danny Cover		-		<input checked="" type="checkbox"/>

Well	Michael Southworth 206H	Client	Expand Energy
Field	Wildcat	SIR No.	A.1068795.01.26
Engineer	Danny Cover	Job Type	Production
Country	United States	Job Date	03-18-2025





Cementing Service Report

				Customer Expand Energy			Job Number A.1068795.01.26		
Well Michael Southworth 206H 206H			Location (legal) 46-051-02521-00-00			Schlumberger Location Strasburg			Job Start Mar/18/2025
Field Wildcat		Formation Name/Type		Deviation deg	Bit Size 8.5 in		Well MD 20809.0 ft		Well TVD 6396.0 ft
County marshall		State/Province Ohio		BHP psi	BHST degF		BHCT degF		Pore Press. Gradient lb/gal
Well Master 0067412522		API/UWI 46-051-02521-00-00							
Rig Name EDC 41		Drilled For Gas	Service Via Land		Casing/Liner				
				Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone		Well Class New	Well Type Development		2000.0	9.6	36.0	N/A	N/A
				20809.0	5.5	17.0	110	BUTT	
Drilling Fluid Type		Max. Density lb/gal	Plastic Viscosity cP		Tubing/Drill Pipe				
				T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line Cementing		Job Type Production							
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi	WH Connection Single Cement head		Perforations/Open Hole				
					Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval ft
Service Instructions					ft	ft			ft
					ft	ft			Diameter in
					ft	ft			in
					Treat Down Casing	Displacement 460.0 bbl	Packer Type	Packer Depth ft	
					Tubing Vol. bbl	Casing Vol. 461.0 bbl	Annular Vol. bbl	Openhole Vol. bbl	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>			Casing Tools			Squeeze Job	
Lift Pressure psi		Shoe Type Float		Squeeze Type					
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 20809.0 ft		Tool Type			
No. Centralizers		Top Plugs 1	Bottom Plugs 1	Stage Tool Type		Tool Depth ft			
Cement Head Type Single		Stage Tool Depth ft		Tail Pipe Size in					
Job Scheduled For Mar/18/2025 06:30		Arrived on Location Mar/18/2025 06:30		Leave Location Mar/18/2025 17:00		Collar Type Float		Tail Pipe Depth ft	
						Collar Depth 20766.0 ft		Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
03/18/2025	08:37:31	0	0.0	0.00	0.0				
03/18/2025	08:38:01	0	0.0	0.00	0.0				
03/18/2025	08:38:31	0	0.0	0.00	0.0				
03/18/2025	08:39:01	0	0.0	0.00	0.0				
03/18/2025	08:39:31	0	0.0	0.00	0.0				
03/18/2025	08:40:01	0	0.0	0.00	0.0				
03/18/2025	08:40:31	0	0.0	0.00	0.0				
03/18/2025	08:41:01	0	0.0	0.00	0.0				
03/18/2025	08:41:31	0	0.0	0.00	0.0				
03/18/2025	08:42:01	0	0.0	0.00	0.0				
03/18/2025	08:42:31	0	0.0	0.00	0.0				
03/18/2025	08:43:01	0	0.0	0.00	0.0				
03/18/2025	08:43:31	0	0.0	0.00	0.0				
03/18/2025	08:44:01	0	0.0	0.00	0.0				
03/18/2025	08:44:31	0	0.0	0.00	0.0				
03/18/2025	08:45:01	0	0.0	0.00	0.0				
03/18/2025	08:45:31	0	0.0	0.00	0.0				
03/18/2025	08:46:01	0	0.0	0.00	0.0				
03/18/2025	08:46:31	0	0.0	0.00	0.0				
03/18/2025	08:47:01	0	0.0	0.00	0.0				
03/18/2025	08:47:31	0	0.0	0.00	0.0				

Well		Field		Job Start		Customer		Job Number	
Michael Southworth 206H 206H		Wildcat		Mar/18/2025		Expand Energy		A.1068795.01.26	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
03/18/2025	08:48:31	0	0.0	0.00	0.0				
03/18/2025	08:49:01	0	0.0	0.00	0.0				
03/18/2025	08:49:31	0	0.0	0.00	0.0				
03/18/2025	08:50:01	0	0.0	0.00	0.0				
03/18/2025	08:50:31	0	0.0	0.00	0.0				
03/18/2025	08:51:01	0	0.0	0.00	0.0				
03/18/2025	08:51:31	0	0.0	0.00	0.0				
03/18/2025	08:52:01	0	0.0	0.00	0.0				
03/18/2025	08:52:31	0	0.0	0.00	0.0				
03/18/2025	08:53:01	0	0.0	0.00	0.0				
03/18/2025	08:53:31	0	0.0	0.00	0.0				
03/18/2025	08:54:01	0	0.0	0.00	0.0				
03/18/2025	08:54:31	0	0.0	0.00	0.0				
03/18/2025	08:55:01	0	0.0	0.00	0.0				
03/18/2025	08:55:31	0	0.0	0.00	0.0				
03/18/2025	08:56:01	0	0.0	0.00	0.0				
03/18/2025	08:56:31	0	0.0	0.00	0.0				
03/18/2025	08:57:01	0	0.0	0.00	0.0				
03/18/2025	08:57:31	0	0.0	0.00	0.0				
03/18/2025	08:58:01	0	0.0	0.00	0.0				
03/18/2025	08:58:31	0	0.0	0.00	0.0				
03/18/2025	08:59:31	0	0.0	0.00	0.0				
03/18/2025	09:00:01	0	0.0	0.00	0.0				
03/18/2025	09:00:31	0	0.0	0.00	0.0				
03/18/2025	09:01:01	0	0.0	0.00	0.0				
03/18/2025	09:01:31	0	0.0	0.00	0.0				
03/18/2025	09:02:01	0	0.0	0.00	0.0				
03/18/2025	09:02:31	0	0.0	0.00	0.0				
03/18/2025	09:03:01	0	0.0	0.00	0.0				
03/18/2025	09:03:31	0	0.0	0.00	0.0				
03/18/2025	09:04:01	0	0.0	0.00	0.0				
03/18/2025	09:04:31	0	0.0	0.00	0.0				
03/18/2025	09:05:01	0	0.0	0.00	0.0				
03/18/2025	09:06:01	0	0.0	0.00	0.0				
03/18/2025	09:06:31	0	0.0	0.00	0.0				
03/18/2025	09:07:01	0	0.0	0.00	0.0				
03/18/2025	09:07:31	0	0.0	0.00	0.0				
03/18/2025	09:08:01	0	0.0	0.00	0.0				
03/18/2025	09:08:31	0	0.0	0.00	0.0				
03/18/2025	09:09:01	0	0.0	0.00	0.0				
03/18/2025	09:09:31	0	0.0	0.00	0.0				
03/18/2025	09:10:01	0	0.0	0.00	0.0				
03/18/2025	09:10:31	0	0.0	0.00	0.0				
03/18/2025	09:11:01	0	0.0	0.00	0.0				
03/18/2025	09:11:31	0	0.0	0.00	0.0				
03/18/2025	09:12:01	0	0.0	0.00	0.0				
03/18/2025	09:12:31	0	0.0	0.00	0.0				
03/18/2025	09:13:01	0	0.0	0.00	0.0				
03/18/2025	09:13:31	0	0.0	0.00	0.0				
03/18/2025	09:14:01	0	0.0	0.00	0.0				
03/18/2025	09:14:31	0	0.0	0.00	0.0				
03/18/2025	09:15:01	0	0.0	0.00	0.0				
03/18/2025	09:15:31	0	0.0	0.00	0.0				
03/18/2025	09:16:01	0	0.0	0.00	0.0				

Well		Field		Job Start		Customer		Job Number	
Michael Southworth 206H 206H		Wildcat		Mar/18/2025		Expand Energy		A.1068795.01.26	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
03/18/2025	09:17:01	0	0.0	0.00	0.0				
03/18/2025	09:17:31	0	0.0	0.00	0.0				
03/18/2025	09:18:01	0	0.0	0.00	0.0				
03/18/2025	09:18:31	0	0.0	0.00	0.0				
03/18/2025	09:19:01	0	0.0	0.00	0.0				
03/18/2025	09:19:31	0	0.0	0.00	0.0				
03/18/2025	09:20:01	0	0.0	0.00	0.0				
03/18/2025	09:20:31	0	0.0	0.00	0.0				
03/18/2025	09:21:01	0	0.0	0.00	0.0				
03/18/2025	09:21:31	0	0.0	0.00	0.0				
03/18/2025	09:22:01	0	0.0	0.00	0.0				
03/18/2025	09:22:31	0	0.0	0.00	0.0				
03/18/2025	09:23:01	0	0.0	0.00	0.0				
03/18/2025	09:23:31	0	0.0	0.00	0.0				
03/18/2025	09:24:01	0	0.0	0.00	0.0				
03/18/2025	09:24:31	0	0.0	0.00	0.0				
03/18/2025	09:25:01	0	0.0	0.00	0.0				
03/18/2025	09:25:31	0	0.0	0.00	0.0				
03/18/2025	09:26:01	0	0.0	0.00	0.0				
03/18/2025	09:26:31	0	0.0	0.00	0.0				
03/18/2025	09:27:01	0	0.0	0.00	0.0				
03/18/2025	09:27:31	0	0.0	0.00	0.0				
03/18/2025	09:28:01	0	0.0	0.00	0.0				
03/18/2025	09:28:31	0	0.0	0.00	0.0				
03/18/2025	09:29:01	0	0.0	0.00	0.0				
03/18/2025	09:29:31	0	0.0	0.00	0.0				
03/18/2025	09:30:01	0	0.0	0.00	0.0				
03/18/2025	09:30:31	0	0.0	0.00	0.0				
03/18/2025	09:31:01	0	0.0	0.00	0.0				
03/18/2025	09:31:31	0	0.0	0.00	0.0				
03/18/2025	09:32:01	0	0.0	0.00	0.0				
03/18/2025	09:32:31	0	0.0	0.00	0.0				
03/18/2025	09:33:01	0	0.0	0.00	0.0				
03/18/2025	09:33:31	0	0.0	0.00	0.0				
03/18/2025	09:34:01	0	0.0	0.00	0.0				
03/18/2025	09:34:31	0	0.0	0.00	0.0				
03/18/2025	09:35:01	0	0.0	0.00	0.0				
03/18/2025	09:35:31	0	0.0	0.00	0.0				
03/18/2025	09:36:01	0	0.0	0.00	0.0				
03/18/2025	09:36:31	0	0.0	0.00	0.0				
03/18/2025	09:37:01	0	0.0	0.00	0.0				
03/18/2025	09:37:31	0	0.0	0.00	0.0				
03/18/2025	09:38:01	0	0.0	0.00	0.0				
03/18/2025	09:38:31	0	0.0	0.00	0.0				
03/18/2025	09:39:01	0	0.0	0.00	0.0				
03/18/2025	09:39:31	0	0.0	0.00	0.0				
03/18/2025	09:40:01	0	0.0	0.00	0.0				
03/18/2025	09:40:31	0	0.0	0.00	0.0				
03/18/2025	09:41:01	0	0.0	0.00	0.0				
03/18/2025	09:41:31	0	0.0	0.00	0.0				
03/18/2025	09:42:01	0	0.0	0.00	0.0				
03/18/2025	09:42:31	0	0.0	0.00	0.0				
03/18/2025	09:43:01	0	0.0	0.00	0.0				
03/18/2025	09:43:31	0	0.0	0.00	0.0				

Well		Field		Job Start	Customer	Job Number
Michael Southworth 206H 206H		Wildcat		Mar/18/2025	Expand Energy	A.1068795.01.26
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
03/18/2025	09:44:31	0	0.0	0.00	0.0	
03/18/2025	09:45:01	0	0.0	0.00	0.0	
03/18/2025	09:45:31	0	0.0	0.00	0.0	
03/18/2025	09:46:01	0	0.0	0.00	0.0	
03/18/2025	09:46:31	0	0.0	0.00	0.0	
03/18/2025	09:47:01	0	0.0	0.00	0.0	
03/18/2025	09:47:31	0	0.0	0.00	0.0	
03/18/2025	09:48:01	0	0.0	0.00	0.0	
03/18/2025	09:48:31	0	0.0	0.00	0.0	
03/18/2025	09:49:01	0	0.0	0.00	0.0	
03/18/2025	09:49:31	0	0.0	0.00	0.0	
03/18/2025	09:50:01	0	0.0	0.00	0.0	
03/18/2025	09:50:31	0	0.0	0.00	0.0	
03/18/2025	09:51:01	0	0.0	0.00	0.0	
03/18/2025	09:51:31	0	0.0	0.00	0.0	
03/18/2025	09:52:01	0	0.0	0.00	0.0	
03/18/2025	09:52:31	0	0.0	0.00	0.0	
03/18/2025	09:53:01	0	0.0	0.00	0.0	
03/18/2025	09:53:31	0	0.0	0.00	0.0	
03/18/2025	09:54:01	0	0.0	0.00	0.0	
03/18/2025	09:54:31	0	0.0	0.00	0.0	
03/18/2025	09:55:01	0	0.0	0.00	0.0	
03/18/2025	09:55:31	0	0.0	0.00	0.0	
03/18/2025	09:56:01	0	0.0	0.00	0.0	
03/18/2025	09:57:01	0	0.0	0.00	0.0	
03/18/2025	09:57:31	0	0.0	0.00	0.0	
03/18/2025	09:58:01	0	0.0	0.00	0.0	
03/18/2025	09:58:31	0	0.0	0.00	0.0	
03/18/2025	09:59:01	0	0.0	0.00	0.0	
03/18/2025	09:59:31	0	0.0	0.00	0.0	
03/18/2025	10:00:01	0	0.0	0.00	0.0	
03/18/2025	10:00:31	0	0.0	0.00	0.0	
03/18/2025	10:01:01	0	0.0	0.00	0.0	
03/18/2025	10:01:31	0	0.0	0.00	0.0	
03/18/2025	10:02:01	0	0.0	0.00	0.0	
03/18/2025	10:02:31	0	0.0	0.00	0.0	
03/18/2025	10:03:31	0	0.0	0.00	0.0	
03/18/2025	10:04:01	0	0.0	0.00	0.0	
03/18/2025	10:04:31	0	0.0	0.00	0.0	
03/18/2025	10:05:01	0	0.0	0.00	0.0	
03/18/2025	10:05:31	0	0.0	0.00	0.0	
03/18/2025	10:06:01	0	0.0	0.00	0.0	
03/18/2025	10:06:31	0	0.0	0.00	0.0	
03/18/2025	10:07:01	0	0.0	0.00	0.0	
03/18/2025	10:07:31	0	0.0	0.00	0.0	
03/18/2025	10:08:01	0	0.0	0.00	0.0	
03/18/2025	10:08:31	0	0.0	0.00	0.0	
03/18/2025	10:09:01	0	0.0	0.00	0.0	
03/18/2025	10:09:31	0	0.0	0.00	0.0	
03/18/2025	10:10:01	0	0.0	0.00	0.0	
03/18/2025	10:10:31	0	0.0	0.00	0.0	
03/18/2025	10:11:01	0	0.0	0.00	0.0	
03/18/2025	10:11:31	0	0.0	0.00	0.0	
03/18/2025	10:12:01	0	0.0	0.00	0.0	

03/13/2026

Well	Field	Job Start	Customer	Job Number	Date	Time 24-hr clock	Treating Pressure PST	Flow Rate B/M	Density LB/G	Volume BBL	Message
	Michael Southworth 206H 206H	Mar/18/2025	Expand Energy	A.1068795.01.26	03/18/2025	10:13:01	0	0.0	0.00	0.0	
					03/18/2025	10:13:31	0	0.0	0.00	0.0	
					03/18/2025	10:14:01	0	0.0	0.00	0.0	
					03/18/2025	10:14:31	0	0.0	0.00	0.0	
					03/18/2025	10:15:01	0	0.0	0.00	0.0	
					03/18/2025	10:15:31	0	0.0	0.00	0.0	
					03/18/2025	10:16:01	0	0.0	0.00	0.0	
					03/18/2025	10:16:31	0	0.0	0.00	0.0	
					03/18/2025	10:17:01	0	0.0	0.00	0.0	
					03/18/2025	10:17:31	0	0.0	0.00	0.0	
					03/18/2025	10:18:01	0	0.0	0.00	0.0	
					03/18/2025	10:18:31	0	0.0	0.00	0.0	
					03/18/2025	10:19:01	0	0.0	0.00	0.0	
					03/18/2025	10:19:31	0	0.0	0.00	0.0	
					03/18/2025	10:20:01	0	0.0	0.00	0.0	
					03/18/2025	10:20:31	0	0.0	0.00	0.0	
					03/18/2025	10:21:01	0	0.0	0.00	0.0	
					03/18/2025	10:21:31	0	0.0	0.00	0.0	
					03/18/2025	10:22:01	0	0.0	0.00	0.0	
					03/18/2025	10:22:31	0	0.0	0.00	0.0	
					03/18/2025	10:23:01	0	0.0	0.00	0.0	
					03/18/2025	10:23:31	0	0.0	0.00	0.0	
					03/18/2025	10:24:01	0	0.0	0.00	0.0	
					03/18/2025	10:24:31	0	0.0	0.00	0.0	
					03/18/2025	10:25:01	0	0.0	0.00	0.0	
					03/18/2025	10:25:31	0	0.0	0.00	0.0	
					03/18/2025	10:26:01	0	0.0	0.00	0.0	
					03/18/2025	10:26:31	0	0.0	0.00	0.0	
					03/18/2025	10:27:01	0	0.0	0.00	0.0	
					03/18/2025	10:27:31	0	0.0	0.00	0.0	
					03/18/2025	10:28:01	0	0.0	0.00	0.0	
					03/18/2025	10:28:31	0	0.0	0.00	0.0	
					03/18/2025	10:29:01	0	0.0	0.00	0.0	
					03/18/2025	10:29:31	0	0.0	0.00	0.0	
					03/18/2025	10:30:01	0	0.0	0.00	0.0	
					03/18/2025	10:30:31	0	0.0	0.00	0.0	
					03/18/2025	10:31:01	0	0.0	0.00	0.0	
					03/18/2025	10:31:31	0	0.0	0.00	0.0	
					03/18/2025	10:32:01	0	0.0	0.00	0.0	
					03/18/2025	10:32:31	0	0.0	0.00	0.0	
					03/18/2025	10:33:01	0	0.0	0.00	0.0	
					03/18/2025	10:33:31	0	0.0	0.00	0.0	
					03/18/2025	10:34:01	0	0.0	0.00	0.0	
					03/18/2025	10:34:31	0	0.0	0.00	0.0	
					03/18/2025	10:35:01	0	0.0	0.00	0.0	
					03/18/2025	10:35:31	0	0.0	0.00	0.0	
					03/18/2025	10:36:01	0	0.0	0.00	0.0	
					03/18/2025	10:36:31	0	0.0	0.00	0.0	
					03/18/2025	10:37:01	0	0.0	0.00	0.0	
					03/18/2025	10:37:31	0	0.0	0.00	0.0	
					03/18/2025	10:38:01	0	0.0	0.00	0.0	
					03/18/2025	10:38:31	0	0.0	0.00	0.0	
					03/18/2025	10:39:01	0	0.0	0.00	0.0	
					03/18/2025	10:39:31	0	0.0	0.00	0.0	

Well		Field	Job Start	Customer	Job Number	
Michael Southworth 206H 206H		Wildcat	Mar/18/2025	Expand Energy	A.1068795.01.26	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
03/18/2025	10:40:31	0	0.0	0.00	0.0	
03/18/2025	10:41:01	0	0.0	0.00	0.0	
03/18/2025	10:41:31	0	0.0	0.00	0.0	
03/18/2025	10:42:01	0	0.0	0.00	0.0	
03/18/2025	10:42:31	0	0.0	0.00	0.0	
03/18/2025	10:43:01	0	0.0	0.00	0.0	
03/18/2025	10:43:31	0	0.0	0.00	0.0	
03/18/2025	10:44:01	0	0.0	0.00	0.0	
03/18/2025	10:44:31	0	0.0	0.00	0.0	
03/18/2025	10:45:01	0	0.0	0.00	0.0	
03/18/2025	10:45:31	0	0.0	0.00	0.0	
03/18/2025	10:46:01	0	0.0	0.00	0.0	
03/18/2025	10:46:31	0	0.0	0.00	0.0	
03/18/2025	10:47:01	0	0.0	0.00	0.0	
03/18/2025	10:47:31	0	0.0	0.00	0.0	
03/18/2025	10:48:01	0	0.0	0.00	0.0	
03/18/2025	10:48:31	0	0.0	0.00	0.0	
03/18/2025	10:49:01	0	0.0	0.00	0.0	
03/18/2025	10:49:31	0	0.0	0.00	0.0	
03/18/2025	10:50:01	0	0.0	0.00	0.0	
03/18/2025	10:50:31	0	0.0	0.00	0.0	
03/18/2025	10:51:01	0	0.0	0.00	0.0	
03/18/2025	10:51:31	0	0.0	0.00	0.0	
03/18/2025	10:52:01	0	0.0	0.00	0.0	
03/18/2025	10:52:31	0	0.0	0.00	0.0	
03/18/2025	10:53:01	0	0.0	0.00	0.0	
03/18/2025	10:53:31	0	0.0	0.00	0.0	
03/18/2025	10:54:31	0	0.0	0.00	0.0	
03/18/2025	10:55:01	0	0.0	0.00	0.0	
03/18/2025	10:55:31	0	0.0	0.00	0.0	
03/18/2025	10:56:01	0	0.0	0.00	0.0	
03/18/2025	10:56:31	0	0.0	0.00	0.0	
03/18/2025	10:57:01	0	0.0	0.00	0.0	
03/18/2025	10:57:31	0	0.0	0.00	0.0	
03/18/2025	10:58:01	0	0.0	0.00	0.0	
03/18/2025	10:58:31	0	0.0	0.00	0.0	
03/18/2025	10:59:01	0	0.0	0.00	0.0	
03/18/2025	10:59:31	0	0.0	0.00	0.0	
03/18/2025	11:00:01	0	0.0	0.00	0.0	
03/18/2025	11:00:31	0	0.0	0.00	0.0	
03/18/2025	11:01:01	0	0.0	0.00	0.0	
03/18/2025	11:01:31	0	0.0	0.00	0.0	
03/18/2025	11:02:01	0	0.0	0.00	0.0	
03/18/2025	11:02:31	0	0.0	0.00	0.0	
03/18/2025	11:03:01	0	0.0	0.00	0.0	
03/18/2025	11:03:31	0	0.0	0.00	0.0	
03/18/2025	11:04:01	0	0.0	0.00	0.0	
03/18/2025	11:04:31	0	0.0	0.00	0.0	
03/18/2025	11:05:01	0	0.0	0.00	0.0	
03/18/2025	11:05:31	0	0.0	0.00	0.0	
03/18/2025	11:06:01	0	0.0	0.00	0.0	
03/18/2025	11:06:31	0	0.0	0.00	0.0	
03/18/2025	11:07:01	0	0.0	0.00	0.0	
03/18/2025	11:07:31	0	0.0	0.00	0.0	

Well		Field	Job Start	Customer	Job Number	
Michael Southworth 206H 206H		Wildcat	Mar/18/2025	Expand Energy	A.1068795.01.26	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
03/18/2025	11:08:31	0	0.0	0.00	0.0	
03/18/2025	11:09:01	0	0.0	0.00	0.0	
03/18/2025	11:09:31	0	0.0	0.00	0.0	
03/18/2025	11:10:01	0	0.0	0.00	0.0	
03/18/2025	11:10:31	0	0.0	0.00	0.0	
03/18/2025	11:11:01	0	0.0	0.00	0.0	
03/18/2025	11:11:31	0	0.0	0.00	0.0	
03/18/2025	11:12:01	0	0.0	0.00	0.0	
03/18/2025	11:12:31	0	0.0	0.00	0.0	
03/18/2025	11:13:01	0	0.0	0.00	0.0	
03/18/2025	11:13:31	0	0.0	0.00	0.0	
03/18/2025	11:14:01	0	0.0	0.00	0.0	
03/18/2025	11:14:31	0	0.0	0.00	0.0	
03/18/2025	11:15:01	0	0.0	0.00	0.0	
03/18/2025	11:15:31	0	0.0	0.00	0.0	
03/18/2025	11:16:01	0	0.0	0.00	0.0	
03/18/2025	11:16:31	0	0.0	0.00	0.0	
03/18/2025	11:17:00	0	0.0	0.00	0.0	load test lines 8000psi
03/18/2025	11:17:01	0	0.0	0.00	0.0	
03/18/2025	11:17:31	0	0.0	0.00	0.0	
03/18/2025	11:18:01	0	0.0	0.00	0.0	
03/18/2025	11:18:31	0	0.0	0.00	0.0	
03/18/2025	11:19:01	0	0.0	0.00	0.0	
03/18/2025	11:19:31	0	0.0	0.00	0.0	
03/18/2025	11:20:01	0	0.0	0.00	0.0	
03/18/2025	11:20:31	0	0.0	0.00	0.0	
03/18/2025	11:21:01	0	0.0	0.00	0.0	
03/18/2025	11:21:31	0	0.0	0.00	0.0	
03/18/2025	11:22:01	0	0.0	0.00	0.0	
03/18/2025	11:22:31	0	0.0	0.00	0.0	
03/18/2025	11:23:01	0	0.0	0.00	0.0	
03/18/2025	11:23:26	0	0.0	0.00	0.0	Reset Total, Vol = 5.27 bbl
03/18/2025	11:23:31	0	0.0	0.00	0.0	
03/18/2025	11:24:01	0	0.0	0.00	0.0	
03/18/2025	11:24:31	0	0.0	0.00	0.0	
03/18/2025	11:25:01	0	0.0	0.00	0.0	
03/18/2025	11:25:31	0	0.0	0.00	0.0	
03/18/2025	11:26:00	0	0.0	0.00	0.0	135bbl spacer 14.0ppg
03/18/2025	11:26:01	0	0.0	0.00	0.0	
03/18/2025	11:26:31	0	0.0	0.00	0.0	
03/18/2025	11:27:01	0	0.0	0.00	0.0	
03/18/2025	11:27:31	0	0.0	0.00	0.0	
03/18/2025	11:28:01	0	0.0	0.00	0.0	
03/18/2025	11:28:31	0	0.0	0.00	0.0	
03/18/2025	11:29:01	0	0.0	0.00	0.0	
03/18/2025	11:29:31	0	0.0	0.00	0.0	
03/18/2025	11:30:01	0	0.0	0.00	0.0	
03/18/2025	11:30:31	0	0.0	0.00	0.0	
03/18/2025	11:31:01	0	0.0	0.00	0.0	
03/18/2025	11:31:31	0	0.0	0.00	0.0	
03/18/2025	11:32:01	0	0.0	0.00	0.0	
03/18/2025	11:32:31	0	0.0	0.00	0.0	
03/18/2025	11:33:01	0	0.0	0.00	0.0	
03/18/2025	11:33:31	0	0.0	0.00	0.0	

Well		Field		Job Start		Customer		Job Number	
Michael Southworth 206H 206H		Wildcat		Mar/18/2025		Expand Energy		A.1068795.01.26	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
03/18/2025	11:34:31	0	0.0	0.00	0.0				
03/18/2025	11:35:01	0	0.0	0.00	0.0				
03/18/2025	11:35:31	0	0.0	0.00	0.0				
03/18/2025	11:36:01	0	0.0	0.00	0.0				
03/18/2025	11:36:31	0	0.0	0.00	0.0				
03/18/2025	11:37:01	0	0.0	0.00	0.0				
03/18/2025	11:37:31	0	0.0	0.00	0.0				
03/18/2025	11:38:01	0	0.0	0.00	0.0				
03/18/2025	11:38:31	0	0.0	0.00	0.0				
03/18/2025	11:39:01	0	0.0	0.00	0.0				
03/18/2025	11:39:31	0	0.0	0.00	0.0				
03/18/2025	11:40:01	0	0.0	0.00	0.0				
03/18/2025	11:40:31	0	0.0	0.00	0.0				
03/18/2025	11:41:01	0	0.0	0.00	0.0				
03/18/2025	11:41:31	0	0.0	0.00	0.0				
03/18/2025	11:42:01	0	0.0	0.00	0.0				
03/18/2025	11:42:31	0	0.0	0.00	0.0				
03/18/2025	11:43:01	0	0.0	0.00	0.0				
03/18/2025	11:43:23	0	0.0	0.00	0.0	Reset Total, Vol = 129.95 bbl			
03/18/2025	11:43:31	0	0.0	0.00	0.0				
03/18/2025	11:44:00	0	0.0	0.00	0.0	release btm plug			
03/18/2025	11:44:01	0	0.0	0.00	0.0				
03/18/2025	11:44:31	0	0.0	0.00	0.0				
03/18/2025	11:45:01	0	0.0	0.00	0.0				
03/18/2025	11:45:31	0	0.0	0.00	0.0				
03/18/2025	11:46:00	0	0.0	0.00	0.0	861bbl 3749sks tail 14.5ppg			
03/18/2025	11:46:01	0	0.0	0.00	0.0				
03/18/2025	11:46:31	0	0.0	0.00	0.0				
03/18/2025	11:47:01	0	0.0	0.00	0.0				
03/18/2025	11:47:31	0	0.0	0.00	0.0				
03/18/2025	11:48:01	0	0.0	0.00	0.0				
03/18/2025	11:48:31	0	0.0	0.00	0.0				
03/18/2025	11:49:01	0	0.0	0.00	0.0				
03/18/2025	11:49:31	0	0.0	0.00	0.0				
03/18/2025	11:50:01	0	0.0	0.00	0.0				
03/18/2025	11:50:31	0	0.0	0.00	0.0				
03/18/2025	11:51:01	0	0.0	0.00	0.0				
03/18/2025	11:52:01	0	0.0	0.00	0.0				
03/18/2025	11:52:31	0	0.0	0.00	0.0				
03/18/2025	11:53:01	0	0.0	0.00	0.0				
03/18/2025	11:53:31	0	0.0	0.00	0.0				
03/18/2025	11:54:01	0	0.0	0.00	0.0				
03/18/2025	11:54:31	0	0.0	0.00	0.0				
03/18/2025	11:55:01	0	0.0	0.00	0.0				
03/18/2025	11:55:31	0	0.0	0.00	0.0				
03/18/2025	11:56:01	0	0.0	0.00	0.0				
03/18/2025	11:56:31	0	0.0	0.00	0.0				
03/18/2025	11:57:01	0	0.0	0.00	0.0				
03/18/2025	11:57:31	0	0.0	0.00	0.0				
03/18/2025	11:58:01	0	0.0	0.00	0.0				
03/18/2025	11:58:31	0	0.0	0.00	0.0				
03/18/2025	11:59:01	0	0.0	0.00	0.0				
03/18/2025	11:59:31	0	0.0	0.00	0.0				
03/18/2025	12:00:01	0	0.0	0.00	0.0				

Well		Field		Job Start		Customer		Job Number	
Michael Southworth 206H 206H		Wildcat		Mar/18/2025		Expand Energy		A.1068795.01.26	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
03/18/2025	12:01:01	0	0.0	0.00	0.0				
03/18/2025	12:01:31	0	0.0	0.00	0.0				
03/18/2025	12:02:01	0	0.0	0.00	0.0				
03/18/2025	12:02:31	0	0.0	0.00	0.0				
03/18/2025	12:03:01	0	0.0	0.00	0.0				
03/18/2025	12:03:31	0	0.0	0.00	0.0				
03/18/2025	12:04:01	0	0.0	0.00	0.0				
03/18/2025	12:04:31	0	0.0	0.00	0.0				
03/18/2025	12:05:01	0	0.0	0.00	0.0				
03/18/2025	12:05:31	0	0.0	0.00	0.0				
03/18/2025	12:06:01	0	0.0	0.00	0.0				
03/18/2025	12:06:31	0	0.0	0.00	0.0				
03/18/2025	12:07:01	0	0.0	0.00	0.0				
03/18/2025	12:07:31	0	0.0	0.00	0.0				
03/18/2025	12:08:01	0	0.0	0.00	0.0				
03/18/2025	12:08:31	0	0.0	0.00	0.0				
03/18/2025	12:09:01	0	0.0	0.00	0.0				
03/18/2025	12:09:31	0	0.0	0.00	0.0				
03/18/2025	12:10:01	0	0.0	0.00	0.0				
03/18/2025	12:10:31	0	0.0	0.00	0.0				
03/18/2025	12:11:01	0	0.0	0.00	0.0				
03/18/2025	12:11:31	0	0.0	0.00	0.0				
03/18/2025	12:12:01	0	0.0	0.00	0.0				
03/18/2025	12:12:31	0	0.0	0.00	0.0				
03/18/2025	12:13:01	0	0.0	0.00	0.0				
03/18/2025	12:13:31	0	0.0	0.00	0.0				
03/18/2025	12:14:01	0	0.0	0.00	0.0				
03/18/2025	12:14:31	0	0.0	0.00	0.0				
03/18/2025	12:15:01	0	0.0	0.00	0.0				
03/18/2025	12:15:31	0	0.0	0.00	0.0				
03/18/2025	12:16:01	0	0.0	0.00	0.0				
03/18/2025	12:16:31	0	0.0	0.00	0.0				
03/18/2025	12:17:01	0	0.0	0.00	0.0				
03/18/2025	12:17:31	0	0.0	0.00	0.0				
03/18/2025	12:18:01	0	0.0	0.00	0.0				
03/18/2025	12:18:31	0	0.0	0.00	0.0				
03/18/2025	12:19:01	0	0.0	0.00	0.0				
03/18/2025	12:19:31	0	0.0	0.00	0.0				
03/18/2025	12:20:01	0	0.0	0.00	0.0				
03/18/2025	12:20:31	0	0.0	0.00	0.0				
03/18/2025	12:21:01	0	0.0	0.00	0.0				
03/18/2025	12:21:31	0	0.0	0.00	0.0				
03/18/2025	12:22:01	0	0.0	0.00	0.0				
03/18/2025	12:22:31	0	0.0	0.00	0.0				
03/18/2025	12:23:01	0	0.0	0.00	0.0				
03/18/2025	12:23:31	0	0.0	0.00	0.0				
03/18/2025	12:24:01	0	0.0	0.00	0.0				
03/18/2025	12:24:31	0	0.0	0.00	0.0				
03/18/2025	12:25:01	0	0.0	0.00	0.0				
03/18/2025	12:25:31	0	0.0	0.00	0.0				
03/18/2025	12:26:01	0	0.0	0.00	0.0				
03/18/2025	12:26:31	0	0.0	0.00	0.0				
03/18/2025	12:27:01	0	0.0	0.00	0.0				
03/18/2025	12:27:31	0	0.0	0.00	0.0				

Well		Field		Job Start	Customer		Job Number
Michael Southworth 206H 206H		Wildcat		Mar/18/2025	Expand Energy		A.1068795.01.26
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
03/18/2025	12:28:31	0	0.0	0.00	0.0		
03/18/2025	12:29:01	0	0.0	0.00	0.0		
03/18/2025	12:29:31	0	0.0	0.00	0.0		
03/18/2025	12:30:01	0	0.0	0.00	0.0		
03/18/2025	12:30:31	0	0.0	0.00	0.0		
03/18/2025	12:31:01	0	0.0	0.00	0.0		
03/18/2025	12:31:31	0	0.0	0.00	0.0		
03/18/2025	12:32:01	0	0.0	0.00	0.0		
03/18/2025	12:32:31	0	0.0	0.00	0.0		
03/18/2025	12:33:01	0	0.0	0.00	0.0		
03/18/2025	12:33:31	0	0.0	0.00	0.0		
03/18/2025	12:34:01	0	0.0	0.00	0.0		
03/18/2025	12:34:31	0	0.0	0.00	0.0		
03/18/2025	12:35:01	0	0.0	0.00	0.0		
03/18/2025	12:35:31	0	0.0	0.00	0.0		
03/18/2025	12:36:01	0	0.0	0.00	0.0		
03/18/2025	12:36:31	0	0.0	0.00	0.0		
03/18/2025	12:37:01	0	0.0	0.00	0.0		
03/18/2025	12:37:31	0	0.0	0.00	0.0		
03/18/2025	12:38:01	0	0.0	0.00	0.0		
03/18/2025	12:38:31	0	0.0	0.00	0.0		
03/18/2025	12:39:01	0	0.0	0.00	0.0		
03/18/2025	12:39:31	0	0.0	0.00	0.0		
03/18/2025	12:40:01	0	0.0	0.00	0.0		
03/18/2025	12:40:31	0	0.0	0.00	0.0		
03/18/2025	12:41:01	0	0.0	0.00	0.0		
03/18/2025	12:41:31	0	0.0	0.00	0.0		
03/18/2025	12:42:01	0	0.0	0.00	0.0		
03/18/2025	12:43:01	0	0.0	0.00	0.0		
03/18/2025	12:43:31	0	0.0	0.00	0.0		
03/18/2025	12:44:01	0	0.0	0.00	0.0		
03/18/2025	12:44:31	0	0.0	0.00	0.0		
03/18/2025	12:45:01	0	0.0	0.00	0.0		
03/18/2025	12:45:31	0	0.0	0.00	0.0		
03/18/2025	12:46:01	0	0.0	0.00	0.0		
03/18/2025	12:46:31	0	0.0	0.00	0.0		
03/18/2025	12:47:01	0	0.0	0.00	0.0		
03/18/2025	12:47:31	0	0.0	0.00	0.0		
03/18/2025	12:48:01	0	0.0	0.00	0.0		
03/18/2025	12:48:31	0	0.0	0.00	0.0		
03/18/2025	12:49:31	0	0.0	0.00	0.0		
03/18/2025	12:50:01	0	0.0	0.00	0.0		
03/18/2025	12:50:31	0	0.0	0.00	0.0		
03/18/2025	12:51:01	0	0.0	0.00	0.0		
03/18/2025	12:51:31	0	0.0	0.00	0.0		
03/18/2025	12:52:01	0	0.0	0.00	0.0		
03/18/2025	12:52:31	0	0.0	0.00	0.0		
03/18/2025	12:53:01	0	0.0	0.00	0.0		
03/18/2025	12:53:31	0	0.0	0.00	0.0		
03/18/2025	12:54:01	0	0.0	0.00	0.0		
03/18/2025	12:54:31	0	0.0	0.00	0.0		
03/18/2025	12:55:01	0	0.0	0.00	0.0		
03/18/2025	12:55:31	0	0.0	0.00	0.0		
03/18/2025	12:56:01	0	0.0	0.00	0.0		

03/13/2026

Well		Field	Job Start	Customer	Job Number	
Michael Southworth 206H 206H		Wildcat	Mar/18/2025	Expand Energy	A.1068795.01.26	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
03/18/2025	12:57:01	0	0.0	0.00	0.0	
03/18/2025	12:57:31	0	0.0	0.00	0.0	
03/18/2025	12:58:01	0	0.0	0.00	0.0	
03/18/2025	12:58:31	0	0.0	0.00	0.0	
03/18/2025	12:59:01	0	0.0	0.00	0.0	
03/18/2025	12:59:31	0	0.0	0.00	0.0	
03/18/2025	13:00:01	0	0.0	0.00	0.0	
03/18/2025	13:00:31	0	0.0	0.00	0.0	
03/18/2025	13:01:01	0	0.0	0.00	0.0	
03/18/2025	13:01:31	0	0.0	0.00	0.0	
03/18/2025	13:02:01	0	0.0	0.00	0.0	
03/18/2025	13:02:31	0	0.0	0.00	0.0	
03/18/2025	13:03:01	0	0.0	0.00	0.0	
03/18/2025	13:03:31	0	0.0	0.00	0.0	
03/18/2025	13:04:01	0	0.0	0.00	0.0	
03/18/2025	13:04:31	0	0.0	0.00	0.0	
03/18/2025	13:05:01	0	0.0	0.00	0.0	
03/18/2025	13:05:31	0	0.0	0.00	0.0	
03/18/2025	13:06:01	0	0.0	0.00	0.0	
03/18/2025	13:06:31	0	0.0	0.00	0.0	
03/18/2025	13:07:01	0	0.0	0.00	0.0	
03/18/2025	13:07:31	0	0.0	0.00	0.0	
03/18/2025	13:08:01	0	0.0	0.00	0.0	
03/18/2025	13:08:31	0	0.0	0.00	0.0	
03/18/2025	13:09:01	0	0.0	0.00	0.0	
03/18/2025	13:09:31	0	0.0	0.00	0.0	
03/18/2025	13:10:01	0	0.0	0.00	0.0	
03/18/2025	13:10:31	0	0.0	0.00	0.0	
03/18/2025	13:11:01	0	0.0	0.00	0.0	
03/18/2025	13:11:31	0	0.0	0.00	0.0	
03/18/2025	13:12:01	0	0.0	0.00	0.0	
03/18/2025	13:12:31	0	0.0	0.00	0.0	
03/18/2025	13:13:01	0	0.0	0.00	0.0	
03/18/2025	13:13:31	0	0.0	0.00	0.0	
03/18/2025	13:14:01	0	0.0	0.00	0.0	
03/18/2025	13:14:31	0	0.0	0.00	0.0	
03/18/2025	13:15:01	0	0.0	0.00	0.0	
03/18/2025	13:15:31	0	0.0	0.00	0.0	
03/18/2025	13:16:01	0	0.0	0.00	0.0	
03/18/2025	13:16:31	0	0.0	0.00	0.0	
03/18/2025	13:17:01	0	0.0	0.00	0.0	
03/18/2025	13:17:31	0	0.0	0.00	0.0	
03/18/2025	13:18:01	0	0.0	0.00	0.0	
03/18/2025	13:18:31	0	0.0	0.00	0.0	
03/18/2025	13:19:01	0	0.0	0.00	0.0	
03/18/2025	13:19:31	0	0.0	0.00	0.0	
03/18/2025	13:20:01	0	0.0	0.00	0.0	
03/18/2025	13:20:31	0	0.0	0.00	0.0	
03/18/2025	13:21:01	0	0.0	0.00	0.0	
03/18/2025	13:21:31	0	0.0	0.00	0.0	
03/18/2025	13:22:01	0	0.0	0.00	0.0	
03/18/2025	13:22:31	0	0.0	0.00	0.0	
03/18/2025	13:23:01	0	0.0	0.00	0.0	
03/18/2025	13:23:31	0	0.0	0.00	0.0	

Well		Field	Job Start	Customer	Job Number	
Michael Southworth 206H 206H		Wildcat	Mar/18/2025	Expand Energy	A.1068795.01.26	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
03/18/2025	13:24:31	0	0.0	0.00	0.0	
03/18/2025	13:25:01	0	0.0	0.00	0.0	
03/18/2025	13:25:31	0	0.0	0.00	0.0	
03/18/2025	13:26:01	0	0.0	0.00	0.0	
03/18/2025	13:26:31	0	0.0	0.00	0.0	
03/18/2025	13:27:01	0	0.0	0.00	0.0	
03/18/2025	13:27:31	0	0.0	0.00	0.0	
03/18/2025	13:28:01	0	0.0	0.00	0.0	
03/18/2025	13:28:31	0	0.0	0.00	0.0	
03/18/2025	13:29:01	0	0.0	0.00	0.0	
03/18/2025	13:29:31	0	0.0	0.00	0.0	
03/18/2025	13:30:01	0	0.0	0.00	0.0	
03/18/2025	13:30:31	0	0.0	0.00	0.0	
03/18/2025	13:31:01	0	0.0	0.00	0.0	
03/18/2025	13:31:31	0	0.0	0.00	0.0	
03/18/2025	13:32:01	0	0.0	0.00	0.0	
03/18/2025	13:32:31	0	0.0	0.00	0.0	
03/18/2025	13:33:01	0	0.0	0.00	0.0	
03/18/2025	13:33:31	0	0.0	0.00	0.0	
03/18/2025	13:34:01	0	0.0	0.00	0.0	
03/18/2025	13:34:31	0	0.0	0.00	0.0	
03/18/2025	13:35:01	0	0.0	0.00	0.0	
03/18/2025	13:35:31	0	0.0	0.00	0.0	
03/18/2025	13:36:01	0	0.0	0.00	0.0	
03/18/2025	13:36:31	0	0.0	0.00	0.0	
03/18/2025	13:37:01	0	0.0	0.00	0.0	
03/18/2025	13:37:31	0	0.0	0.00	0.0	
03/18/2025	13:38:01	0	0.0	0.00	0.0	
03/18/2025	13:38:31	0	0.0	0.00	0.0	
03/18/2025	13:39:01	0	0.0	0.00	0.0	
03/18/2025	13:39:31	0	0.0	0.00	0.0	
03/18/2025	13:40:31	0	0.0	0.00	0.0	
03/18/2025	13:41:01	0	0.0	0.00	0.0	
03/18/2025	13:41:31	0	0.0	0.00	0.0	
03/18/2025	13:42:01	0	0.0	0.00	0.0	
03/18/2025	13:42:04	0	0.0	0.00	0.0	Reset Total, Vol = 891.24 bbl
03/18/2025	13:42:31	0	0.0	0.00	0.0	
03/18/2025	13:43:00	0	0.0	0.00	0.0	wash lines
03/18/2025	13:43:01	0	0.0	0.00	0.0	
03/18/2025	13:43:31	0	0.0	0.00	0.0	
03/18/2025	13:44:01	0	0.0	0.00	0.0	
03/18/2025	13:44:31	0	0.0	0.00	0.0	
03/18/2025	13:45:01	0	0.0	0.00	0.0	
03/18/2025	13:45:31	0	0.0	0.00	0.0	
03/18/2025	13:46:01	0	0.0	0.00	0.0	
03/18/2025	13:47:01	0	0.0	0.00	0.0	
03/18/2025	13:47:31	0	0.0	0.00	0.0	
03/18/2025	13:48:01	0	0.0	0.00	0.0	
03/18/2025	13:48:31	0	0.0	0.00	0.0	
03/18/2025	13:49:00	0	0.0	0.00	0.0	load release top plug
03/18/2025	13:49:01	0	0.0	0.00	0.0	
03/18/2025	13:49:31	0	0.0	0.00	0.0	
03/18/2025	13:50:00	0	0.0	0.00	0.0	displace 460bbl treated displacement
03/18/2025	13:50:01	0	0.0	0.00	0.0	

Well		Field		Job Start		Customer		Job Number	
Michael Southworth 206H 206H		Wildcat		Mar/18/2025		Expand Energy		A.1068795.01.26	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
03/18/2025	13:51:01	0	0.0	0.00	0.0				
03/18/2025	13:51:31	0	0.0	0.00	0.0				
03/18/2025	13:52:01	0	0.0	0.00	0.0				
03/18/2025	13:52:31	0	0.0	0.00	0.0				
03/18/2025	13:53:01	0	0.0	0.00	0.0				
03/18/2025	13:53:31	0	0.0	0.00	0.0				
03/18/2025	13:54:01	0	0.0	0.00	0.0				
03/18/2025	13:54:31	0	0.0	0.00	0.0				
03/18/2025	13:55:01	0	0.0	0.00	0.0				
03/18/2025	13:55:31	0	0.0	0.00	0.0				
03/18/2025	13:56:01	0	0.0	0.00	0.0				
03/18/2025	13:56:31	0	0.0	0.00	0.0				
03/18/2025	13:57:01	0	0.0	0.00	0.0				
03/18/2025	13:57:31	0	0.0	0.00	0.0				
03/18/2025	13:58:01	0	0.0	0.00	0.0				
03/18/2025	13:58:31	0	0.0	0.00	0.0				
03/18/2025	13:59:01	0	0.0	0.00	0.0				
03/18/2025	13:59:31	0	0.0	0.00	0.0				
03/18/2025	14:00:01	0	0.0	0.00	0.0				
03/18/2025	14:00:31	0	0.0	0.00	0.0				
03/18/2025	14:01:01	0	0.0	0.00	0.0				
03/18/2025	14:01:31	0	0.0	0.00	0.0				
03/18/2025	14:02:01	0	0.0	0.00	0.0				
03/18/2025	14:02:31	0	0.0	0.00	0.0				
03/18/2025	14:03:01	0	0.0	0.00	0.0				
03/18/2025	14:03:31	0	0.0	0.00	0.0				
03/18/2025	14:04:01	0	0.0	0.00	0.0				
03/18/2025	14:04:31	0	0.0	0.00	0.0				
03/18/2025	14:05:01	0	0.0	0.00	0.0				
03/18/2025	14:05:31	0	0.0	0.00	0.0				
03/18/2025	14:06:01	0	0.0	0.00	0.0				
03/18/2025	14:06:31	0	0.0	0.00	0.0				
03/18/2025	14:07:01	0	0.0	0.00	0.0				
03/18/2025	14:07:31	0	0.0	0.00	0.0				
03/18/2025	14:08:01	0	0.0	0.00	0.0				
03/18/2025	14:08:31	0	0.0	0.00	0.0				
03/18/2025	14:09:01	0	0.0	0.00	0.0				
03/18/2025	14:09:31	0	0.0	0.00	0.0				
03/18/2025	14:10:01	0	0.0	0.00	0.0				
03/18/2025	14:10:31	0	0.0	0.00	0.0				
03/18/2025	14:11:01	0	0.0	0.00	0.0				
03/18/2025	14:11:31	0	0.0	0.00	0.0				
03/18/2025	14:12:01	0	0.0	0.00	0.0				
03/18/2025	14:12:31	0	0.0	0.00	0.0				
03/18/2025	14:13:01	0	0.0	0.00	0.0				
03/18/2025	14:13:31	0	0.0	0.00	0.0				
03/18/2025	14:14:01	0	0.0	0.00	0.0				
03/18/2025	14:14:31	0	0.0	0.00	0.0				
03/18/2025	14:15:01	0	0.0	0.00	0.0				
03/18/2025	14:15:31	0	0.0	0.00	0.0				
03/18/2025	14:16:01	0	0.0	0.00	0.0				
03/18/2025	14:16:31	0	0.0	0.00	0.0				
03/18/2025	14:17:01	0	0.0	0.00	0.0				
03/18/2025	14:17:31	0	0.0	0.00	0.0				

03/13/2026

Well		Field	Job Start	Customer	Job Number	
Michael Southworth 206H 206H		Wildcat	Mar/18/2025	Expand Energy	A.1068795.01.26	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
03/18/2025	14:18:31	0	0.0	0.00	0.0	
03/18/2025	14:19:01	0	0.0	0.00	0.0	
03/18/2025	14:19:31	0	0.0	0.00	0.0	
03/18/2025	14:20:01	0	0.0	0.00	0.0	
03/18/2025	14:20:31	0	0.0	0.00	0.0	
03/18/2025	14:21:01	0	0.0	0.00	0.0	
03/18/2025	14:21:31	0	0.0	0.00	0.0	
03/18/2025	14:22:01	0	0.0	0.00	0.0	
03/18/2025	14:22:31	0	0.0	0.00	0.0	
03/18/2025	14:23:01	0	0.0	0.00	0.0	
03/18/2025	14:23:31	0	0.0	0.00	0.0	
03/18/2025	14:24:01	0	0.0	0.00	0.0	
03/18/2025	14:24:31	0	0.0	0.00	0.0	
03/18/2025	14:25:01	0	0.0	0.00	0.0	
03/18/2025	14:25:31	0	0.0	0.00	0.0	
03/18/2025	14:26:01	0	0.0	0.00	0.0	
03/18/2025	14:26:31	0	0.0	0.00	0.0	
03/18/2025	14:27:01	0	0.0	0.00	0.0	
03/18/2025	14:27:31	0	0.0	0.00	0.0	
03/18/2025	14:28:01	0	0.0	0.00	0.0	
03/18/2025	14:28:31	0	0.0	0.00	0.0	
03/18/2025	14:29:01	0	0.0	0.00	0.0	
03/18/2025	14:29:31	0	0.0	0.00	0.0	
03/18/2025	14:30:01	0	0.0	0.00	0.0	
03/18/2025	14:30:31	0	0.0	0.00	0.0	
03/18/2025	14:31:01	0	0.0	0.00	0.0	
03/18/2025	14:31:31	0	0.0	0.00	0.0	
03/18/2025	14:32:01	0	0.0	0.00	0.0	
03/18/2025	14:32:31	0	0.0	0.00	0.0	
03/18/2025	14:33:01	0	0.0	0.00	0.0	
03/18/2025	14:33:31	0	0.0	0.00	0.0	
03/18/2025	14:34:01	0	0.0	0.00	0.0	
03/18/2025	14:34:31	0	0.0	0.00	0.0	
03/18/2025	14:35:01	0	0.0	0.00	0.0	
03/18/2025	14:35:31	0	0.0	0.00	0.0	
03/18/2025	14:36:01	0	0.0	0.00	0.0	
03/18/2025	14:36:31	0	0.0	0.00	0.0	
03/18/2025	14:37:00	0	0.0	0.00	0.0	land plug @ 3200psi
03/18/2025	14:37:01	0	0.0	0.00	0.0	
03/18/2025	14:38:01	0	0.0	0.00	0.0	
03/18/2025	14:38:31	0	0.0	0.00	0.0	
03/18/2025	14:39:01	0	0.0	0.00	0.0	
03/18/2025	14:39:31	0	0.0	0.00	0.0	
03/18/2025	14:40:01	0	0.0	0.00	0.0	
03/18/2025	14:40:31	0	0.0	0.00	0.0	
03/18/2025	14:41:01	0	0.0	0.00	0.0	
03/18/2025	14:41:31	0	0.0	0.00	0.0	
03/18/2025	14:42:01	0	0.0	0.00	0.0	
03/18/2025	14:42:31	0	0.0	0.00	0.0	
03/18/2025	14:43:01	0	0.0	0.00	0.0	
03/18/2025	14:43:31	0	0.0	0.00	0.0	
03/18/2025	14:44:31	0	0.0	0.00	0.0	
03/18/2025	14:45:01	0	0.0	0.00	0.0	
03/18/2025	14:45:31	0	0.0	0.00	0.0	

Well		Field		Job Start		Customer		Job Number	
Michael Southworth 206H 206H		Wildcat		Mar/18/2025		Expand Energy		A.1068795.01.26	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
03/18/2025	14:46:31	0	0.0	0.00	0.0				
03/18/2025	14:47:01	0	0.0	0.00	0.0				
03/18/2025	14:47:31	0	0.0	0.00	0.0				
03/18/2025	14:48:01	0	0.0	0.00	0.0				
03/18/2025	14:48:31	0	0.0	0.00	0.0				
03/18/2025	14:49:01	0	0.0	0.00	0.0				
03/18/2025	14:49:31	0	0.0	0.00	0.0				
03/18/2025	14:50:01	0	0.0	0.00	0.0				
03/18/2025	14:50:31	0	0.0	0.00	0.0				
03/18/2025	14:51:01	0	0.0	0.00	0.0				
03/18/2025	14:51:31	0	0.0	0.00	0.0				
03/18/2025	14:52:01	0	0.0	0.00	0.0				
03/18/2025	14:52:31	0	0.0	0.00	0.0				
03/18/2025	14:53:01	0	0.0	0.00	0.0				
03/18/2025	14:53:31	0	0.0	0.00	0.0				
03/18/2025	14:54:01	0	0.0	0.00	0.0				
03/18/2025	14:54:31	0	0.0	0.00	0.0				
03/18/2025	14:55:01	0	0.0	0.00	0.0				
03/18/2025	14:55:31	0	0.0	0.00	0.0				
03/18/2025	14:56:01	0	0.0	0.00	0.0				
03/18/2025	14:56:31	0	0.0	0.00	0.0				
03/18/2025	14:57:01	0	0.0	0.00	0.0				
03/18/2025	14:57:31	0	0.0	0.00	0.0				
03/18/2025	14:58:01	0	0.0	0.00	0.0				
03/18/2025	14:58:31	0	0.0	0.00	0.0				
03/18/2025	14:59:01	0	0.0	0.00	0.0				
03/18/2025	14:59:31	0	0.0	0.00	0.0				
03/18/2025	15:00:01	0	0.0	0.00	0.0				
03/18/2025	15:00:31	0	0.0	0.00	0.0				
03/18/2025	15:01:01	0	0.0	0.00	0.0				
03/18/2025	15:01:31	0	0.0	0.00	0.0				
03/18/2025	15:02:01	0	0.0	0.00	0.0				
03/18/2025	15:02:31	0	0.0	0.00	0.0				
03/18/2025	15:03:00	0	0.0	0.00	0.0	wash rig lines			
03/18/2025	15:03:01	0	0.0	0.00	0.0				
03/18/2025	15:03:31	0	0.0	0.00	0.0				
03/18/2025	15:04:01	0	0.0	0.00	0.0				
03/18/2025	15:04:31	0	0.0	0.00	0.0				
03/18/2025	15:05:01	0	0.0	0.00	0.0				
03/18/2025	15:05:31	0	0.0	0.00	0.0				
03/18/2025	15:06:01	0	0.0	0.00	0.0				
03/18/2025	15:06:31	0	0.0	0.00	0.0				
03/18/2025	15:07:01	0	0.0	0.00	0.0				
03/18/2025	15:07:31	0	0.0	0.00	0.0				
03/18/2025	15:08:01	0	0.0	0.00	0.0				
03/18/2025	15:08:31	0	0.0	0.00	0.0				
03/18/2025	15:09:01	0	0.0	0.00	0.0				
03/18/2025	15:09:31	0	0.0	0.00	0.0				
03/18/2025	15:10:01	0	0.0	0.00	0.0				
03/18/2025	15:10:31	0	0.0	0.00	0.0				
03/18/2025	15:11:01	0	0.0	0.00	0.0				
03/18/2025	15:11:31	0	0.0	0.00	0.0				
03/18/2025	15:12:01	0	0.0	0.00	0.0				
03/18/2025	15:12:31	0	0.0	0.00	0.0				

03/13/2026

Well		Field	Job Start	Customer	Job Number	
Michael Southworth 206H 206H		Wildcat	Mar/18/2025	Expand Energy	A.1068795.01.26	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
03/18/2025	15:13:31	0	0.0	0.00	0.0	
03/18/2025	15:14:01	0	0.0	0.00	0.0	
03/18/2025	15:14:31	0	0.0	0.00	0.0	
03/18/2025	15:15:01	0	0.0	0.00	0.0	
03/18/2025	15:15:31	0	0.0	0.00	0.0	
03/18/2025	15:16:01	0	0.0	0.00	0.0	
03/18/2025	15:16:31	0	0.0	0.00	0.0	
03/18/2025	15:17:01	0	0.0	0.00	0.0	
03/18/2025	15:17:31	0	0.0	0.00	0.0	
03/18/2025	15:18:01	0	0.0	0.00	0.0	
03/18/2025	15:18:31	0	0.0	0.00	0.0	
03/18/2025	15:19:01	0	0.0	0.00	0.0	
03/18/2025	15:19:31	0	0.0	0.00	0.0	
03/18/2025	15:20:01	0	0.0	0.00	0.0	
03/18/2025	15:20:31	0	0.0	0.00	0.0	
03/18/2025	15:21:01	0	0.0	0.00	0.0	
03/18/2025	15:21:31	0	0.0	0.00	0.0	
03/18/2025	15:22:01	0	0.0	0.00	0.0	
03/18/2025	15:22:31	0	0.0	0.00	0.0	
03/18/2025	15:23:01	0	0.0	0.00	0.0	
03/18/2025	15:23:31	0	0.0	0.00	0.0	
03/18/2025	15:24:01	0	0.0	0.00	0.0	
03/18/2025	15:24:31	0	0.0	0.00	0.0	
03/18/2025	15:25:01	0	0.0	0.00	0.0	
03/18/2025	15:25:31	0	0.0	0.00	0.0	
03/18/2025	15:26:01	0	0.0	0.00	0.0	
03/18/2025	15:26:31	0	0.0	0.00	0.0	
03/18/2025	15:27:01	0	0.0	0.00	0.0	
03/18/2025	15:27:31	0	0.0	0.00	0.0	
03/18/2025	15:28:01	0	0.0	0.00	0.0	
03/18/2025	15:28:31	0	0.0	0.00	0.0	
03/18/2025	15:29:01	0	0.0	0.00	0.0	
03/18/2025	15:29:31	0	0.0	0.00	0.0	
03/18/2025	15:30:01	0	0.0	0.00	0.0	
03/18/2025	15:30:31	0	0.0	0.00	0.0	
03/18/2025	15:31:01	0	0.0	0.00	0.0	
03/18/2025	15:31:31	0	0.0	0.00	0.0	
03/18/2025	15:32:01	0	0.0	0.00	0.0	
03/18/2025	15:32:31	0	0.0	0.00	0.0	
03/18/2025	15:33:01	0	0.0	0.00	0.0	
03/18/2025	15:33:31	0	0.0	0.00	0.0	
03/18/2025	15:34:01	0	0.0	0.00	0.0	
03/18/2025	15:34:31	0	0.0	0.00	0.0	
03/18/2025	15:35:31	0	0.0	0.00	0.0	
03/18/2025	15:36:01	0	0.0	0.00	0.0	
03/18/2025	15:36:31	0	0.0	0.00	0.0	
03/18/2025	15:37:01	0	0.0	0.00	0.0	
03/18/2025	15:37:31	0	0.0	0.00	0.0	
03/18/2025	15:38:01	0	0.0	0.00	0.0	
03/18/2025	15:38:31	0	0.0	0.00	0.0	
03/18/2025	15:39:01	0	0.0	0.00	0.0	
03/18/2025	15:39:31	0	0.0	0.00	0.0	
03/18/2025	15:40:01	0	0.0	0.00	0.0	
03/18/2025	15:40:31	0	0.0	0.00	0.0	

03/13/2026

Well		Field		Job Start		Customer		Job Number	
Michael Southworth 206H 206H		Wildcat		Mar/18/2025		Expand Energy		A.1068795.01.26	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
03/18/2025	15:42:01	0	0.0	0.00	0.0				
03/18/2025	15:42:31	0	0.0	0.00	0.0				
03/18/2025	15:43:01	0	0.0	0.00	0.0				
03/18/2025	15:43:31	0	0.0	0.00	0.0				
03/18/2025	15:44:01	0	0.0	0.00	0.0				
03/18/2025	15:44:31	0	0.0	0.00	0.0				
03/18/2025	15:45:01	0	0.0	0.00	0.0				
03/18/2025	15:45:31	0	0.0	0.00	0.0				
03/18/2025	15:46:01	0	0.0	0.00	0.0				
03/18/2025	15:46:31	0	0.0	0.00	0.0				
03/18/2025	15:47:00	0	0.0	0.00	0.0	end pumping @ 16:10			
03/18/2025	15:47:01	0	0.0	0.00	0.0				
03/18/2025	15:47:15	0	0.0	0.00	0.0	25bbl cement to surface			
03/18/2025	15:47:30	0	0.0	0.00	0.0	end job @ 17:30			
03/18/2025	15:47:31	0	0.0	0.00	0.0				
03/18/2025	15:48:01	0	0.0	0.00	0.0				
03/18/2025	15:48:31	0	0.0	0.00	0.0				
03/18/2025	15:49:01	0	0.0	0.00	0.0				
03/18/2025	15:49:31	0	0.0	0.00	0.0				
03/18/2025	15:50:01	0	0.0	0.00	0.0				
03/18/2025	15:50:31	0	0.0	0.00	0.0				
03/18/2025	15:51:01	0	0.0	0.00	0.0				
03/18/2025	15:51:31	0	0.0	0.00	0.0				
03/18/2025	15:52:01	0	0.0	0.00	0.0				
03/18/2025	15:52:31	0	0.0	0.00	0.0				
03/18/2025	15:53:01	0	0.0	0.00	0.0				
03/18/2025	15:53:31	0	0.0	0.00	0.0				
03/18/2025	15:54:01	0	0.0	0.00	0.0				
03/18/2025	15:54:31	0	0.0	0.00	0.0				
03/18/2025	15:55:01	0	0.0	0.00	0.0				
03/18/2025	15:55:31	0	0.0	0.00	0.0				
03/18/2025	15:56:01	0	0.0	0.00	0.0				
03/18/2025	15:56:31	0	0.0	0.00	0.0				
03/18/2025	15:57:01	0	0.0	0.00	0.0				
03/18/2025	15:57:31	0	0.0	0.00	0.0				

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
			0.0	861.0	0.0	135.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
0	0					bbl	lb/gal
Avg. N2 Percent %	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume	25.0 bbl
	861.0 bbl	460.0 bbl	62 degF	Washed Thru Perfs	<input type="checkbox"/>	To	ft
Customer or Authorized Representative			Schlumberger Supervisor		Circulation Lost	<input type="checkbox"/>	Job Completed
			Danny Cover		-		<input checked="" type="checkbox"/>

Refresh Wellbore Name MICHAEL SOUTHWORTH MSH 206H - Original Hole Operator EXPAND OPERATING LLC Division SOUTHWEST APPALACHIA Pad EXPAND OPERATING LLC AFE Frac Company Latitude 40.012607 Longitude -80.615038 Frac String : S.5in 20# P-110 HP Production Casing Set at 20,812 ft CLAT: 13,833 ft Stages/Day: 2.40 Stage: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 Date: 7/26/2025 7/26/2025 7/27/2025 7/27/2025 7/28/2025 7/28/2025 7/29/2025 7/29/2025 7/30/2025 7/30/2025 7/31/2025 7/31/2025 7/31/2025 8/1/2025 8/2/2025 8/2/2025 8/2/2025 8/3/2025 8/3/2025 Top Perf (ft): 20,636 20,422 20,210 19,999 19,788 19,576 19,365 19,153 18,942 18,731 18,519 18,308 18,096 17,885 17,674 17,462 17,251 17,039 16,828 Btm Perf (ft): 20,725 20,600 20,389 20,177 19,966 19,754 19,543 19,332 19,120 18,909 18,697 18,486 18,275 18,063 17,852 17,640 17,429 17,218 17,006 Number of Perf Holes: 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 TVD (ft): 6,569 6,568 6,567 6,566 6,564 6,561 6,558 6,555 6,553 6,552 6,550 6,548 6,546 6,543 6,541 6,538 6,536 6,533 6,531 Capacity to Top Perf (bbbl): 458 453 449 444 439 435 430 425 420 416 411 406 402 397 392 388 383 378 374 Capacity to Bottom Perf (bbbl): 460 457 453 448 443 438 434 429 424 420 415 410 406 401 396 392 387 382 377 Survey (Inclination): Mid-Perf (MD): 20,681 20,511 20,300 20,088 19,877 19,665 19,454 19,243 19,031 18,820 18,608 18,397 18,186 17,974 17,763 17,551 17,340 17,129 16,917 Pump Down Start Time: 7/24/25 7:01 7/24/25 7:00 7/25/25 8:14 7/25/25 8:58 7/26/25 10:30 7/26/25 21:00 7/29/25 17:18 7/29/25 0:35 7/30/25 8:28 7/30/25 15:56 7/31/25 1:48 7/31/25 14:18 7/31/25 21:58 8/1/25 11:10 8/1/25 9:29 8/1/25 20:30 8/1/25 4:49 Pump Down Stop Time: 7/24/25 7:50 7/24/25 23:33 7/25/25 8:50 7/26/25 0:24 7/26/25 10:54 7/28/25 21:27 7/29/25 17:51 7/30/25 1:01 7/30/25 8:56 7/30/25 16:20 7/31/25 4:17 7/31/25 14:46 8/1/25 0:26 8/1/25 12:36 8/1/25 9:54 8/1/25 17:28 8/1/25 20:44 8/1/25 5:04 Pumpdown Total Time: 0.72 0.55 0.43 0.43 0.43 0.57 0.45 0.58 24.43 0.47 0.40 0.47 0.47 0.47 0.43 0.42 0.47 0.40 0.42 Stage Start Time: 7/24/25 7:52 7/24/25 7:50 7/24/25 23:33 7/25/25 8:50 7/26/25 0:24 7/26/25 10:54 7/28/25 21:27 7/29/25 17:51 7/30/25 1:01 7/30/25 8:56 7/30/25 16:20 7/31/25 4:17 7/31/25 14:46 8/1/25 0:26 8/1/25 12:36 8/1/25 9:54 8/1/25 17:28 8/1/25 20:44 8/1/25 5:04 Stage Stop Time: 7/24/25 6:55 7/24/25 12:52 7/25/25 7:47 7/25/25 23:45 7/26/25 8:41 7/26/25 23:15 7/29/25 10:20 7/29/25 23:01 7/30/25 8:38 7/30/25 15:45 7/31/25 3:42 7/31/25 14:10 7/31/25 23:51 8/1/25 12:02 8/1/25 9:21 8/1/25 16:52 8/1/25 20:13 8/1/25 4:32 8/1/25 17:14 Total Stage Time : (hrs) 3.05 15.03 8.23 14.92 8.32 12.35 12.88 5.13 7.28 6.82 11.37 9.88 9.08 11.60 20.75 6.97 2.75 7.80 12.17 IWHP (psi) 1,580 2,345 2,470 2,928 2,993 2,958 2,406 2,612 2,971 2,566 2,461 2,513 2,551 2,498 2,743 2,936 3,060 2,784 2,435 15 % HCl Acid (bbbl) 45 33 33 33 33 33 33 33 33 33 33 33 33 33 100 33 33 33 33 Number of Perf Clusters 3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 Perf Spacing (ft) 44 35 35 35 35 35 35 35 35 35 35 35 35 35 35 35 35 35 35 Pump down (bbbl) 102 99 96 98 98 94 101 96 102 95 88 91 89 84 224 80 92 82 78 Frac Water (bbbl) 8,981 9,395 10,076 9,490 9,536 9,629 7,428 10,635 9,732 9,788 9,569 11,255 9,188 9,515 17,135 9,218 9,381 9,255 9,379 Load to Recover (Total Vol Pumped) (bbbl) 8,981 9,497 10,175 9,586 9,634 9,723 7,529 10,731 9,834 9,883 9,657 11,346 9,277 9,599 17,359 9,298 9,473 9,337 9,457 Slurry Volume (bbbl) 9,177 10,070 10,791 10,164 10,227 10,300 7,937 11,302 10,438 10,493 10,252 11,927 9,835 10,193 17,942 9,841 10,047 9,908 10,043 100 Mesh (lbs) 89,360 221,360 223,380 217,130 214,110 233,520 152,710 217,730 221,030 224,010 223,820 221,400 220,960 218,560 218,850 220,000 219,710 216,100 221,710 20/40, 30/50, 30/70, & 40/70 (lbs) 90,740 304,200 307,360 20,821 306,120 309,500 219,700 263,820 310,480 311,660 311,100 309,310 282,020 308,040 305,940 287,010 306,470 308,130 305,640 Total Prop from Stim Int Prop Table (lbs) 180,100 525,560 530,740 237,951 520,230 543,020 372,410 481,550 531,510 535,670 534,920 530,710 502,980 526,600 524,790 507,010 526,180 524,230 527,350 Total Prop from Stim Stage Table (lbs) 180,100 525,560 530,740 237,951 520,230 543,020 372,410 481,550 531,510 535,670 534,920 530,710 502,980 526,600 524,790 507,010 526,180 524,230 527,350 Avg Rate (bbbl/min) 80 86 94 98 95 99 91 90 98 98 99 91 98 93 95 98 99 98 98 Avg Pressure (psi) 9,880 9,975 9,577 9,529 9,383 9,594 9,210 8,721 8,747 9,283 9,253 9,039 9,223 8,948 9,031 9,428 8,604 8,530 8,701 Max Rate (bpm) 92 100 100 100 100 100 100 100 100 100 100 100 99 95 100 100 100 100 100 Max Pressure (psi) 10,371 10,233 9,899 10,024 9,968 10,180 9,738 9,968 9,178 9,662 9,736 9,772 9,612 9,424 11,238 9,686 9,081 8,967 9,098 Break Pressure (psi) 8,089 6,424 6,486 6,587 6,698 6,704 6,201 6,610 5,881 6,486 6,734 5,083 6,517 5,608 6,639 6,711 5,836 6,138 6,464 ISIP (psi) 3,898 3,014 3,898 4,416 4,566 4,000 4,056 5,939 4,550 4,733 4,689 4,912 5,021 4,817 4,957 4,640 4,782 4,879 4,770 FG (psi/ft) 1.03 0.90 1.03 1.11 1.14 1.05 1.06 1.35 1.13 1.16 1.16 1.19 1.21 1.18 1.20 1.15 1.17 1.18 1.17 Biocide (gal) 34 36 58 37 54 55 43 62 37 56 55 16 53 55 70 54 54 53 54 Corrosion Inhibitor (lbs) 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 Friction Reducer (gal) 9,389 8,587 10,122 8,581 8,441 7,946 7,861 8,076 8,976 9,573 9,252 8,443 6,769 8,308 11,956 8,674 7,798 9,138 8,752 HCL 15% (gal) 1,900 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) 51 54 39 55 36 37 28 41 56 38 36 43 35 37 47 36 35 36 36 Breaker 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

Refresh	Wellbore Name	Operator	Division	Pad							
Frac String :											
Stage :	60	61	62	63	64	65	66	Total/Avg			
Date :	8/20/2025	8/21/2025	8/21/2025	8/21/2025	8/22/2025	8/22/2025	8/22/2025	8/22/2025			
Top Perf (ft) :	8,161	7,949	7,738	7,526	7,315	7,104	6,892	6,892			
Btm Perf (ft) :	8,339	8,127	7,916	7,705	7,493	7,282	7,070	20,725			
Number of Perf Holes :	36	36	36	36	36	36	36	2376			
Perf Hole ID (in) :	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41			
TVD (ft) :	6,417	6,415	6,412	6,408	6,404	6,400	6,388	6,491			
Capacity to Top Perf (bbls) :	181	176	172	167	162	158	153	153			
Capacity to Bottom Perf (bbls) :	185	180	176	171	166	162	157	157			
Survey (Inclination) :											
Mid-Perf (MD) :	8,250	8,038	7,827	7,616	7,404	7,193	6,981	6,981			
Pump Down Start Time :	8/20/25 18:21	8/21/25 1:01	8/21/25 6:38	8/21/25 12:38	8/21/25 20:08	8/22/25 1:31	8/22/25 11:30	7/26/25 7:07			
Pump Down Stop Time :	8/20/25 18:40	8/21/25 1:21	8/21/25 6:29	8/21/25 12:49	8/21/25 20:17	8/22/25 2:39	8/22/25 11:39	8/22/25 11:39			
Pumpdown Total Time :	0.32	0.33	0.18	0.18	0.15	0.13	0.15	0.70			
Stage Start Time :	8/20/25 18:40	8/21/25 1:21	8/21/25 6:29	8/21/25 12:49	8/21/25 20:17	8/22/25 2:39	8/22/25 11:39	7/26/25 3:32			
Stage Stop Time :	8/21/25 0:57	8/21/25 6:11	8/21/25 12:30	8/21/25 19:58	8/21/25 2:31	8/22/25 10:54	8/22/25 16:05	8/22/25 16:05			
Total Stage time : (hrs) :	6.28	4.83	6.02	7.15	6.07	8.25	4.43	9.48			
IWHP (psil) :	2,629	2,870	2,701	2,578	2,301	2,424	2,371	2,589			
15 % HCl Acid (bbls) :	12	12	12	12	12	12	12	2,038			
Number of Perf Clusters :	6	6	6	6	6	6	6	393			
Perf Spacing (ft) :	35	35	35	35	35	35	35	35			
Pump down (bbls) :	35	35	32	33	30	31	29	4,270			
Frac Water (bbls) :	7,715	8,881	8,675	8,777	8,863	8,691	8,900	612,274			
Load to Recover (Total Vol Pumped) (bbls) :	7,750	8,916	8,707	8,810	8,893	8,722	8,929	616,544			
Slurry Volume (bbls) :	8,225	9,509	9,126	9,394	9,487	9,297	9,527	654,137			
100 Mesh (lbs) :	217,520	222,780	220,320	219,130	221,310	220,440	222,060	14,386,730			
20/40, 30/50, 30/70, & 40/70 (lbs) :	221,640	315,310	162,820	311,340	315,040	290,530	310,720	19,321,641			
Total Prop from Stim Int Prop Table (lbs) :	439,160	538,090	383,140	530,470	536,350	510,970	532,780	33,708,371			
Total Prop from StimStageTable (lbs) :	439,160	538,090	383,140	530,470	536,350	510,970	532,780	33,708,371			
Avg Rate (bbls/min) :	95	97	96	96	95	95	95	96			
Avg Pressure (psil) :	7,598	7,587	7,245	6,704	7,094	7,198	6,972	8,313			
Max Rate (bpm) :	100	100	100	100	100	100	100	100			
Max Pressure (psil) :	8,076	8,421	7,932	7,041	8,560	7,803	8,080	11,238			
Break Pressure (psil) :	6,659	6,682	6,489	6,074	7,169	6,656	6,394	6,334			
ISIP (psil) :	4,152	4,344	4,325	4,422	4,804	4,355	4,321	4,642			
FG (psi/ft) :	1.07	1.10	1.10	1.11	1.17	1.10	1.10	1.15			
Biocide (gal) :	46	36	35	35	53	35	36	3,059			
Corrosion Inhibitor (lbs) :	1	1	1	1	1	1	1	171			
Friction Reducer (gal) :	5,776	8,270	6,839	7,440	7,185	8,056	8,947	527,785			
HCl 15% (gal) :	500	500	500	500	500	500	500	85,600			
Scale Inhibitor (gal) :	31	53	53	53	35	53	54	2,702			
Breaker											
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											



Well Name: Michael Southworth MSH 206H 47051025210000

LITHOLOGY/FORMATION	TOP DEPTH, MD (FT)	TOP DEPTH, TVD (FT)	BOTTOM DEPTH, MD (FT)	BOTTOM DEPTH, TVD (FT)
Base of Fresh Water	0	0	632	632
Top of Salt Water	1403	1403	NA	NA
Pittsburgh Coal	734	734	740	740
Pottsville (ss)	840	840	869	869
Raven Cliff (ss)	1199	1199	1378	1377
Maxton (ss)	1464	1463	1777	1773
Big Injun (ss)	1875	1869	1991	1982
Berea (siltstone)	2284	2262	2315	2291
Rhinestreet (shale)	5950	5696	6333	6053
Cashaqua (shale)	6333	6053	6420	6126
Middlesex (shale)	6420	6126	6527	6206
Burket (shale)	6527	6206	6558	6227
Tully (ls)	6558	6227	6609	6259
Mahantango (shale)	6609	6259	6860	6370
Marcellus (shale)	6860	6370	NA	NA