

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

API 47 - 017 - 06886 County Doddridge District Southwest/Cove
Quad Oxford Pad Name OXF43 Field/Pool Name N/A
Farm name Cathy Jean Wetzel, et. la. Well Number OXF43 35H (516244)
Operator (as registered with the OOG) EQT Production Company
Address 2400 Ansys Drive, Suite 200 City Canonsburg State PA Zip 15317

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,334,235.6 Easting 517,899.6
Landing Point of Curve Northing 4,334,227.7 Easting 518,772.4
Bottom Hole Northing 4,330,914.7 Easting 520,453.5

Elevation (ft) 1229' 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)

Synthetic Oil Based Mud 12.5 ppg barium sulfate, sodium chloride, xanthan gum, polyanionic cellulose, modified starch, sodium hydroxide, phosphonates and alkyl phosphates, glutaraldehyde solution, calcium hydroxide, partially hydrolyzed polyacrylamide/polyacrylate, potassium chloride, sodium carbonate, ground walnut shells, alcohol and modified fatty acid, ferrochrome lignosulfonate, calcium carbonate, fibrous cellulose

Date permit issued 06/15/2020 Date drilling commenced 06/18/2020 Date drilling ceased 09/29/2020
Date completion activities began 2/9/21 Date completion activities ceased 3/29/21
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

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

Freshwater depth(s) ft 85,236,322,397,454 Open mine(s) (Y/N) depths N
Salt water depth(s) ft N/A Void(s) encountered (Y/N) depths N
Coal depth(s) ft 336 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed

Reviewed by:
Saw

12/24/2021

API 47-017 - 06886 Farm name Cathy Jean Wetzel, et. la. Well number OXF43 35H (516244)

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	30"	26"	40'	NEW	A-500 85.6#	N/A	Y
Surface	17-1/2"	13-3/8"	550'	NEW	J-55 54.5#	269'	Y
Coal							
Intermediate 1	12-3/8"	9-5/8"	5784'	NEW	HC P-110 40#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-1/2"	5 1/2"	20,373'	NEW	P-110 HPP 20#	N/A	N
Tubing							
Packer type and depth set		Open Hole Packer set at 3123'					

Comment Details Production Cement job has a calculated TOC of 3459' MD, which is greater than 500' TVD above the producing formation. No issues during cement job.

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	83	15.6	1.18	98	0	8+
Surface	HALCEM	636	15.6	1.21	769	0	8
Coal							
Intermediate 1	HALCEM	880 / 1160	15.6	1.24	2529	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	3780	15.2	1.04	3931	3459	8+
Tubing							

Drillers TD (ft) 20,394' MD Loggers TD (ft) N/A
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 534' MD

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 _____
 CONDUCTOR- NONE _____
 SURFACE- ON SHOE TRACK AND EVERY 500' TO SURFACE _____
 INTERMEDIATE: ON SHOE TRACK AND EVERY 500' FEET TO SURFACE _____
 PRODUCTION: ON SHOE TRACK AND EVERY JOINT TO 3010' _____

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 _____

API 47- 017 - 06886

Farm name Cathy Jean Wetzel, et. la.

Well number OXF43 35H (516244)

PERFORATION RECORD

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

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 Attached					

Please insert additional pages as applicable.

API 47- 017 - 06886 Farm name Cathy Jean Wetzel, et. la. Well number OXF43 35H (516244)

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
	TVD	MD
_____	_____	_____
_____	_____	_____
_____	_____	_____

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface NA psi Bottom Hole NA psi DURATION OF TEST NA hrs

OPEN FLOW Gas 13044 mcfpd Oil 0 bpd NGL 216 bpd Water 816 bpd GAS MEASURED BY Estimated Orifice Pilot

<u>LITHOLOGY/ FORMATION</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H₂S, ETC)</u>
	<u>DEPTH IN FT NAME TVD</u>	<u>DEPTH IN FT TVD</u>	<u>DEPTH IN FT MD</u>	<u>DEPTH IN FT MD</u>	
	<u>0</u>		<u>0</u>		

Please insert additional pages as applicable.

Drilling Contractor Patterson UTI (Rig 277)
Address 207 Carlton Dr City Eighty Four State PA Zip 15330

Logging Company Baker Hughes
Address 400 Technology Dr Suite 100 City Canonsburg State PA Zip 15317

Cementing Company Halliburton
Address 121 Champion Way Suite 110 City Canonsburg State PA Zip 15317

Stimulating Company U.S. Well Services
Address 770 S. Post Oak Lane, Suite 405 City Houston State PA Zip 77056

Please insert additional pages as applicable.

Completed by Adam Hughey Telephone 724-575-5475
Signature [Signature] Title Director of Completions Date 9/3/21

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

API 47- 017 - 06886 Farm name Cathy Jean Wetzel, et. la. Well number OXF43 35H (516244)

Drilling Contractor _____
Address _____ City _____ State _____ Zip _____

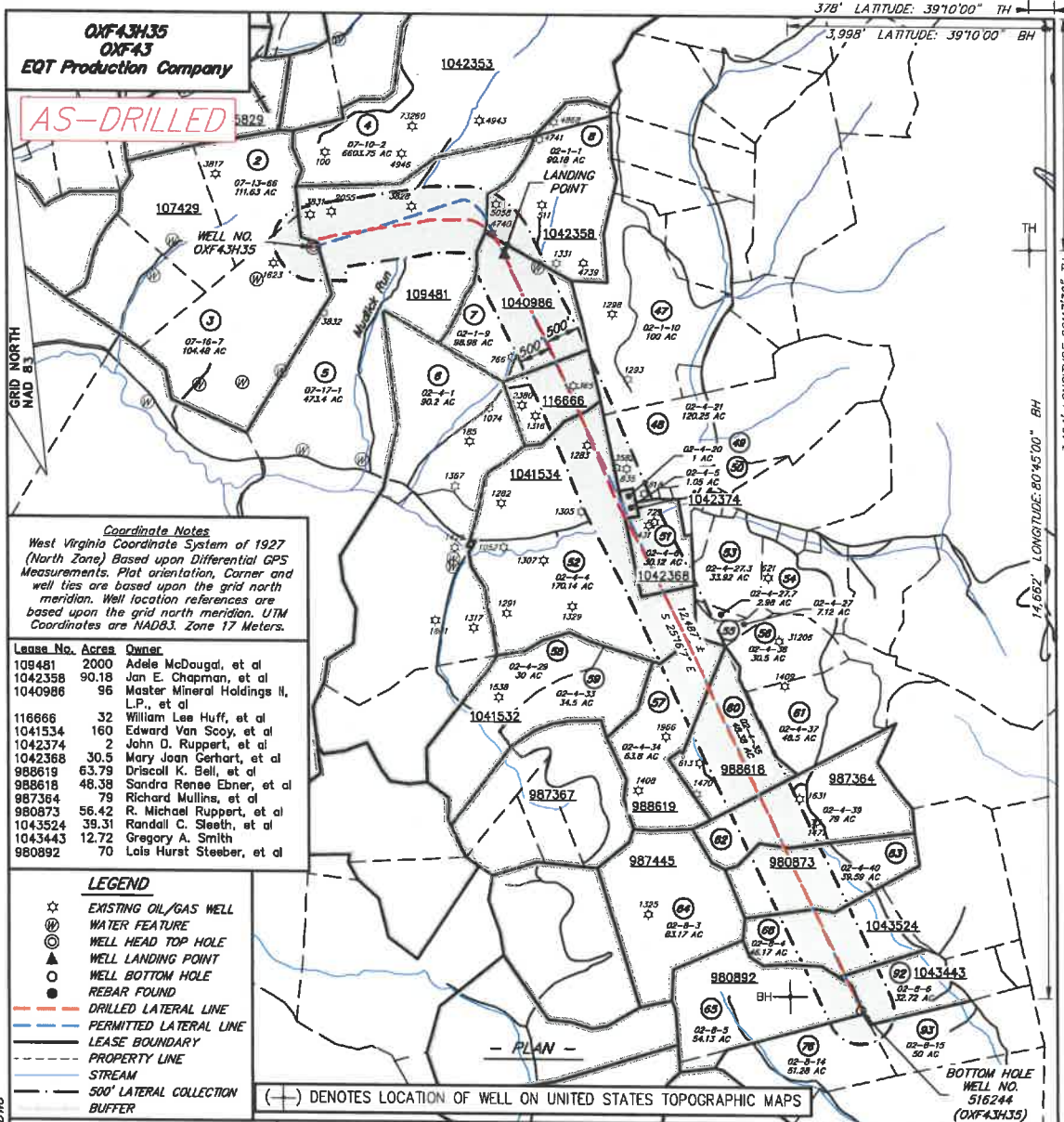
Logging Company Scientific Drilling International
Address 124 Vista Drive City Charleroi State PA Zip 15022

Logging Company Gyrodata
Address 73 Noblestown Rd City Carnegie State PA Zip 15106

Drilling Contractor _____
Address _____ City _____ State _____ Zip _____

Well# OXF43 35H 516244 Final Formations API# 47-017-06886				
Formation Name	Drill Top MD (ftKB)	Drill Top (TVD) (ftKB)	Drill Btm MD (ftKB)	Drill Btm (TVD) (ftKB)
Sand/Shale	1	1	336	336
Waynesburg A	336	336	337	337
Sand/Shale	337	337	1,099	1,098
Maxton	1,099	1,098	1,139	1,138
Sand/Shale	1,139	1,138	1,975	1,969
Big Lime	1,975	1,969	2,043	2,035
Sand/Shale	2,043	2,035	2,087	2,078
Big Injun	2,087	2,078	2,119	2,110
Sand/Shale	2,119	2,110	2,261	2,249
Weir	2,261	2,249	2,387	2,373
Sand/Shale	2,387	2,373	2,461	2,445
Gantz	2,461	2,445	2,543	2,524
Fifty foot	2,543	2,524	2,600	2,579
Sand/Shale	2,600	2,579	2,641	2,618
Thirty foot	2,641	2,618	2,677	2,653
Sand/Shale	2,677	2,653	2,683	2,658
Gordon	2,683	2,658	2,732	2,705
Sand/Shale	2,732	2,705	2,783	2,754
Forth Sand	2,783	2,754	2,850	2,818
Sand/Shale	2,850	2,818	2,963	2,927
Bayard	2,963	2,927	3,034	2,995
Sand/Shale	3,034	2,995	3,297	3,247
Warren	3,297	3,247	3,363	3,310
Speechley	3,363	3,310	3,868	3,766
Balltown A	3,868	3,766	4,226	4,070
Sand/Shale	4,226	4,070	4,466	4,265
Riley	4,466	4,265	4,842	4,569
Benson	4,842	4,569	4,936	4,644
Sand/Shale	4,936	4,644	5,144	4,808
Alexander	5,144	4,808	5,237	4,884
Elks	5,237	4,884	6,951	6,267
Sonyea	6,951	6,267	7,128	6,404
Middlesex	7,128	6,404	7,215	6,466
Genesee	7,215	6,466	7,447	6,601
Geneseo	7,447	6,601	7,563	6,650
Tully	7,563	6,650	7,629	6,671
Hamilton	7,629	6,671	7,715	6,693
Marcellus	7,715	6,693	20,394	6,965

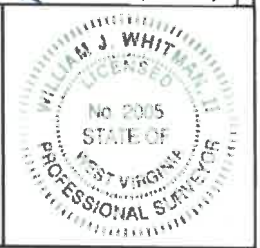
12/24/2021



encompass

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.

[Signature]



FILE NO.: EES-60635
 DRAWING NO.: OXF43 Well Plat
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: ±3'
 PROVEN SOURCE OF ELEVATION: GPS

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

DATE SEPTEMBER 29, 20 20
 OPERATORS
 WELL NO. 516244 (OXF43H35)
 API WELL NO.
47 017 06886
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION, ELEVATION: 1229' (As-Built Pad) WATERSHED: Middle Fork Hughes River QUADRANGLE: OXFORD
 DISTRICT: SOUTH WEST / COVE COUNTY: DODDRIDGE
 SURFACE OWNER: Cathy Jean Wetzel, ET AL ACREAGE: 104.48± AC
 ROYALTY OWNER: Franklin Maxwell Heirs L.P. LEASE NO.: 107429 ACREAGE: 255± AC
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,965'

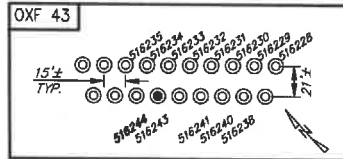
WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C. Mallow
 ADDRESS: 400 Woodcliff Drive ADDRESS: 115 Professional Pl., P.O. Box 280
Canonsburg, PA 15317 Bridgeport, WV 26330

WWW.ENCOMPASSSERVICES.COM PLOT DATE: 10/12/2020 CAD FILE: OXF_43_WELL_PLAT--10--OR.DWG

12/24/2021

516244 (OXF43H35)
OXF43
EQT Production Company

AS-DRILLED



516244 (OXF43H35) Well Point Coordinates

Top Hole Coordinates

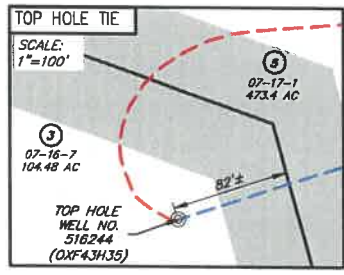
NAD 27 S.P.C. (Ft.)	N: 241,952.510	E: 1,633,346.350
NAD 27 GEO	LAT: 39.157057	LONG: 80.730003
NAD 83 UTM 17N (M)	N: 4,334,235.6	E: 517,899.6
NAD 83 S.P.C. (Ft.)	N: 241,987.8	E: 1,601,905.5

Landing Point Coordinates

NAD 27 S.P.C. (Ft.)	N: 241,878.570	E: 1,636,210.240
NAD 27 GEO	LAT: 39.156967	LONG: 80.729501
NAD 83 UTM 17N (M)	N: 4,334,227.7	E: 518,772.4
NAD 83 S.P.C. (Ft.)	N: 241,914.0	E: 1,604,769.4

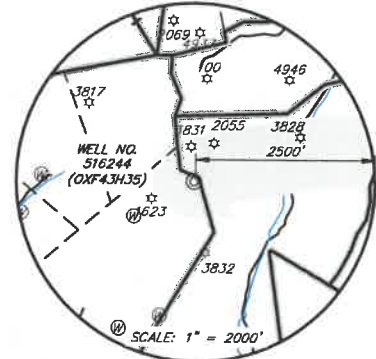
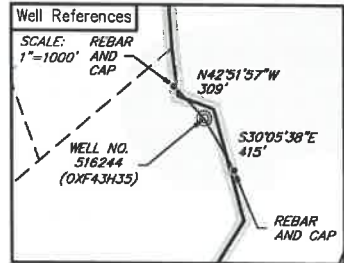
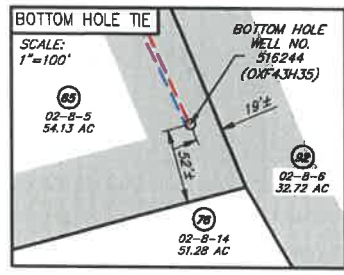
Bottom Hole Coordinates

NAD 27 S.P.C. (Ft.)	N: 230,586.480	E: 1,641,540.160
NAD 27 GEO	LAT: 39.126374	LONG: 80.783548
NAD 83 UTM 17N (M)	N: 4,330,814.7	E: 520,453.5
NAD 83 S.P.C. (Ft.)	N: 230,622.1	E: 1,610,098.5



NO.	SURFACE OWNER
3	CATHY JEAN WETZEL, ET AL
5	RANDY E. & WILLIAM LEE HUFF
7	WM & RANDY HUFF DECEDEENTS
8	ARNOLD DALE ALAN & BRYAN ALAN & DAVID LYNNGEE
50	JENNINGS T. STARCHER
51	JOHN E. & DEBRA L. RUPPERT
52	JAMES H. & JENNIE FOSTER
57	JANNETTE CONLEY
60	JANNETTE CONLEY
62	WILLIAM A. & SANDRA (MATHENY) ARMENTROUT
63	ROSS LEVINE
65	DAVID E. BOWYER
66	RONALD G. & VERONICA N. CLAYPOOL
92	JOSEPH J. LANDICINI, III AND LORRAINE L. LANDICINI

NO.	ADJACENT OWNER
47	LUCIUS M. TALLMAN, ET UX
48	MICHAEL & MARY ANN RUPPERT
49	JENNINGS T. STARCHER
53	JOHN E. & DEBRA L. RUPPERT
54	JOHN E. & DEBRA L. RUPPERT
55	MICHAEL R. RUPPERT JR. TRUST & VANESSA GAE MORGAN
56	MICHAEL & MARY ANN RUPPERT
61	MICHAEL & MARY ANN RUPPERT
76	DAVID E. BOWYER
93	DAVID E. BOWYER



- LEGEND**
- ☆ EXISTING OIL/GAS WELL
 - ⊙ WATER FEATURE
 - ⊙ WELL HEAD TOP HOLE
 - ▲ WELL LANDING POINT
 - WELL BOTTOM HOLE
 - REBAR FOUND
 - DRILLED LATERAL LINE
 - PERMITTED LATERAL LINE
 - LEASE BOUNDARY
 - PROPERTY LINE
 - STREAM
 - 500' LATERAL COLLECTION BUFFER



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.

[Signature]



FILE NO.: EES-60635
DRAWING NO.: OXF43_Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: ±3'
PROVEN SOURCE OF ELEVATION: GPS

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

DATE: SEPTEMBER 29, 20 20
OPERATORS
WELL NO.: 516244 (OXF43H35)
API WELL NO.: 47 017 06886
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION, ELEVATION: 1229' (As-Built Pad) WATERSHED: Middle Fork Hughes River QUADRANGLE: OXFORD
DISTRICT: SOUTH WEST / COVE COUNTY: DODDRIDGE
SURFACE OWNER: Cathy Jean Wetzel, ET AL ACREAGE: 104.48± AC
ROYALTY OWNER: Franklin Maxwell Heirs L.P. LEASE NO.: 107429 ACREAGE: 255± AC
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,965'
WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C. Mallow
ADDRESS: 400 Woodcliff Drive ADDRESS: 115 Professional Pl., P.O. Box 280
Canonsburg, PA 15317 Bridgeport, WV 26330

WWW.ENCOMPASSSERVICES.COM PLOT DATE: 10/12/2020 CAD FILE: OXF_43_WELL_PLAT-2020-10-08.DWG

12/24/2021

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	2/3/2021
Job End Date:	5/30/2021
State:	West Virginia
County:	Doddridge
API Number:	47-017-06886-00-00
Operator Name:	EQT Production
Well Name and Number:	OXF43 35H
Latitude:	39.15714340
Longitude:	-80.79282900
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,961
Total Base Water Volume (gal):	26,287,758
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	EQT	Carrier/Base Fluid	Water	7732-18-5	100.00000	88.53900	None
Sand (Proppant)	EQT	Proppant	Silica Substrate	14808-60-7	100.00000	11.29000	None
Clearal 268	ChemStream	Biocide	Non-hazardous substances	Proprietary	90.00000	0.01200	None
StimSTREAM SC-398	ChemStream	Scale Inhibitor	Non-hazardous substances	Proprietary	90.00000	0.00800	None
FR-9800	ChemStream	Friction Reducer	Copolymer of 2-propenamide	Proprietary	30.00000	0.00700	None
FR-9800	ChemStream	Friction Reducer	Petroleum Distillate	64742-47-8	20.00000	0.00300	None
HCl	US Well Services LLC	Acid	Hydrogen Chloride	7647-01-0	15.00000	0.00100	None
Clearal 268	ChemStream	Biocide	Glutaraldehyde	111-30-8	20.00000	0.00100	None
FR-9800	ChemStream	Friction Reducer	Alcohols, C12-16, ethoxylated	68551-12-2	2.00000		None

PERFORATION RECORD					
Stage No.	Perforation Date	Stage Perforated From TMD Ft.	Stage Perforated To TMD Ft.	# of Perforations/Stage	Formation(s)
2	02/10/2021	20,256	20,079		40 Marcellus
3	02/11/2021	20,061	19,880		40 Marcellus
4	02/11/2021	19,862	19,681		40 Marcellus
5	02/13/2021	19,663	19,482		40 Marcellus
6	02/14/2021	19,464	19,283		40 Marcellus
7	02/15/2021	19,265	19,084		40 Marcellus
8	02/16/2021	19,066	18,885		40 Marcellus
9	02/18/2021	18,867	18,686		40 Marcellus
10	02/18/2021	18,668	18,487		40 Marcellus
11	02/19/2021	18,469	18,288		40 Marcellus
12	02/19/2021	18,270	18,089		40 Marcellus
13	02/20/2021	18,071	17,890		40 Marcellus
14	02/21/2021	17,872	17,691		40 Marcellus
15	02/21/2021	17,673	17,492		40 Marcellus
16	02/22/2021	17,474	17,293		40 Marcellus
17	02/22/2021	17,275	17,094		40 Marcellus
18	02/22/2021	17,076	16,895		40 Marcellus
19	02/23/2021	16,877	16,696		40 Marcellus
20	02/23/2021	16,678	16,497		40 Marcellus
21	02/25/2021	16,479	16,298		40 Marcellus
22	02/25/2021	16,280	16,099		40 Marcellus
23	02/25/2021	16,081	15,900		40 Marcellus
24	02/27/2021	15,882	15,701		40 Marcellus
25	03/01/2021	15,683	15,502		40 Marcellus
26	03/02/2021	15,484	15,303		40 Marcellus
27	03/03/2021	15,285	15,104		40 Marcellus
28	03/03/2021	15,084	14,905		40 Marcellus
29	03/03/2021	14,887	14,706		40 Marcellus
30	03/04/2021	14,686	14,507		40 Marcellus
31	03/04/2021	14,489	14,308		40 Marcellus
32	03/05/2021	14,289	14,109		40 Marcellus
33	03/05/2021	14,083	13,910		40 Marcellus
34	03/06/2021	13,891	13,711		40 Marcellus
35	03/06/2021	13,689	13,512		40 Marcellus
36	03/07/2021	13,493	13,313		40 Marcellus
37	03/07/2021	13,290	13,114		40 Marcellus
38	03/08/2021	13,090	12,915		40 Marcellus
39	03/08/2021	12,897	12,716		40 Marcellus
40	03/14/2021	12,698	12,517		40 Marcellus
41	03/15/2021	12,499	12,318		40 Marcellus
42	03/15/2021	12,300	12,119		40 Marcellus
43	03/24/2021	12,101	11,920		40 Marcellus
44	03/24/2021	11,899	11,721		40 Marcellus
45	03/24/2021	11,703	11,522		40 Marcellus
46	03/25/2021	11,504	11,323		40 Marcellus
47	03/25/2021	11,301	11,124		40 Marcellus
48	03/26/2021	11,106	10,925		40 Marcellus
49	03/26/2021	10,907	10,726		40 Marcellus
50	03/26/2021	10,708	10,527		40 Marcellus
51	03/26/2021	10,504	10,328		40 Marcellus
52	03/26/2021	10,304	10,129		40 Marcellus
53	03/26/2021	10,105	9,930		40 Marcellus
54	03/27/2021	9,911	9,730		40 Marcellus
55	03/27/2021	9,711	9,530		40 Marcellus
56	03/27/2021	9,511	9,330		40 Marcellus
57	03/27/2021	9,304	9,130		40 Marcellus
58	03/27/2021	9,104	8,930		40 Marcellus
59	03/28/2021	8,911	8,730		40 Marcellus
60	03/28/2021	8,711	8,530		40 Marcellus
61	03/28/2021	8,511	8,330		40 Marcellus
62	03/28/2021	8,307	8,130		40 Marcellus
63	03/28/2021	8,105	7,931		40 Marcellus
64	03/28/2021	7,906	7,732		40 Marcellus

Please insert additional copies of this page if additional rows/stages are needed.

STIMULATION INFORMATION / STAGE								
Complete a separate record for each stimulation stage. (Please insert additional lines for additional stages or additional pages as applicable).								
Stage #	Stimulation Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbbls)	Amount of Nitrogen/other (units)
1	02/09/2021	88	8,775	5,644	3,707	229,050	6410	
2	02/10/2021	98	9,276	5,608	4,186	440,800	10457	
3	02/11/2021	99	9,080	5,420	4,300	439,800	10184	
4	02/12/2021	100	9,237	5,565	4,411	440,350	10690	
5	02/14/2021	100	9,185	5,169	4,503	440,350	10122	
6	02/15/2021	96	9,326	5,673	4,328	440,350	10113	
7	02/16/2021	96	9,311	5,586	4,318	439,850	10064	
8	02/17/2021	99	9,348	5,573	4,380	439,800	10103	
9	02/18/2021	100	9,087	5,074	5,136	439,600	10013	
10	02/19/2021	100	9,322	5,523	4,717	440,850	10027	
11	02/19/2021	97	9,284	5,433	4,738	440,700	9988	
12	02/20/2021	96	9,306	5,585	4,370	441,000	9987	
13	02/21/2021	96	9,187	5,675	4,755	440,860	9956	
14	02/21/2021	99	9,348	5,717	4,606	440,350	9977	
15	02/22/2021	95	9,083	5,893	4,545	440,860	9952	
16	02/22/2021	100	9,151	5,350	4,721	440,620	9941	
17	02/22/2021	100	9,177	5,391	4,493	440,650	9928	
18	02/23/2021	100	9,281	5,620	4,802	440,590	9916	
19	02/23/2021	95	9,260	5,483	5,601	440,350	10909	
20	02/25/2021	99	9,221	5,455	5,345	439,350	11812	
21	02/25/2021	99	9,174	5,520	5,181	440,700	9886	
22	02/25/2021	98	9,282	5,521	4,902	440,175	9878	
23	02/27/2021	100	9,241	5,692	4,936	440,175	9826	
24	03/01/2021	100	9,200	5,806	4,625	440,100	10208	
25	03/02/2021	99	9,191	5,745	4,739	440,960	9847	
26	03/03/2021	99	9,226	5,445	4,839	440,350	9896	
27	03/03/2021	100	9,234	5,316	4,792	440,660	9807	
28	03/03/2021	100	9,200	5,509	4,891	440,100	9795	
29	03/04/2021	100	9,248	5,895	4,738	440,650	9804	
30	03/04/2021	100	9,110	5,212	4,697	440,750	9786	
31	03/05/2021	100	9,222	5,495	4,631	440,850	9783	
32	03/05/2021	100	9,222	5,749	4,582	440,650	9756	
33	03/06/2021	100	9,259	5,827	4,712	440,650	9765	
34	03/06/2021	100	9,209	5,692	4,875	440,600	9735	
35	03/07/2021	100	9,279	5,498	5,109	440,500	9745	
36	03/07/2021	100	9,240	6,084	4,831	440,820	9708	
37	03/07/2021	100	9,206	5,584	5,100	440,500	9714	
38	03/08/2021	100	9,239	5,975	4,817	440,500	9693	
39	03/14/2021	100	9,244	5,758	4,418	440,680	9678	
40	03/14/2021	100	9,229	5,695	4,597	440,020	9665	
41	03/15/2021	100	9,243	5,930	4,448	440,100	9652	
42	03/24/2021	99	9,209	5,712	4,484	440,880	9606	
43	03/24/2021	98	9,138	6,068	4,372	440,250	9637	
44	03/24/2021	100	9,258	6,063	4,453	440,940	9632	
45	03/25/2021	100	9,292	6,195	4,458	440,840	9622	
46	03/25/2021	99	9,038	5,989	4,472	440,250	9646	
47	03/26/2021	99	9,197	6,183	5,236	439,500	10105	
48	03/26/2021	99	9,084	5,939	4,812	440,200	9591	
49	03/26/2021	100	8,931	5,804	4,850	440,300	9562	
50	03/26/2021	100	8,854	5,895	4,552	440,450	9550	
51	03/26/2021	100	9,225	6,477	4,456	440,300	9550	
52	03/26/2021	100	9,161	6,011	4,735	440,200	9536	
53	03/27/2021	82	8,866	6,474	4,106	439,900	9704	
54	03/27/2021	99	9,077	6,244	4,176	440,300	9459	
55	03/27/2021	100	8,985	6,071	4,440	440,500	9527	
56	03/27/2021	101	9,270	5,804	4,413	440,100	9527	
57	03/27/2021	103	9,263	6,058	4,553	440,300	9493	
58	03/28/2021	103	9,257	5,795	4,558	440,200	9469	
59	03/28/2021	102	9,240	5,777	4,408	440,100	9338	
60	03/28/2021	102	8,885	5,924	4,583	440,200	9471	
61	03/28/2021	102	8,840	5,742	4,428	440,150	9441	
62	03/28/2021	106	9,036	5,840	4,552	440,200	9435	
63	03/28/2021	107	9,250	6,243	4,239	440,300	9416	
64	03/29/2021	113	9,150	5,990	3,885	440,200	9406	

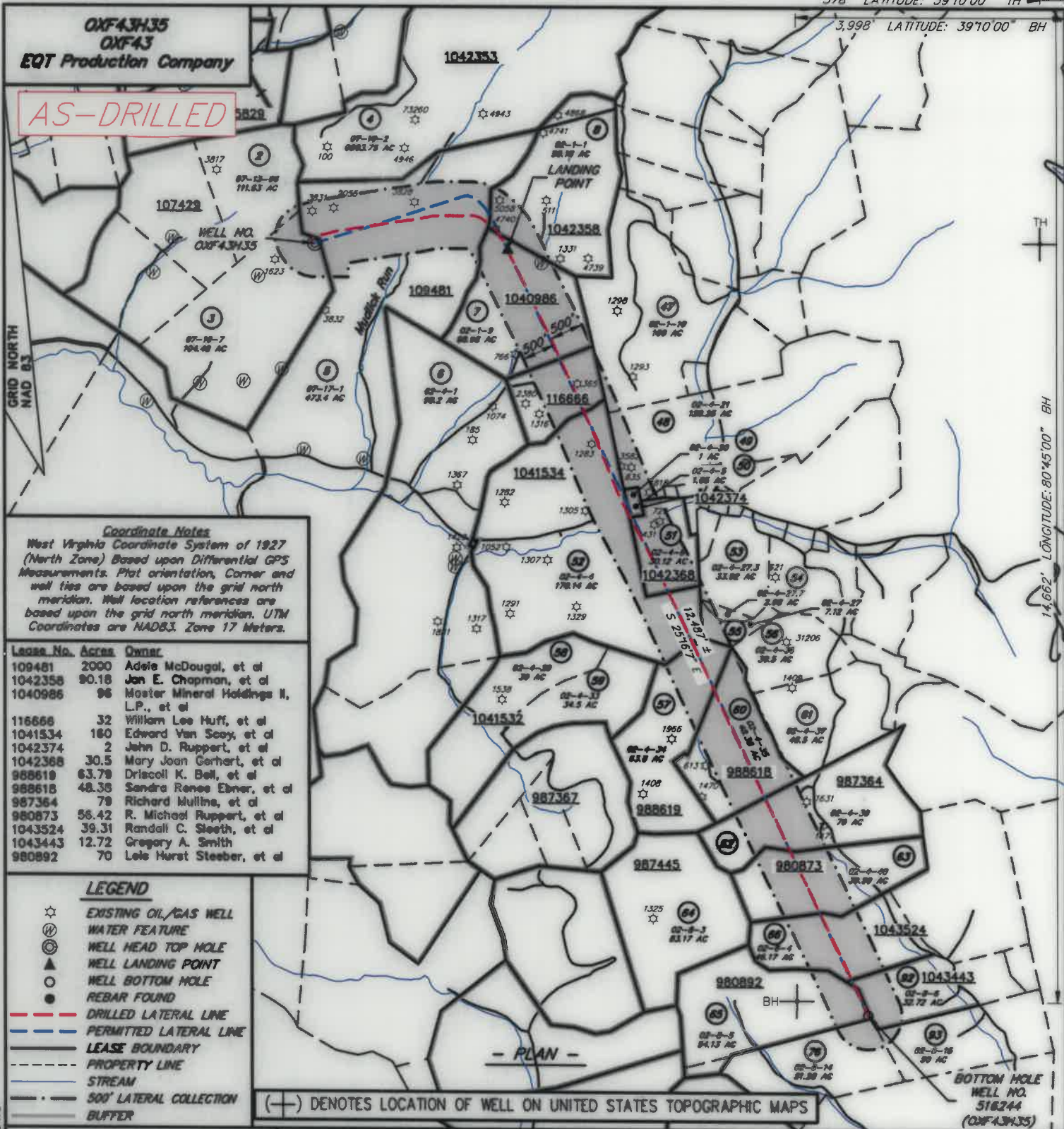
Please insert additional copies of this page if additional rows/stages are needed.

378' LATITUDE: 39°10'00" TH

3,998' LATITUDE: 39°10'00" BH

OXF43H35
OXF43
EQT Production Company

AS-DRILLED



Coordinate Notes
West Virginia Coordinate System of 1927 (North Zone) Based upon Differential GPS Measurements. Plat orientation, Corner and well ties are based upon the grid north meridian. Well location references are based upon the grid north meridian. UTM Coordinates are NAD83, Zone 17 Meters.

Lease No.	Acres	Owner
109481	2000	Adelle McDougal, et al
1042358	80.18	Jan E. Chapman, et al
1040986	96	Master Mineral Holdings II, L.P., et al
116666	32	William Lee Huff, et al
1041534	180	Edward Van Scoy, et al
1042374	2	John D. Ruppert, et al
1042368	30.5	Mary Joan Gerhart, et al
988619	63.79	Driscoll K. Bell, et al
988616	48.36	Sandra Renee Ebner, et al
987364	79	Richard Mullins, et al
980873	56.42	R. Michael Ruppert, et al
1043524	39.31	Randall C. Sleeth, et al
1043443	12.72	Gregory A. Smith
980892	70	Lois Hurst Steeber, et al

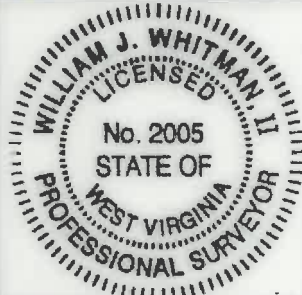
LEGEND

- ☆ EXISTING OIL/GAS WELL
- ⊙ WATER FEATURE
- ⊙ WELL HEAD TOP HOLE
- ⊙ WELL LANDING POINT
- ⊙ WELL BOTTOM HOLE
- REBAR FOUND
- - - DRILLED LATERAL LINE
- - - PERMITTED LATERAL LINE
- - - LEASE BOUNDARY
- - - PROPERTY LINE
- - - STREAM
- - - 500' LATERAL COLLECTION BUFFER

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



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.



FILE NO.: EES-60635
 DRAWING NO.: OXF43_Well Plat
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: ±3'
 PROVEN SOURCE OF ELEVATION: GPS

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

DATE SEPTEMBER 29, 20 20
 OPERATORS
 WELL NO. 516244 (OXF43H35)
 API WELL NO.
47 017 06886
 STATE COUNTY PERMIT

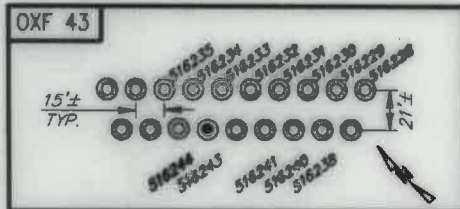
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION, ELEVATION: 1229' (As-Built Pad) WATERSHED: Middle Fork Hughes River QUADRANGLE: OXFORD
 DISTRICT: SOUTH WEST / COVE COUNTY: DODDRIDGE DATE: 12/24/2021
 SURFACE OWNER: Cathy Jean Wetzel, ET AL ACREAGE: 104.48± AC
 ROYALTY OWNER: Franklin Maxwell Heirs L. P. LEASE NO.: 107429 ACREAGE: 255± AC
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,965'

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C. Mallow
 ADDRESS: 400 Woodcliff Drive ADDRESS: 115 Professional Pl., P.O. Box 280
Canonsburg, PA 15317 Bridgeport, WV 26330

WWW.ENCOMPASSSERVICES.COM PLOT DATE: 10/12/2020 CAD FILE: OXF 43_WELL PLAT-2020-10-08.DWG

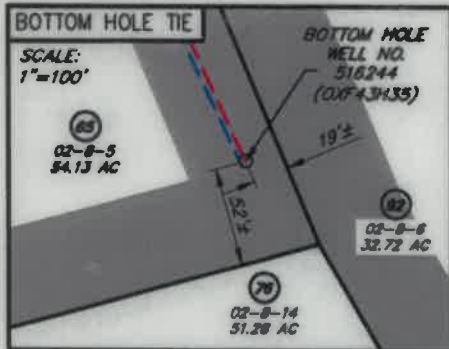
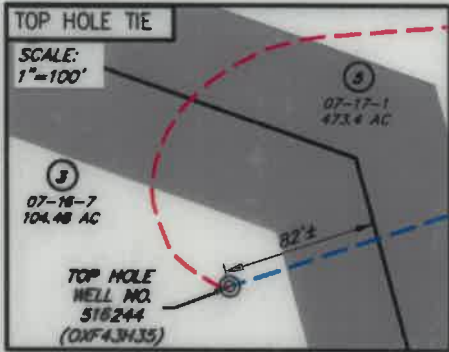
516244 (OXF43H35)
OXF43
EQT Production Company

AS-DRILLED



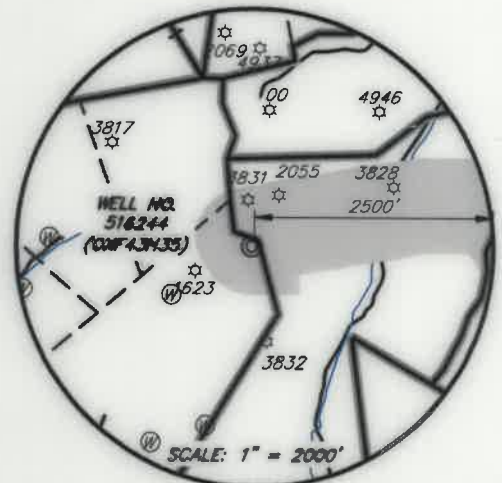
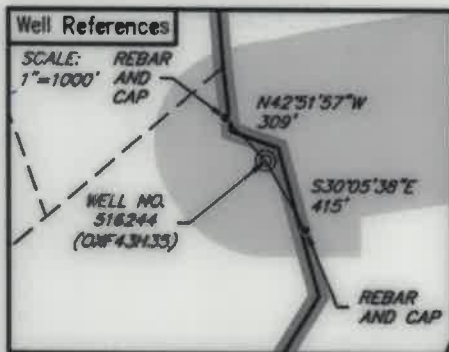
516244 (OXF43H35) Well Point Coordinates

Top Hole Coordinates		
NAD 27 S.P.C. (PL)	N: 241,952.530	E: 1,633,306.339
NAD 27 GEO	LAT: 39.157007	LONG: 80.793003
NAD 83 UTM 17N (M)	N: 4,334,235.6	E: 517,809.6
NAD 83 S.P.C. (PL)	N: 241,957.8	E: 1,601,905.5
Landing Point Coordinates		
NAD 27 S.P.C. (PL)	N: 241,878.570	E: 1,636,238.240
NAD 27 GEO	LAT: 39.150067	LONG: 80.782901
NAD 83 UTM 17N (M)	N: 4,334,227.7	E: 518,772.4
NAD 83 S.P.C. (PL)	N: 241,924.0	E: 1,604,708.4
Bottom Hole Coordinates		
NAD 27 S.P.C. (PL)	N: 230,506.480	E: 1,641,540.100
NAD 27 GEO	LAT: 39.126174	LONG: 80.763548
NAD 83 UTM 17N (M)	N: 4,330,814.7	E: 520,453.5
NAD 83 S.P.C. (PL)	N: 230,522.1	E: 1,610,099.5



NO.	SURFACE OWNER
3	CATHY JEAN WETZEL, ET AL
5	RANDY E. & WILLIAM LEE HUFF
7	WM & RANDY HUFF DECEDEENTS
8	ARNOLD DALE ALAN & BRYAN ALAN & DAVID LYNNGEE
50	JENNINGS T. STARCHER
51	JOHN E. & DEBRA L. RUPPERT
52	JAMES H. & JENNIE FOSTER
57	JANNETTE CONLEY
60	JANNETTE CONLEY
62	WILLIAM A. & SANDRA (MATHENY) ARMENTROUT
63	ROSS LEVINE
65	DAVID E. BOWYER
66	RONALD G. & VERONICA N. CLAYPOOL
92	JOSEPH J. LANDICINI, III AND LORRAINE L. LANDICINI

NO.	ADJACENT OWNER
47	LUCIUS M. TALLMAN, ET UX
48	MICHAEL & MARY ANN RUPPERT
49	JENNINGS T. STARCHER
53	JOHN E. & DEBRA L. RUPPERT
54	JOHN E. & DEBRA L. RUPPERT
55	MICHAEL R. RUPPERT JR. TRUST & VANESSA GAE MORGAN
56	MICHAEL & MARY ANN RUPPERT
61	MICHAEL & MARY ANN RUPPERT
76	DAVID E. BOWYER
93	DAVID E. BOWYER



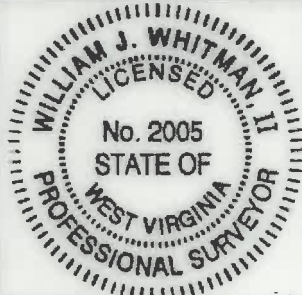
LEGEND

- ☆ EXISTING OIL/GAS WELL
- ⊙ WATER FEATURE
- ⊙ WELL HEAD TOP HOLE
- ⊙ WELL LANDING POINT
- ⊙ WELL BOTTOM HOLE
- REBAR FOUND
- DRILLED LATERAL LINE
- PERMITTED LATERAL LINE
- LEASE BOUNDARY
- PROPERTY LINE
- STREAM
- 500' LATERAL COLLECTION BUFFER



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.

[Signature]



FILE NO.: EES-60635
DRAWING NO.: OXF43_Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: ±3'
PROVEN SOURCE OF ELEVATION: GPS

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

DATE: SEPTEMBER 29, 20 20
OPERATORS: 516244 (OXF43H35)
WELL NO.: 516244 (OXF43H35)
API WELL NO.: 47 017 06886
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION, ELEVATION: 1229' (As-Built Pad) WATERSHED: Middle Fork Hughes River QUADRANGLE: OXFORD
DISTRICT: SOUTH WEST / COVE COUNTY: DODDRIDGE DATE: 12/24/2021
SURFACE OWNER: Cathy Jean Wetzel, ET AL ACREAGE: 104.48± AC
ROYALTY OWNER: Franklin Maxwell Heirs L. P. LEASE NO.: 107429 ACREAGE: 255± AC
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,965'

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C. Mallow
ADDRESS: 400 Woodcliff Drive ADDRESS: 115 Professional Pl., P.O. Box 280
Canonsburg, PA 15317 Bridgeport, WV 26330

WWW.ENCOMPASSSERVICES.COM PLOT DATE: 10/12/2020 CAD FILE: OXF 43_WELL PLAT-2020-10-08.DWG