

9/13/21

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

API 47 - 017 - 06742 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 24H (516232)  
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 4,334,236.0 Easting 517,908.9  
Landing Point of Curve Northing 4,334,192.2 Easting 518,110.4  
Bottom Hole Northing 4,330,642.8 Easting 519,861.2

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 13.9 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 04/23/2020 Date drilling commenced 06/25/2017 Date drilling ceased 09/21/2020  
Date completion activities began 3/29/21 Date completion activities ceased 4/17/21  
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: SDW

12/24/2021

API 47-017 - 06742 Farm name Cathy Jean Wetzel, et. la. Well number OXF43 24H (516232)

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"	558'	NEW	J-55 54.5#	N/A	Y
Coal							
Intermediate 1	12-3/8"	9-5/8"	5330'	NEW	P-110 40#	3110' & 4992'	Y
Intermediate 2							
Intermediate 3							
Production	8-1/2"	5 1/2"	20,163'	NEW	P-110 HPP 20#	N/A	N
Tubing							
Packer type and depth set		Open Hole Packer set at 3092'					

Comment Details Production Cement job has a calculated TOC of 3048' 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 <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (MD)	WOC (hrs)
Conductor	CLASS A	49	15.6	1.18	58	0	8+
Surface	CLASS A	520	15.6	1.20	624	0	8
Coal							
Intermediate 1	CLASS A	770 / 830 / 285	15.6	1.18	2224	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	3817	15.2	1.04	3969	3048	8+
Tubing							

Drillers TD (ft) 20,181' 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) 3615' 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 3220'

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 - 06742 Farm name Cathy Jean Wetzel, et. la. Well number OXF43 24H (516232)

**PERFORATION RECORD**

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

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)
			<b>See Attached</b>					

Please insert additional pages as applicable.

API 47- 017 - 06742 Farm name Cathy Jean Wetzel, et. la. Well number OXF43 24H (516232)

PRODUCING FORMATION(S)	DEPTHS	
	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 10,464 mcfpd Oil 0 bpd NGL 47 bpd Water 265 bpd GAS MEASURED BY  Estimated  Orifice  Pilot

LITHOLOGY/ FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H <sub>2</sub> S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	
	0		0		

Please insert additional pages as applicable.

Drilling Contractor Decker (Rig 11)  
Address 11565 State Route 676 City Vincent State OH Zip 45784

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 TX Zip 77056

Please insert additional pages as applicable.

Completed by Adam Hughey Telephone 724-579-5475  
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 - 06742 Farm name Cathy Jean Wetzel, et. Ia. Well number OXF43 24H (516232)

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

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

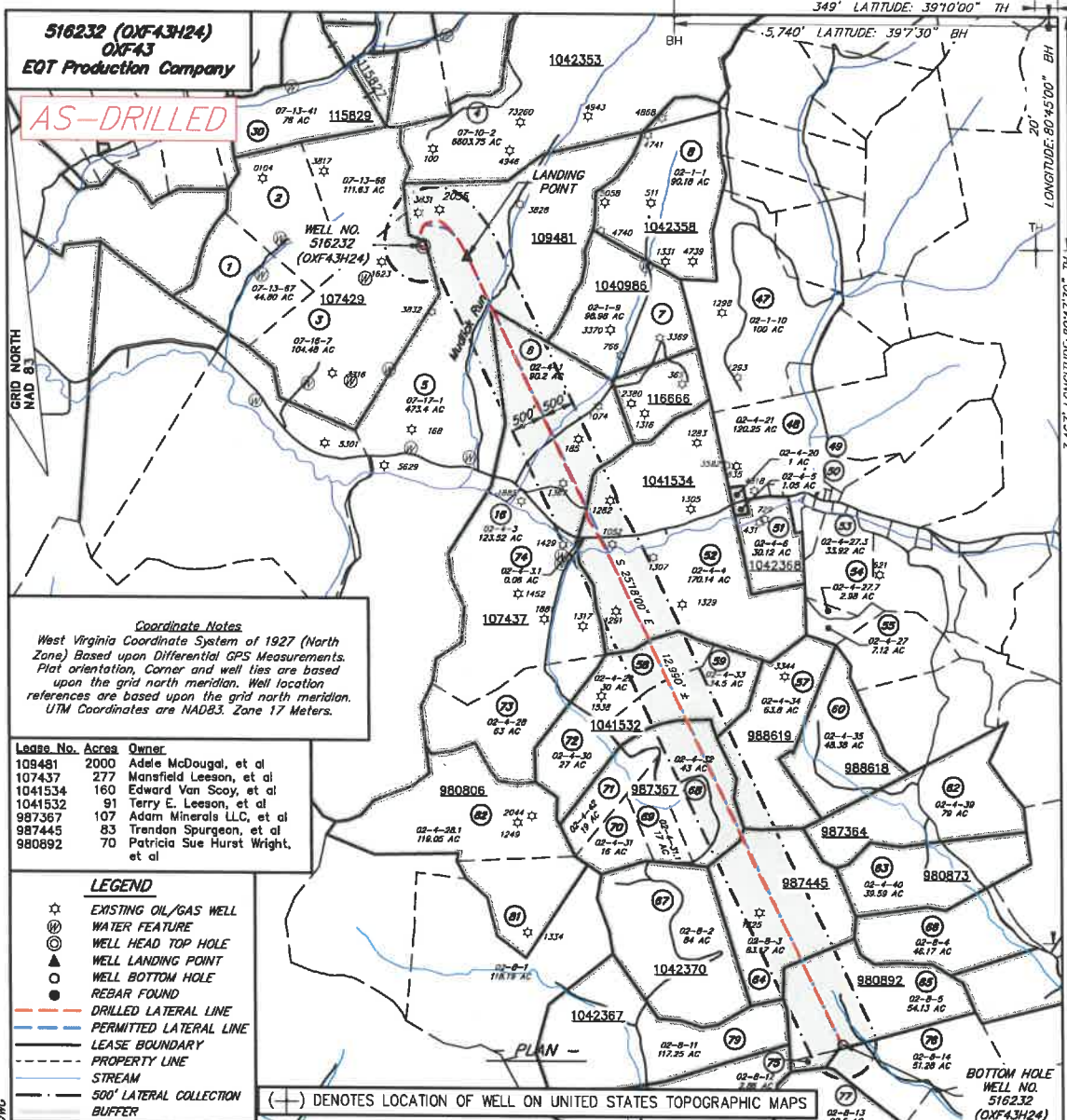
Logging Company Gyrodata  
Address 73 Noblestown Rd City Carnegie State PA Zip 15106

Drilling Contractor Savanna Drilling (Rig 654)  
Address 125 Industry Road City Waynesburg State PA Zip 15370

Cementing  
Company BJ Services  
Address 4000 Town Center Blvd. City Canonsburg State PA Zip 15317

Well# OXF43 24H 516232 Final Formations API# 47-017-06742				
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	1,099
Maxton	1,099	1,099	1,139	1,139
Sand/Shale	1,139	1,139	1,975	1,975
Big Lime	1,975	1,975	2,043	2,043
Sand/Shale	2,043	2,043	2,087	2,087
Big Injun	2,087	2,087	2,119	2,119
Sand/Shale	2,119	2,119	2,261	2,261
Weir	2,261	2,261	2,387	2,387
Sand/Shale	2,387	2,387	2,461	2,461
Gantz	2,461	2,461	2,543	2,543
Fifty foot	2,543	2,543	2,600	2,600
Sand/Shale	2,600	2,600	2,641	2,641
Thirty foot	2,641	2,641	2,677	2,677
Sand/Shale	2,677	2,677	2,683	2,683
Gordon	2,683	2,683	2,732	2,732
Sand/Shale	2,732	2,732	2,783	2,783
Forth Sand	2,783	2,783	2,850	2,850
Sand/Shale	2,850	2,850	2,963	2,962
Bayard	2,963	2,962	3,034	3,033
Sand/Shale	3,034	3,033	3,297	3,296
Warren	3,297	3,296	3,363	3,362
Speechley	3,363	3,362	3,868	3,867
Balltown A	3,868	3,867	4,226	4,224
Sand/Shale	4,226	4,224	4,466	4,462
Riley	4,466	4,462	4,842	4,829
Benson	4,842	4,829	4,936	4,919
Sand/Shale	4,936	4,919	5,144	5,118
Alexander	5,144	5,118	5,237	5,206
Elks	5,237	5,206	6,341	6,248
Sonyea	6,341	6,248	6,490	6,376
Middlesex	6,490	6,376	6,561	6,433
Genesee	6,561	6,433	6,757	6,566
Geneseo	6,757	6,566	6,846	6,613
Tully	6,846	6,613	6,891	6,633
Hamilton	6,891	6,633	7,135	6,693
Marcellus	7,135	6,693	20,181	6,935

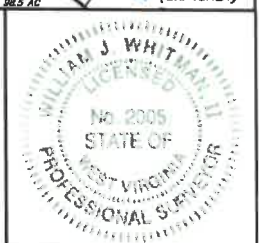
12/24/2021



**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 22, 20 20  
 OPERATORS  
 WELL NO. 516232 (OXF43H24)  
 API WELL NO. 47 017 06742  
 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: 6,935'

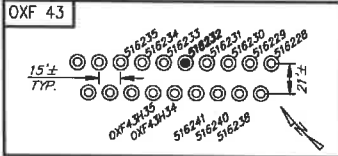
WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C. Mallow  
 ADDRESS: 400 Woodcliff Drive ADDRESS: 115 Professional Pl., P.O. Box 280  
Canonsburg, PA 15317 Bridgeport, WV 26330

WWW.ENCOMPASSSERVICES.COM PLOT DATE: 9/28/2020 CAD FILE: OXF\_43\_WELL\_PLAT-2020-09-22.DWG

12/24/2021

516232 (OXF43H24)  
OXF43  
EQT Production Company

AS-DRILLED



**516232 (OXF43H24) Well Point Coordinates**

**Top Hole Coordinates**

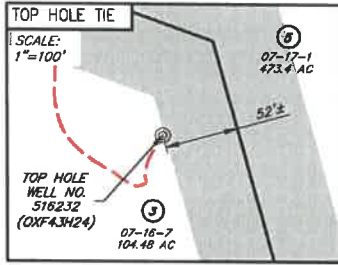
NAD 27 S.P.C. (Ft.)	N: 241,953.180	E: 1,633,377.130
NAD 27 GEO	LAT: 39.157069	LONG: 80.792894
NAD 83 UTM 17N (M)	N: 4,334,236.0	E: 519,908.9
NAD 83 S.P.C. (Ft.)	N: 241,988.4	E: 1,601,936.3

**Landing Point Coordinates**

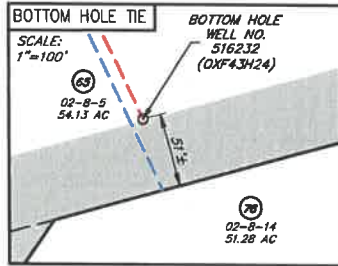
NAD 27 S.P.C. (Ft.)	N: 241,798.460	E: 1,634,035.860
NAD 27 GEO	LAT: 39.156652	LONG: 80.790564
NAD 83 UTM 17N (M)	N: 4,334,192.2	E: 518,110.4
NAD 83 S.P.C. (Ft.)	N: 241,833.8	E: 1,602,595.0

**Bottom Hole Coordinates**

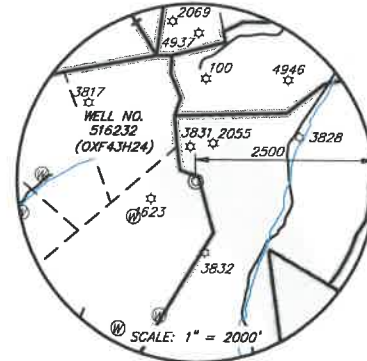
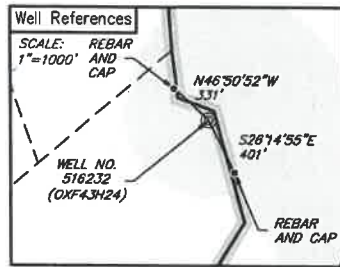
NAD 27 S.P.C. (Ft.)	N: 230,054.630	E: 1,639,586.920
NAD 27 GEO	LAT: 39.124638	LONG: 80.770405
NAD 83 UTM 17N (M)	N: 4,330,642.8	E: 519,861.2
NAD 83 S.P.C. (Ft.)	N: 230,090.2	E: 1,608,146.2



NO.	SURFACE OWNER
3	CATHY JEAN WETZEL, ET AL
5	RANDY E. & WILLIAM LEE HUFF
6	WILMA LEE LEESON
52	JAMES H. & JENNIE FOSTER
58	TERRY E. LEESON
59	JANNETTE CONLEY
64	DONNA C. MATTHEWS
65	DAVID E. BOWYER
68	SLEETH TIMBER CORP



NO.	ADJACENT OWNER
2	EVELYN G. GREATHOUSE
16	MANSFIELD LEESON
57	JANNETTE CONLEY
74	ARMSTRONG TELEPHONE COMPANY NORTHERN DIVISION
75	DAVID E. BOWYER
76	DAVID E. BOWYER
77	BRUCE D. & GLADYS L. ROTH



**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]*



WWW.ENCOMPASSSERVICES.COM PLOT DATE: 9/28/2020 CAD FILE: OXF\_43\_WELL\_PLAT-2020-09-22.DWG

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

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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: 6,935'

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

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:	47-017-06742-00-00
Operator Name:	EQT Production
Well Name and Number:	OXF43 24H
Latitude:	39.15714630
Longitude:	-80.79272050
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,935
Total Base Water Volume (gal):	26,864,166
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	88.47000	None
Sand (Proppant)	EQT	Proppant	Silica Substrate	14808-60-7	100.00000	11.36500	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-propenamamide	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
AI-303	USWS	Acid Corrosion Inhibitor					

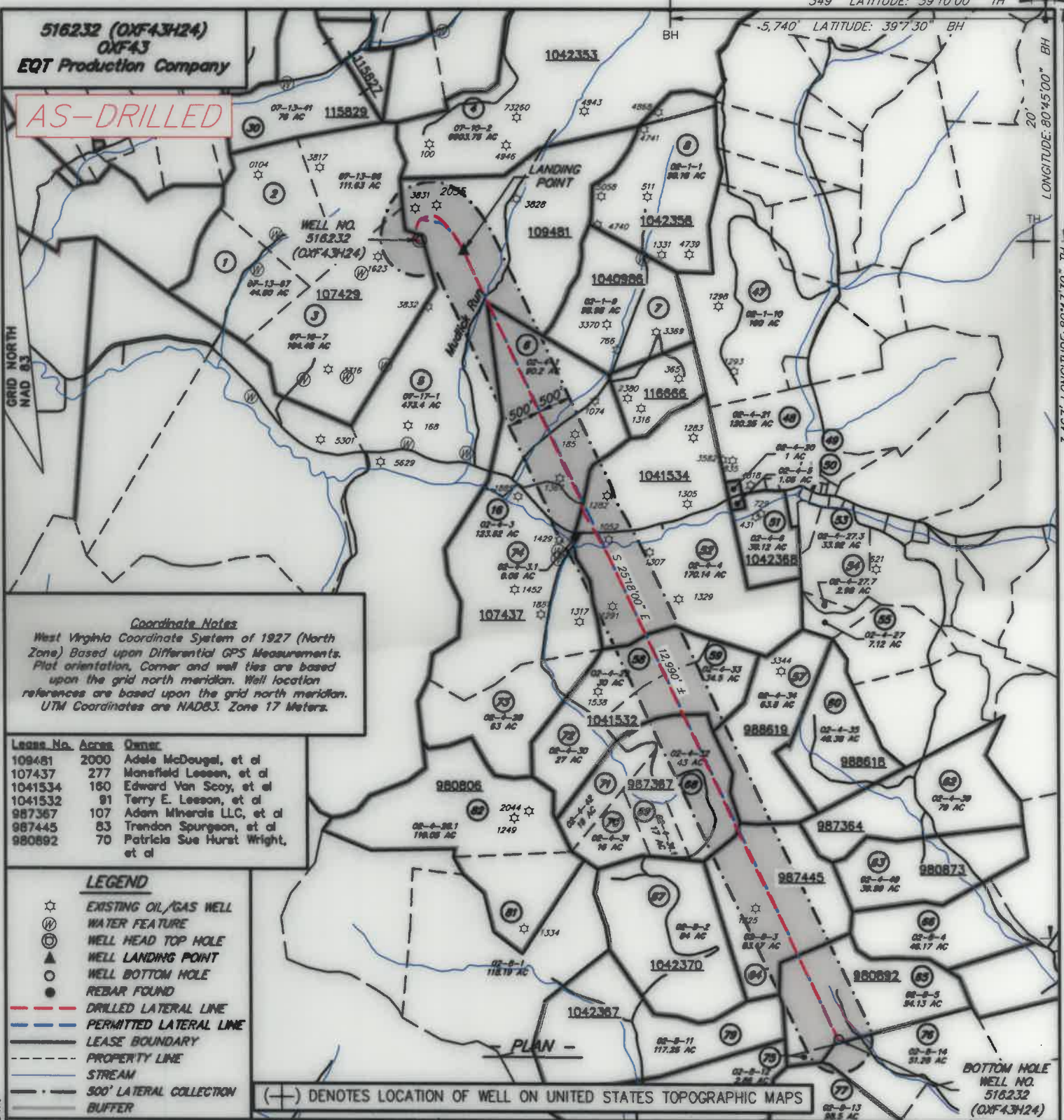
PERFORATION RECORD					
Stage No.	Perforation Date	Stage Perforated From TMD Ft.	Stage Perforated To TMD Ft.	# of Perforations/Stage	Formation(s)
2	03/29/2021	20,046	19,871		40 Marcellus
3	03/30/2021	19,852	19,671		40 Marcellus
4	03/30/2021	19,652	19,471		40 Marcellus
5	03/30/2021	19,445	19,271		40 Marcellus
6	03/30/2021	19,246	19,071		40 Marcellus
7	03/31/2021	19,052	18,871		40 Marcellus
8	03/31/2021	18,845	18,671		40 Marcellus
9	03/31/2021	18,652	18,471		40 Marcellus
10	03/31/2021	18,447	18,271		40 Marcellus
11	04/01/2021	18,252	18,071		40 Marcellus
12	04/01/2021	18,047	17,871		40 Marcellus
13	04/02/2021	17,852	17,671		40 Marcellus
14	04/02/2021	17,652	17,471		40 Marcellus
15	04/02/2021	17,450	17,271		40 Marcellus
16	04/02/2021	17,248	17,071		40 Marcellus
17	04/02/2021	17,052	16,871		40 Marcellus
18	04/03/2021	16,852	16,671		40 Marcellus
19	04/03/2021	16,649	16,471		40 Marcellus
20	04/04/2021	16,452	16,271		40 Marcellus
21	04/04/2021	16,252	16,071		40 Marcellus
22	04/04/2021	16,050	15,871		40 Marcellus
23	04/04/2021	15,849	15,671		40 Marcellus
24	04/05/2021	15,652	15,471		40 Marcellus
25	04/05/2021	15,450	15,271		40 Marcellus
26	04/05/2021	15,248	15,071		40 Marcellus
27	04/06/2021	15,049	14,871		40 Marcellus
28	04/06/2021	14,843	14,671		40 Marcellus
29	04/07/2021	14,652	14,471		40 Marcellus
30	04/07/2021	14,450	14,271		40 Marcellus
31	04/07/2021	14,247	14,071		40 Marcellus
32	04/08/2021	14,052	13,871		40 Marcellus
33	04/08/2021	13,848	13,671		40 Marcellus
34	04/08/2021	13,648	13,471		40 Marcellus
35	04/08/2021	13,452	13,271		40 Marcellus
36	04/09/2021	13,252	13,071		40 Marcellus
37	04/09/2021	13,047	12,871		40 Marcellus
38	04/10/2021	12,852	12,671		40 Marcellus
39	04/10/2021	12,648	12,471		40 Marcellus
40	04/10/2021	12,452	12,271		40 Marcellus
41	04/11/2021	12,252	12,071		40 Marcellus
42	04/11/2021	12,048	11,871		40 Marcellus
43	04/12/2021	11,852	11,671		40 Marcellus
44	04/12/2021	11,649	11,471		40 Marcellus
45	04/12/2021	11,452	11,271		40 Marcellus
46	04/13/2021	11,252	11,071		40 Marcellus
47	04/13/2021	11,052	10,871		40 Marcellus
48	04/13/2021	10,852	10,671		40 Marcellus
49	04/14/2021	10,652	10,471		40 Marcellus
50	04/14/2021	10,452	10,271		40 Marcellus
51	04/14/2021	10,252	10,071		40 Marcellus
52	04/14/2021	10,052	9,871		40 Marcellus
53	04/14/2021	9,852	9,671		40 Marcellus
54	04/15/2021	9,652	9,471		40 Marcellus
55	04/15/2021	9,452	9,271		40 Marcellus
56	04/15/2021	9,252	9,071		40 Marcellus
57	04/15/2021	9,052	8,871		40 Marcellus
58	04/15/2021	8,852	8,671		40 Marcellus
59	04/16/2021	8,652	8,471		40 Marcellus
60	04/16/2021	8,452	8,271		40 Marcellus
61	04/16/2021	8,252	8,071		40 Marcellus
62	04/16/2021	8,052	7,871		40 Marcellus
63	04/16/2021	7,852	7,671		40 Marcellus
64	04/17/2021	7,652	7,471		40 Marcellus
65	04/17/2021	7,452	7,271		40 Marcellus
66	04/17/2021	7,252	7,071		40 Marcellus

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

516232 (OXF43H24)  
OXF43  
EQT Production Company

AS-DRILLED

GRID NORTH  
NAD 83



**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	Adale McDougal, et al
107437	277	Mansfield Leseen, et al
1041534	160	Edward Van Scoy, et al
1041532	91	Terry E. Leseen, et al
987367	107	Adam Minerals LLC, et al
987445	83	Trendon Spurgeon, et al
980892	70	Patriela Sue Hurst Wright, 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.

*[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 22, 20 20  
 OPERATORS  
 WELL NO. 516232 (OXF43H24)  
 API WELL NO.  
47 017 06742  
 STATE COUNTY PERMIT

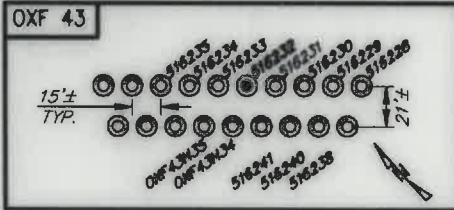
WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION, ELEVATION: 1229' (As-Built Pad) WATERSHED: Middle Fork Hughes River QUADRANGLE: OXFORD  
 DISTRICT: SOUTH WEST / COVE COUNTY: DOODRIDGE DATE: 12/24/2021  
 SURFACE OWNER: Cathy Jean Wetzel, ET AL ACREAGE: 104.48± AC  
 ROYALTY OWNER: Franklin Maxwell Hairs 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: 6,935'

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: 9/28/2020 CAD FILE: OXF 43\_WELL PLAT-2020-09-22.DWG

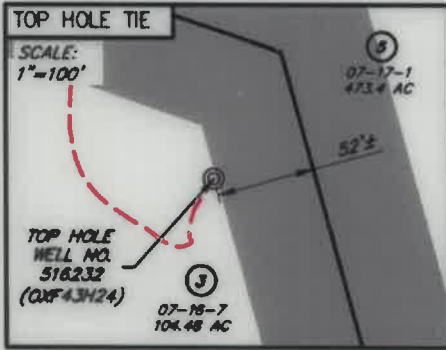
516232 (OXF43H24)  
OXF43  
EQT Production Company

AS-DRILLED

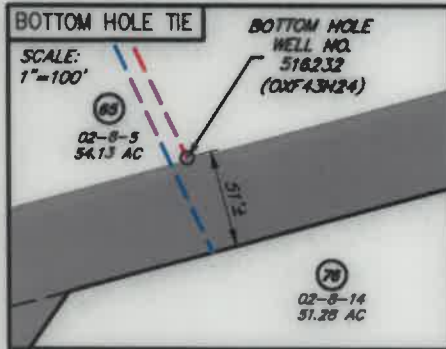


**516232 (OXF43H24) Well Point Coordinates**

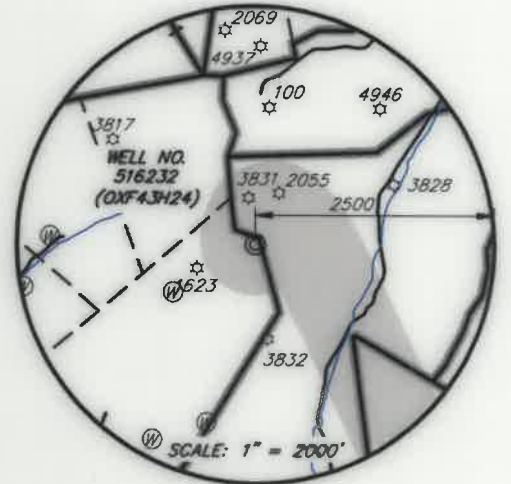
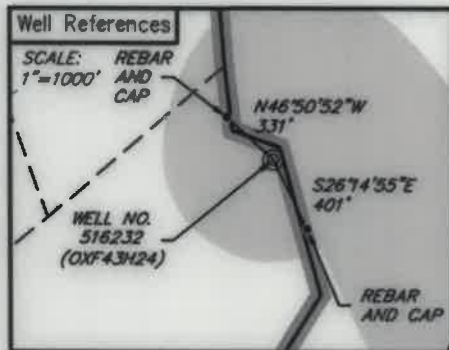
Top Hole Coordinates		
NAD 27 S.P.C. (Pt.)	N: 241,953.100	E: 1,633,377.130
NAD 27 G20	LAT: 39.157060	LONG: 80.792094
NAD 83 UTM 17N (M)	N 4,334,236.0	E: 517,908.9
NAD 83 S.P.C. (Pt.)	N 241,968.4	E: 1,601,936.3
Landing Point Coordinates		
NAD 27 S.P.C. (Pt.)	N: 241,798.480	E: 1,634,035.060
NAD 27 G20	LAT: 39.156062	LONG: 80.790564
NAD 83 UTM 17N (M)	N 4,334,192.2	E: 518,110.4
NAD 83 S.P.C. (Pt.)	N 241,833.8	E: 1,602,595.0
Bottom Hole Coordinates		
NAD 27 S.P.C. (Pt.)	N: 230,054.610	E: 1,639,596.920
NAD 27 G20	LAT: 39.124638	LONG: 80.770905
NAD 83 UTM 17N (M)	N 4,330,642.8	E: 519,051.2
NAD 83 S.P.C. (Pt.)	N 239,090.2	E: 1,608,146.2



NO.	SURFACE OWNER
3	CATHY JEAN WETZEL, ET AL
5	RANDY E. & WILLIAM LEE HUFF
6	WILMA LEE LEESON
52	JAMES H. & JENNIE FOSTER
58	TERRY E. LEESON
59	JANNETTE CONLEY
64	DONNA C. MATTHEWS
65	DAVID E. BOWYER
68	SLEETH TIMBER CORP



NO.	ADJACENT OWNER
2	EVELYN G. GREATHOUSE
18	MANSFIELD LEESON
57	JANNETTE CONLEY
74	ARMSTRONG TELEPHONE COMPANY NORTHERN DIVISION
75	DAVID E. BOWYER
76	DAVID E. BOWYER
77	BRUCE D. & GLADYS L. ROTH



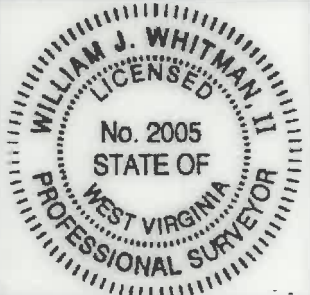
**LEGEND**

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

DATE SEPTEMBER 22, 20 20  
OPERATORS  
WELL NO. 516232 (OXF43H24)  
API WELL NO.  
47 017 06742  
STATE COUNTY PERMIT

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