

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

API 47 - 017 - 06740 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 21H (516229)  
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 4,334,227.0 Easting 517,919.3  
Landing Point of Curve Northing 4,333,628.5 Easting 517,711.3  
Bottom Hole Northing 4,330,239.1 Easting 519,379.2

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 13.0 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 09/05/2020  
Date completion activities began 3/30/21 Date completion activities ceased 4/22/21  
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) depth N  
Coal depth(s) ft 336 Cavern(s) encountered (Y/N) depths N  
Is coal being mined in area (Y/N) N

Reviewed by:

SDW

12/24/2021

API 47-017 - 06740

Farm name Cathy Jean Wetzel, et. la.

Well number OXF43 21H (516229)

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"	556'	NEW	J-55 54.5#	284'	Y
Coal							
Intermediate 1	12-3/8"	9-5/8"	5420'	NEW	P-110 40#	3131' & 4986'	Y
Intermediate 2							
Intermediate 3							
Production	8-1/2"	5 1/2"	20,141'	NEW	P-110 CYHP 20#	N/A	N
Tubing							
Packer type and depth set		Open Hole Packer set at 3085'					

Comment Details Production Cement job has a calculated TOC of 3116' 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	550	15.6	1.20	660	0	8
Coal							
Intermediate 1	Featherweight / CLASS A / Featherweight	333 / 194 / 637	12.0 / 15.6 / 12.0	1.99 / 1.2 / 1.99	2163	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	3810	15.2	1.04	3962	3116	8+
Tubing							

Drillers TD (ft) 20,161' 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) 3915' 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 3514'

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 - 06740 Farm name Cathy Jean Wetzel, et. la. Well number OXF43 21H (516229)

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

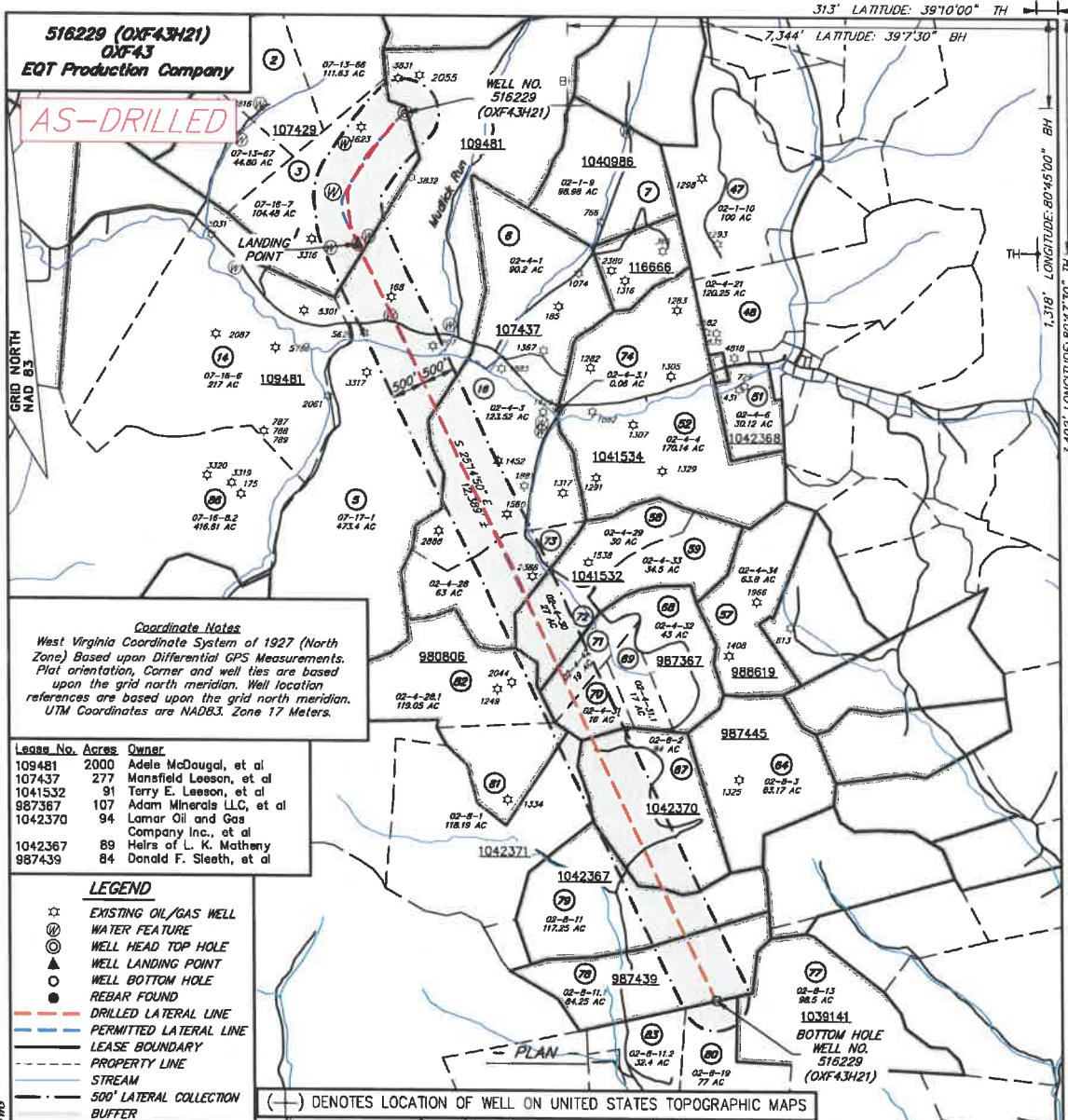
Logging Company Scientific Drilling International  
Address 124 Vista Drive City Charleroi State PA Zip 15022

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

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

Well# OXF43 21H 516229 Final Formations API# 47-017-06740				
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	2,963
Bayard	2,963	2,963	3,034	3,034
Sand/Shale	3,034	3,034	3,297	3,297
Warren	3,297	3,297	3,363	3,363
Speechley	3,363	3,363	3,868	3,868
Balltown A	3,868	3,868	4,226	4,225
Sand/Shale	4,226	4,225	4,466	4,458
Riley	4,466	4,458	4,842	4,814
Benson	4,842	4,814	4,936	4,901
Sand/Shale	4,936	4,901	5,144	5,085
Alexander	5,144	5,085	5,237	5,161
Elks	5,237	5,161	6,762	6,307
Sonyea	6,762	6,307	6,964	6,438
Middlesex	6,964	6,438	7,071	6,498
Genesee	7,071	6,498	7,225	6,569
Geneseo	7,225	6,569	7,353	6,615
Tully	7,353	6,615	7,436	6,637
Hamilton	7,436	6,637	7,513	6,654
Marcellus	7,513	6,654	20,161	6,921

12/24/2021



516229 (OXF43H21)  
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	Adele McDougall, et al
107437	277	Mansfield Leeson, et al
1041532	91	Terry E. Leeson, et al
987367	107	Adam Minerals LLC, et al
1042370	94	Lamar Oil and Gas Company Inc., et al
1042367	89	Heirs of L. K. Matheny
987439	84	Donald F. Sleath, 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 8, 20 20  
OPERATORS WELL NO. 516229 (OXF43H21)  
API WELL NO. \_\_\_\_\_  
47 017 06740  
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: 6,921'

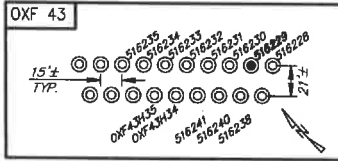
WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Joseph C. Mallow  
ADDRESS: 400 Woodcliff Drive ADDRESS: 115 Professional Pl., P.O. Box 280  
Canonsburg, PA 15317 Bridgeport, WV 26330

WWW.ENCOMPASSERVICES.COM PLOT DATE: 9/11/2020 CAD FILE: OXF 43 WELL PLAT-2020-09-08.DWG

12/24/2021

516229 (OXF43H21)  
OXF43  
EQT Production Company

AS-DRILLED



**516229 (OXF43H21) Well Point Coordinates**

**Top Hole Coordinates**

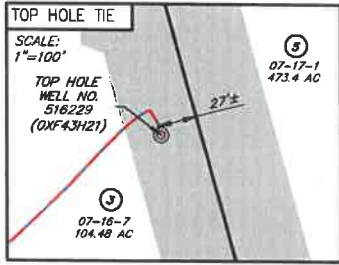
NAD 27 S.P.C. (Ft.)	N: 241,923,020	E: 1,633,410,600
NAD 27 GEO	LAT: 39.156929	LONG: 80.7759275
NAD 83 UTM 17N (M)	N: 4,334,227.0	E: 517,919.3
NAD 83 S.P.C. (Ft.)	N: 241,958.4	E: 1,601,969.8

**Landing Point Coordinates**

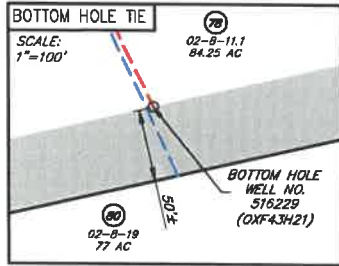
NAD 27 S.P.C. (Ft.)	N: 239,970,320	E: 1,632,695,210
NAD 27 GEO	LAT: 39.151590	LONG: 80.775158
NAD 83 UTM 17N (M)	N: 4,333,628.5	E: 517,711.3
NAD 83 S.P.C. (Ft.)	N: 240,005.6	E: 1,601,254.4

**Bottom Hole Coordinates**

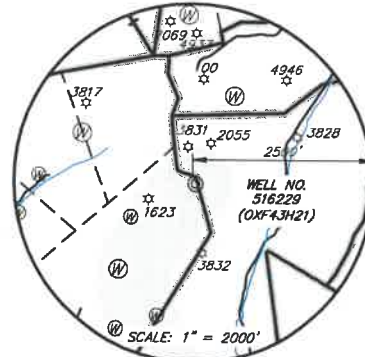
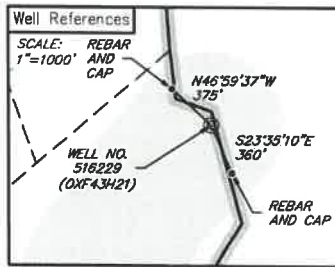
NAD 27 S.P.C. (Ft.)	N: 226,756,220	E: 1,637,983,260
NAD 27 GEO	LAT: 39.121031	LONG: 80.775592
NAD 83 UTM 17N (M)	N: 4,330,239.1	E: 519,379.2
NAD 83 S.P.C. (Ft.)	N: 228,791.7	E: 1,606,542.6



NO.	SURFACE OWNER
3	CATHY JEAN WETZEL, ET AL
5	RANDY E. & WILLIAM LEE HUFF
16	MANSFIELD LEESON
67	TRENDON & MARY JANE SPURGEON
70	TERRY E. LEESON
71	TERRY E. LEESON
72	TERRY E. LEESON
73	WM & RANDY HUFF DECEDENTS
78	COASTAL FOREST RESOURCES CO.
79	COASTAL FOREST RESOURCES CO.



NO.	ADJACENT OWNER
77	BRUCE D. & GLADYS L. ROTH
80	ALBERT L. LOAR
81	JERRY HOSAFLOOK, ET AL
82	JERRY HOSAFLOOK, ET AL
83	COASTAL FOREST RESOURCES CO.



**LEGEND**

- ☆ EXISTING OIL/GAS WELL
- ⊙ WATER FEATURE
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- ⊙ WELL LANDING POINT
- ⊙ WELL BOTTOM HOLE
- REBAR FOUND
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- - - STREAM
- - - 500' LATERAL COLLECTION BUFFER



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*Handwritten 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 8, 20 20  
OPERATORS  
WELL NO. 516229 (OXF43H21)  
API WELL NO. 47 017 06740  
STATE COUNTY PERMIT

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 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY)  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,921'

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: 9/11/2020 CAD FILE: OXF\_43\_WELL\_PLAT-2020-09-08.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:	47-017-06740-00-00
Operator Name:	EQT Production
Well Name and Number:	OXF43 21H
Latitude:	39.15706500
Longitude:	-80.79260100
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,921
Total Base Water Volume (gal):	25,295,424
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	88.48500	None
Sand (Proppant)	EQT	Proppant	Silica Substrate	14808-60-7	100.00000	11.33400	None
Clearal 268	ChemStream	Biocide	Non-hazardous substances	Proprietary	90.00000	0.01200	None
FR-9800	ChemStream	Friction Reducer	Copolymer of 2-propenamamide	Proprietary	30.00000	0.00800	None
StimSTREAM SC-398	ChemStream	Scale Inhibitor	Non-hazardous substances	Proprietary	90.00000	0.00800	None
FR-9800	ChemStream	Friction Reducer	Petroleum Distillate	64742-47-8	20.00000	0.00400	None
Clearal 268	ChemStream	Biocide	Glutaraldehyde	111-30-8	20.00000	0.00100	None
HCl	US Well Services LLC	Acid	Hydrogen Chloride	7647-01-0	15.00000	0.00100	None
FR-9800	ChemStream	Friction Reducer	Ammonium chloride ((NH4)Cl)	12125-02-9	1.00000		None

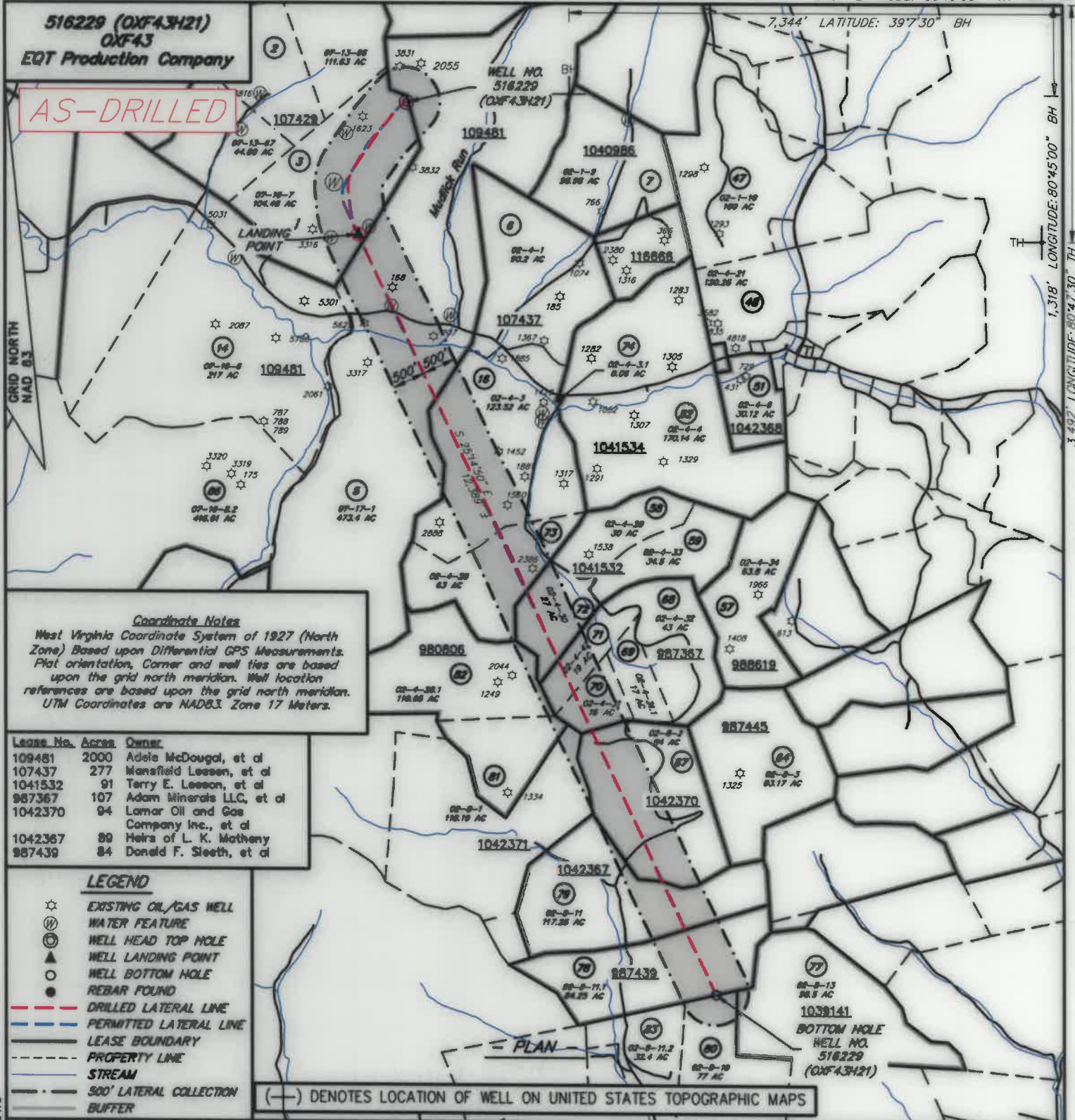
**STIMULATION INFORMATION / STAGE**

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 Press	Max Breakdown Press	ISIP (PSI)	Amount of Proppant (lb)	Amount of Water (bbl)	Amount of Nitrogen (bbl)
1	03/29/2021	85	9,322	9,101	3,281	176,200	5,294	
2	03/30/2021	98	9,274	5,529	3,738	440,100	10,212	
3	03/30/2021	99	9,256	5,369	4,196	440,150	10,088	
4	03/30/2021	99	9,234	5,181	5,014	440,250	10,101	
5	03/30/2021	100	9,179	5,293	4,617	440,100	10,117	
6	03/31/2021	92	9,343	5,691	3,977	440,300	10,059	
7	03/31/2021	96	9,327	5,545	5,438	441,200	10,077	
8	03/31/2021	95	9,346	4,424	4,549	440,200	10,235	
9	04/01/2021	97	9,317	5,530	4,682	440,100	10,061	
10	04/01/2021	99	9,344	5,593	5,211	440,660	10,131	
11	04/01/2021	96	9,330	5,851	4,990	440,640	10,031	
12	04/02/2021	96	9,321	5,429	4,919	440,300	10,036	
13	04/02/2021	99	9,315	5,489	4,730	440,320	10,000	
14	04/02/2021	97	9,314	5,542	4,198	440,420	9,993	
15	04/03/2021	96	9,318	5,591	4,822	440,200	10,006	
16	04/03/2021	99	9,357	5,383	4,904	440,820	9,959	
17	04/03/2021	93	9,345	5,824	5,138	440,000	9,966	
18	04/04/2021	98	9,340	5,565	4,197	440,300	9,961	
19	04/04/2021	100	9,323	5,700	4,630	440,460	9,931	
20	04/04/2021	100	9,305	5,593	5,111	440,220	9,917	
21	04/05/2021	97	9,328	5,909	4,130	440,150	9,917	
22	04/05/2021	99	9,340	5,517	5,151	440,680	9,912	
23	04/05/2021	100	9,302	5,544	5,100	440,300	9,885	
24	04/06/2021	100	9,280	5,836	4,837	440,200	9,886	
25	04/06/2021	100	9,234	5,677	4,677	440,280	9,859	
26	04/06/2021	100	9,316	5,922	4,919	440,200	9,839	
27	04/07/2021	100	9,347	5,800	5,105	440,320	9,851	
28	04/07/2021	99	9,354	5,330	5,067	440,560	9,821	
29	04/08/2021	100	9,298	5,714	4,476	440,200	9,845	
30	04/08/2021	100	9,265	6,007	4,756	440,360	9,889	
31	04/08/2021	99	9,221	6,002	5,073	440,300	9,817	
32	04/08/2021	100	9,255	5,745	4,516	440,100	9,756	
33	04/09/2021	100	9,350	5,805	4,571	440,150	9,780	
34	04/09/2021	100	9,272	6,012	4,637	440,660	9,762	
35	04/09/2021	100	9,284	5,461	4,233	440,200	9,774	
36	04/10/2021	100	9,302	5,783	4,424	440,580	9,733	
37	04/10/2021	100	9,264	5,751	4,406	440,860	9,758	
38	04/11/2021	100	9,238	5,592	4,460	440,100	9,683	
39	04/11/2021	100	9,134	5,780	4,451	440,480	9,694	
40	04/11/2021	100	9,181	5,444	4,204	440,400	9,704	
41	04/12/2021	100	9,138	5,622	4,433	440,380	9,666	
42	04/12/2021	100	9,198	5,808	4,576	440,660	9,619	
43	04/13/2021	100	9,158	5,725	4,323	440,300	9,632	
44	04/13/2021	100	9,157	5,560	4,476	440,880	9,629	
45	04/18/2021	100	9,175	5,831	4,402	440,150	9,643	
46	04/18/2021	100	9,117	5,715	4,684	440,100	9,611	
47	04/18/2021	99	9,232	7,253	4,732	440,300	9,607	
48	04/18/2021	99	9,159	6,229	4,583	440,200	9,618	
49	04/18/2021	100	9,142	6,546	4,338	440,400	9,570	
50	04/19/2021	100	9,140	5,528	4,526	440,400	9,540	
51	04/19/2021	100	9,132	6,430	4,435	440,300	9,544	
52	04/19/2021	100	9,105	6,231	4,193	440,400	9,558	
53	04/20/2021	100	9,032	5,820	4,378	440,300	9,546	
54	04/21/2021	100	9,246	5,951	4,403	440,400	9,539	
55	04/21/2021	101	9,151	5,538	4,598	440,300	9,541	
56	04/21/2021	100	9,237	5,458	4,583	440,150	9,388	
57	04/22/2021	100	9,045	5,488	4,138	440,600	9,420	
58	04/22/2021	100	9,018	5,598	4,520	440,350	9,472	
59	04/22/2021	100	8,900	5,970	5,154	440,200	9,464	
60	04/22/2021	100	9,036	5,494	4,845	440,300	9,459	
61	04/22/2021	100	8,826	6,618	4,640	440,200	9,438	
62	04/23/2021	100	8,847	5,747	4,730	440,200	9,428	

516229 (OXF43H21)  
OXF43  
EQT Production Company

AS-DRILLED



Coordinate Notes

West Virginia Coordinate System of 1927 (North Zone) Based upon Differential GPS Measurements. Plot 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.	Acreage	Owner
109481	2000	Adelle McDougal, et al
107437	277	Manafield Leeson, et al
1041532	91	Terry E. Leeson, et al
987367	107	Adam Minerals LLC, et al
1042370	94	Lamar Oil and Gas Company Inc., et al
1042367	80	Heirs of L. K. Mothey
987439	84	Donald F. Sleeth, et al

LEGEND

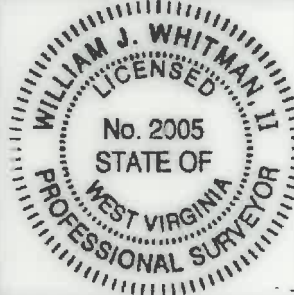
- ☆ EXISTING OIL/GAS WELL
- ⊕ WATER FEATURE
- ⊙ WELL HEAD TOP HOLE
- ▲ WELL LANDING POINT
- WELL BOTTOM HOLE
- REBAR FOUND
- DRILLED LATERAL LINE
- PERMITTED LATERAL LINE
- LEASE BOUNDARY
- PROPERTY LINE
- STREAM
- 500' LATERAL COLLECTION BUFFER

(---) 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 8, 20 20  
 OPERATORS WELL NO. 516229 (OXF43H21)  
 API WELL NO. 47 017 06740  
 STATE COUNTY PERMIT

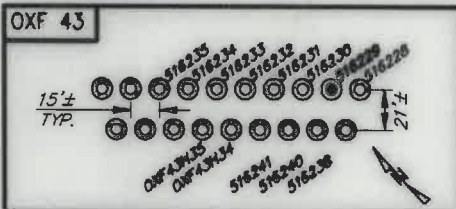
WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION, ELEVATION: 1229' (As-Built Pod) WATERSHED: Middle Fork Hughes River QUADRANGLE: OXFORD  
 DISTRICT: SOUTH WEST / COVE COUNTY: DODDRIDGE DATE: 12/24/2021  
 SURFACE OWNER: Cathy Jean Wetzel, 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: 6,921'

WELL OPERATOR: EQT Production Company  
 ADDRESS: 400 Woodcliff Drive  
Canonsburg, PA 15317

DESIGNATED AGENT: Joseph C. Mallow  
 ADDRESS: 115 Professional Pl. P.O. Box 280  
Bridgeport, WV 26330

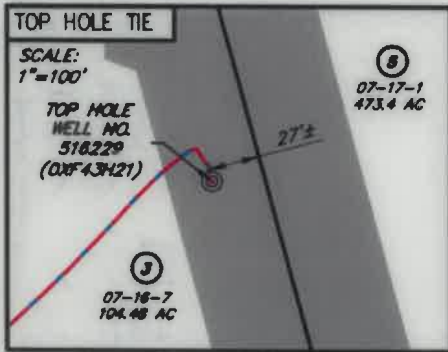
516229 (OXF43H21)  
OXF43  
EQT Production Company

AS-DRILLED

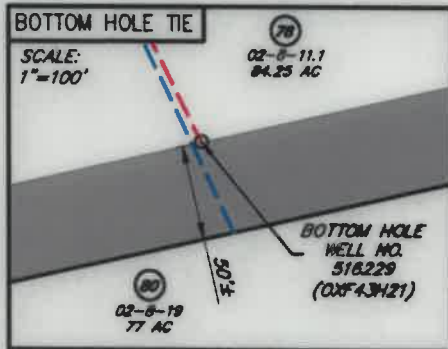


**516229 (OXF43H21) Well Point Coordinates**

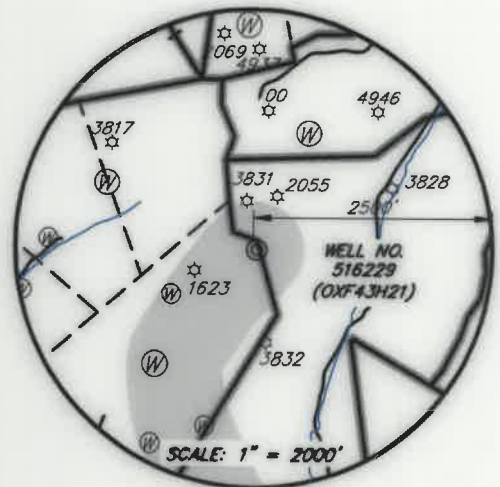
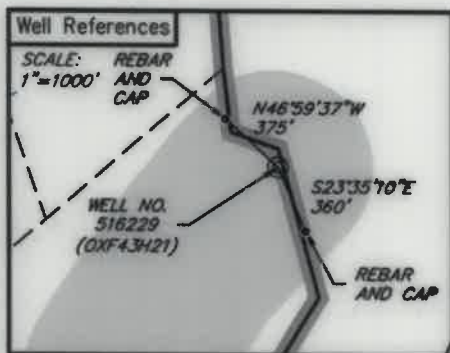
Top Hole Coordinates		
NAD 27 S.P.C. (Pr.)	N: 241,923.020	E: 1,633,410.000
NAD 27 GEO	LAT: 39.156979	LONG: 80.792775
NAD 83 UTM 17N (M)	N 4,334,227.0	E: 517,919.3
NAD 83 S.P.C. (Pr.)	N 241,958.4	E: 1,601,909.8
Landing Point Coordinates		
NAD 27 S.P.C. (Pr.)	N: 239,978.320	E: 1,632,695.210
NAD 27 GEO	LAT: 39.151590	LONG: 80.795198
NAD 83 UTM 17N (M)	N 4,333,628.5	E: 517,711.3
NAD 83 S.P.C. (Pr.)	N 240,005.6	E: 1,601,254.4
Bottom Hole Coordinates		
NAD 27 S.P.C. (Pr.)	N: 226,796.220	E: 1,637,983.260
NAD 27 GEO	LAT: 39.121611	LONG: 80.775992
NAD 83 UTM 17N (M)	N 4,338,239.1	E: 519,379.2
NAD 83 S.P.C. (Pr.)	N 228,791.7	E: 1,606,542.6



NO.	SURFACE OWNER
3	CATHY JEAN WETZEL, ET AL
5	RANDY E. & WILLIAM LEE HUFF
16	MANSFIELD LEESON
67	TRENDON & MARY JANE SPURGEON
70	TERRY E. LEESON
71	TERRY E. LEESON
72	TERRY E. LEESON
73	WM & RANDY HUFF DECEDENTS
78	COASTAL FOREST RESOURCES CO.
79	COASTAL FOREST RESOURCES CO.



NO.	ADJACENT OWNER
77	BRUCE D. & GLADYS L. ROTH
80	ALBERT L. LOAR
81	JERRY HOSAFLOOK, ET AL
82	JERRY HOSAFLOOK, ET AL
83	COASTAL FOREST RESOURCES CO.



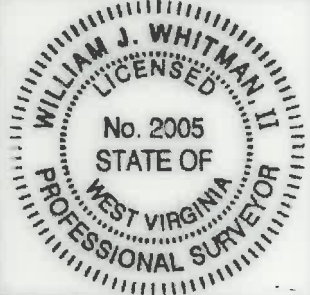
**LEGEND**

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



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

DATE: SEPTEMBER 8, 20 20  
OPERATORS: 516229 (OXF43H21)  
WELL NO. 516229 (OXF43H21)  
API WELL NO. 47 017 06740  
STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
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ADDRESS: 400 Woodcliff Drive ADDRESS: 115 Professional Pl. P.O. Box 280  
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