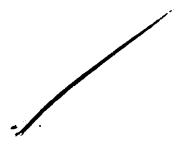


State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work



API 47-017-06715 County DODDRIDGE District SOUTHWEST
Quad OXFORD 7.5' Pad Name OXF153 Field/Pool Name _____
Farm name I.L. MORRIS Well Number 515970
Operator (as registered with the OOG) EQT Production Company
Address 625 Liberty Ave. EQT Plaza, Suite 1700 City Pittsburgh State PA Zip 15222

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,337,885.3 Easting 515,751.3
Landing Point of Curve Northing 4,338,142.5 Easting 515,980.9
Bottom Hole Northing 4,338,882.72 Easting 515,620.8 515,624.9

Elevation (ft) 1141 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)
Water base 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, ferrocchrome lignosulfonate, calcium carbonate, fibrous cellulose

Date permit issued 04/24/2015 Date drilling commenced 05/05/2015 Date drilling ceased 10/9/2015
Date completion activities began 11/24/2015 Date completion activities ceased 11/29/2015
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 49,442 Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1365,1407,1457 Void(s) encountered (Y/N) depths N
Coal depth(s) ft 68 Cavern(s) encountered (Y/N) depths N

Is coal being mined in area (Y/N) N

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APPROVED

NAME: Jacquelin Thornton
DATE: 4/11/2016

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Ax ws 06/28/16

API 47-017 - 06715

Farm name I.L. MORRIS

Well number 515970

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	24"	20"	40'	NEW	A-500 94LB/FT	NONE	Y
Surface	17.5"	13.375"	608'	NEW	J-55 54.5LB/FT	N/A	Y
Coal							
Intermediate 1	12.375"	9.625"	2974'	NEW	A-500 40LB/FT	793'	Y
Intermediate 2							
Intermediate 3							
Production	8.5"	5.5"	9,640	NEW	P-110 20LB/FT	NONE	N
Tubing							
Packer type and depth set							

Comment Details N/A

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	38	15.6	1.18	44.84	0	8
Surface	CLASS A	543	15.6	1.20	651.60	0	8
Coal							
Intermediate 1	CLASS A	1123	15.6	1.18	1325.14	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS A / CLASS H	595 / 375	15.2 / 15.6	1.07 / 1.84	1326.65	4010	24
Tubing							

Drillers TD (ft) 9,648' 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) 5,015' 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- JOINTS: 1, 8

INTERMEDIATE- 7 CENTRALIZERS RAN AT LEAST EVERY 500' FEET

PRODUCTION- Solid composite body spiral centralizers installed every joint from bottom to 3,515 ftKB.

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS

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

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API 47- 017 - 06715 Farm name I.L. MORRIS Well number 515970

Drilling Contractor Savanna Drilling (Rig 655)
Address 125 Industry Road City Waynesburg State PA Zip 15370

Logging Company GYRODATA
Address 601 MAYER ST City BRIDGEVILLE State PA Zip 15017

Logging Company _____
Address _____ City _____ State _____ Zip _____

Cementing Company C&J Energy Services (Nabors)
Address 2504 Smith Creek Road City Waynesburg State PA Zip 15370

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515970 Final Formations (API #47-17006715)

Formation Name	Final Top MD (ftGL) (ft)	Final Top TVD (ft)	Final Btm MD (ftGL) (ft)	Final Btm TVD (ft)
FRESH WATER ZONE	1		445	445
SAND/SHALE	1		71	
WASHINGTON COAL	71		72	
SAND/SHALE	72		1,689.00	1,689.00
MAXTON	1,689.00	1,689.00	1,868.00	1,868.00
BIG LIME	1,868.00	1,868.00	1,929.00	1,929.00
KEENER	1,929.00	1,929.00	2,098.00	2,098.00
WEIR	2,098.00	2,098.00	2,343.00	2,343.00
GANTZ	2,343.00	2,343.00	2,439.00	2,439.00
50F	2,439.00	2,439.00	2,627.00	2,627.00
GORDON	2,627.00	2,627.00	2,864.00	2,864.00
5TH	2,864.00	2,864.00	2,906.00	2,906.00
BAYARD	2,906.00	2,906.00	3,219.00	3,219.00
WARREN	3,219.00	3,219.00	3,294.00	3,294.00
SPEECHLEY	3,294.00	3,294.00	3,827.00	3,827.00
BALLTOWN A	3,827.00	3,827.00	3,969.00	3,969.00
BALLTOWN B	3,969.00	3,969.00	4,164.00	4,163.90
BRADFORD	4,164.00	4,163.90	4,746.00	4,745.70
RILEY	4,746.00	4,745.70	4,829.00	4,828.70
BENSON	4,829.00	4,828.70	5,071.00	5,070.50
ALEXANDER	5,071.00	5,070.50	5,776.00	5,660.30
RHINESTREET	5,776.00	5,660.30	6,473.00	6,202.30
SONYEA	6,473.00	6,202.30	6,654.00	6,332.90
MIDDLESEX	6,654.00	6,332.90	6,722.00	6,378.40
GENESEE	6,722.00	6,378.40	6,845.00	6,450.30
GENESEO	6,845.00	6,450.30	6,929.00	6,490.70
TULLY	6,929.00	6,490.70	6,983.00	6,511.70
HAMILTON	6,983.00	6,511.70	7,003.00	6,518.40
MARCELLUS	7,003.00	6,518.40		

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Job Start Date:	11/24/2015
Job End Date:	11/29/2015
State:	West Virginia
County:	Doddridge
API Number:	47-017-06715-00-00
Operator Name:	EQT Production
Well Name and Number:	515970
Longitude:	-80.81778100
Latitude:	39.18998800
Datum:	NAD83
Federal/Tridal Well:	NC
True Vertical Depth:	6,518
Total Base Water Volume (gal):	4,882,248
Total Base Non Water Volume:	0

Hydraulic Fracturing Fluid Product Component Information Disclosure

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	F-TS International	Carrier/Base Fluid	Water	7732-18-5	100.00000	90.26985	None
Sand (Proppant)	F-TS International	Proppant	Silica Substrate	14808-60-7	100.00000	9.33507	None
MC MX 437-5	Multi-Chem Group LLC	Calcium nitrate solution	Calcium nitrate	10124-37-5	60.00000	0.05745	None
Hydrochloric Acid (15%)	F-TS International	Acidizing	Hydrochloric Acid	7647-01-0	15.00000	0.03116	None
FRW-900	F-TS International	Friction reducer	Hydrotreated light distillate	64742-47-8	30.00000	0.01749	None
			Alkyl alcohol	Proprietary	10.00000	0.00583	None
			Oxyalkylated alcohol A	Proprietary	5.00000	0.00291	None
HVG-1.4.0	F-TS International	Water gelling agent	Raffinates, sorption process	64741-85-1	55.00000	0.00301	None
			Guar gum	9000-30-0	50.00000	0.00274	None
			Quartz	14808-60-7	4.00000	0.00022	None
			Isotridecanol, ethoxylated	9043-30-5	2.00000	0.00011	None
CS-500-SI	F-TS International	Scale inhibitor					

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Chemical Disclosure Registry




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FE-100L	FTS International	Iron control	Ethylene glycol	107-21-1	10.00000	0.00000	None
			Citric acid	77-92-9	10.00000	0.00000	None
CI-150	FTS International	Acid corrosion inhibitor	Isopropanol	57-83-0	50.00000	0.00012	None
			Organic amine resin salt	Proprietary	30.00000	0.00000	None
			Ethylene glycol	107-21-1	30.00000	0.00000	None
			Quaternary ammonium compound	Proprietary	10.00000	0.00000	None
			Aromatic aldehyde	Proprietary	10.00000	0.00000	None
			Dimethylformamide	58-12-2	10.00000	0.00000	None
NE-100	FTS International	Non-enzulfier	Methanol	57-56-1	15.00000	0.00000	None
			2-Butoxyethanol	111-76-2	10.00000	0.00000	None
			2-Propanol	57-63-0	10.00000	0.00000	None
			Dodecylbenzenesulfonic acid	27176-87-0	5.00000	0.00000	None
APB-1	FTS International	Gel braaker	Ammonium persulfate	7727-54-0	95.00000	0.00000	None

Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided. Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS).

515970-47-017-06715-0000 - Stimulated Stages

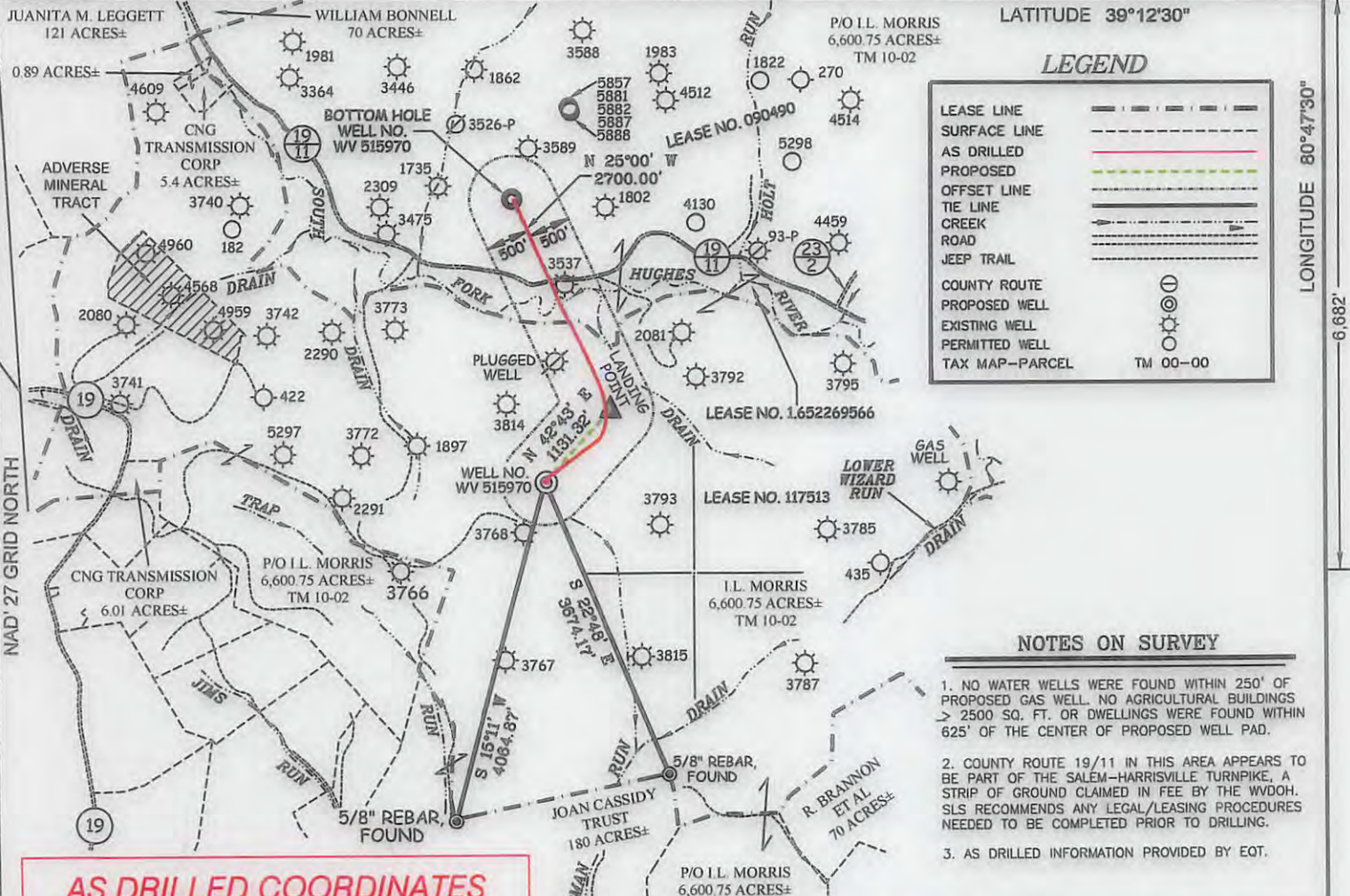
Stage Number	Stimulation Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
Initiation Sleeve	11/24/2015	12.7	7,420	8,847	5,295	0	964	0
1	11/25/2015	94.4	8,583	8,767	3,507	250804	6,763	0
2	11/25/2015	100.1	8,511	8,749	5,159	250447	6,266	0
3	11/25/2015	98.4	8,317	8,709	4,601	79,551.00	3,946	0
3.01	11/26/2015	15.5	5,737	6,920	0	0.00	3,186	0
3.1	11/26/2015	95.4	8,316	9,451	0	168,901.00	3,637	0
3.02	11/26/2015	8.3	5,435	7,031	5,409	0.00	2,898	0
4	11/26/2015	97.9	8,195	8,711	7,006	216,662.00	7,703	0
5.01	11/27/2015	0	5,641	6,090	5,104	0.00	2,775	0
5	11/27/2015	100.4	7,832	8,203	4,113	250,158.00	6,105	0
6	11/27/2015	98.5	8,201	8,668	3,437	251,023.00	6,434	0
7	11/27/2015	99.7	7,661	8,171	3,802	249,609.00	6,032	0
8	11/28/2015	100.1	7,560	7,812	3,353	250,932.00	5,972	0
9	11/28/2015	90	8,026	9,071	3,986	250,313.00	7,047	0
10	11/28/2015	100	7,808	8,419	3,969	250,415.00	5,779	0
11	11/28/2015	99.4	8,003	8,961	4,279	250,982.00	5,648	0
12	11/28/2015	100.8	7,645	8,192	4,252	251,376.00	5,991	0
13	11/28/2015	98.6	7,760	8,407	4,198	251,412.00	5,924	0
14	11/29/2015	100.9	7,723	9,072	5,512	251,065.00	5,896	0
15	11/29/2015	100.4	7,565	8,262	5,270	251,425.00	6,151	0
16	11/29/2015	102.8	7,772	8,430	4,345	250,416.00	5,694	0
17	11/29/2015	100.9	7,913	8,939	3,656	237,795.00	5,433	0

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515970- 47-017-06715-0000 - Perforations

Stage Number	Perforation Date	Top Perf Depth (ftKB)	Bottom Perf Depth (ftKB)	Number of Shots	Formation
Initiation Sleeve	10/27/2015	9,639	9,640	10	MARCELLUS
1	11/25/2015	9,507	9,599	32	MARCELLUS
2	11/25/2015	9,357	9,499	40	MARCELLUS
3	11/25/2015	9,207	9,327	40	MARCELLUS
4	11/26/2015	9,057	9,177	40	MARCELLUS
5	11/27/2015	8,907	9,029	40	MARCELLUS
6	11/27/2015	8,757	8,879	40	MARCELLUS
7	11/27/2015	8,607	8,729	40	MARCELLUS
8	11/28/2015	8,457	8,579	40	MARCELLUS
9	11/28/2015	8,307	8,427	32	MARCELLUS
10	11/28/2015	8,157	8,279	40	MARCELLUS
11	11/28/2015	8,007	8,129	40	MARCELLUS
12	11/28/2015	7,857	7,979	40	MARCELLUS
13	11/28/2015	7,707	7,829	40	MARCELLUS
14	11/29/2015	7,557	7,679	40	MARCELLUS
15	11/29/2015	7,407	7,529	40	MARCELLUS
16	11/29/2015	7,263	7,379	40	MARCELLUS
17	11/29/2015	7,107	7,229	40	MARCELLUS

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LATITUDE 39°12'30"

LONGITUDE 80°47'30"

LEGEND

LEASE LINE	---
SURFACE LINE	----
AS DRILLED	---
PROPOSED	---
OFFSET LINE	---
TIE LINE	---
CREEK	---
ROAD	---
JEEP TRAIL	---
COUNTY ROUTE	---
PROPOSED WELL	⊙
EXISTING WELL	⊙
PERMITTED WELL	⊙
TAX MAP-PARCEL	TM 00-00

NOTES ON SURVEY

1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS > 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
2. COUNTY ROUTE 19/11 IN THIS AREA APPEARS TO BE PART OF THE SALEM-HARRISVILLE TURNPIKE, A STRIP OF GROUND CLAIMED IN FEE BY THE WVDH. SLS RECOMMENDS ANY LEGAL/LEASING PROCEDURES NEEDED TO BE COMPLETED PRIOR TO DRILLING.
3. AS DRILLED INFORMATION PROVIDED BY EOT.

AS DRILLED COORDINATES FOR WELL NO. WV 515970

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
 NAD'27 S.P.C.(FT) N. 254,047.1 E. 1,626,496.6
 NAD'27 GEO. LAT-(N) 39.189988 LONG-(W) 80.817781
 NAD'83 UTM (M) N. 4,337,885.3 E. 515,751.3

BOTTOM HOLE
 NAD'27 S.P.C.(FT) N. 257,325.3 E. 1,626,136.4
 NAD'27 GEO. LAT-(N) 39.198973 LONG-(W) 80.819221
 NAD'83 UTM (M) N. 4,338,882.2 E. 515,624.9

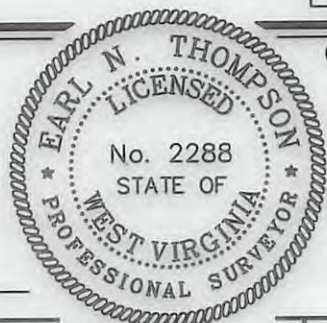
**EQT PRODUCTION COMPANY
 EAE/MAXWELL LEASE
 1,891 ACRES±
 WELL NO. WV 515970
 (OXF-153 H7)**

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
 NAD'27 S.P.C.(FT) N. 254,047.1 E. 1,626,496.6
 NAD'27 GEO. LAT-(N) 39.189988 LONG-(W) 80.817781
 NAD'83 UTM (M) N. 4,337,885.3 E. 515,751.3

LANDING POINT
 NAD'27 S.P.C.(FT) N. 254,878.4 E. 1,627,264.0
 NAD'27 GEO. LAT-(N) 39.192301 LONG-(W) 80.815116
 NAD'83 UTM (M) N. 4,338,142.5 E. 515,980.9

BOTTOM HOLE
 NAD'27 S.P.C.(FT) N. 257,325.4 E. 1,626,122.9
 NAD'27 GEO. LAT-(N) 39.198973 LONG-(W) 80.819269
 NAD'83 UTM (M) N. 4,338,882.1 E. 515,620.8

ROYALTY OWNERS		
W.B.M. HEIRS PROPERTIES, LLC	400 AC.±	LEASE NO. 1.652269566
W.B.M. HEIRS PROPERTIES, LLC	2400 AC.±	LEASE NO. 090490



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 THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 2288 *Earl N. Thompson*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE DECEMBER 1, 20 14
 REVISED 12/29/14 & 10/14/15
 OPERATORS WELL NO. WV 515970
 API WELL NO. 47 - 017 - 06715
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 7310ASDRILLED515970
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 2000'

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

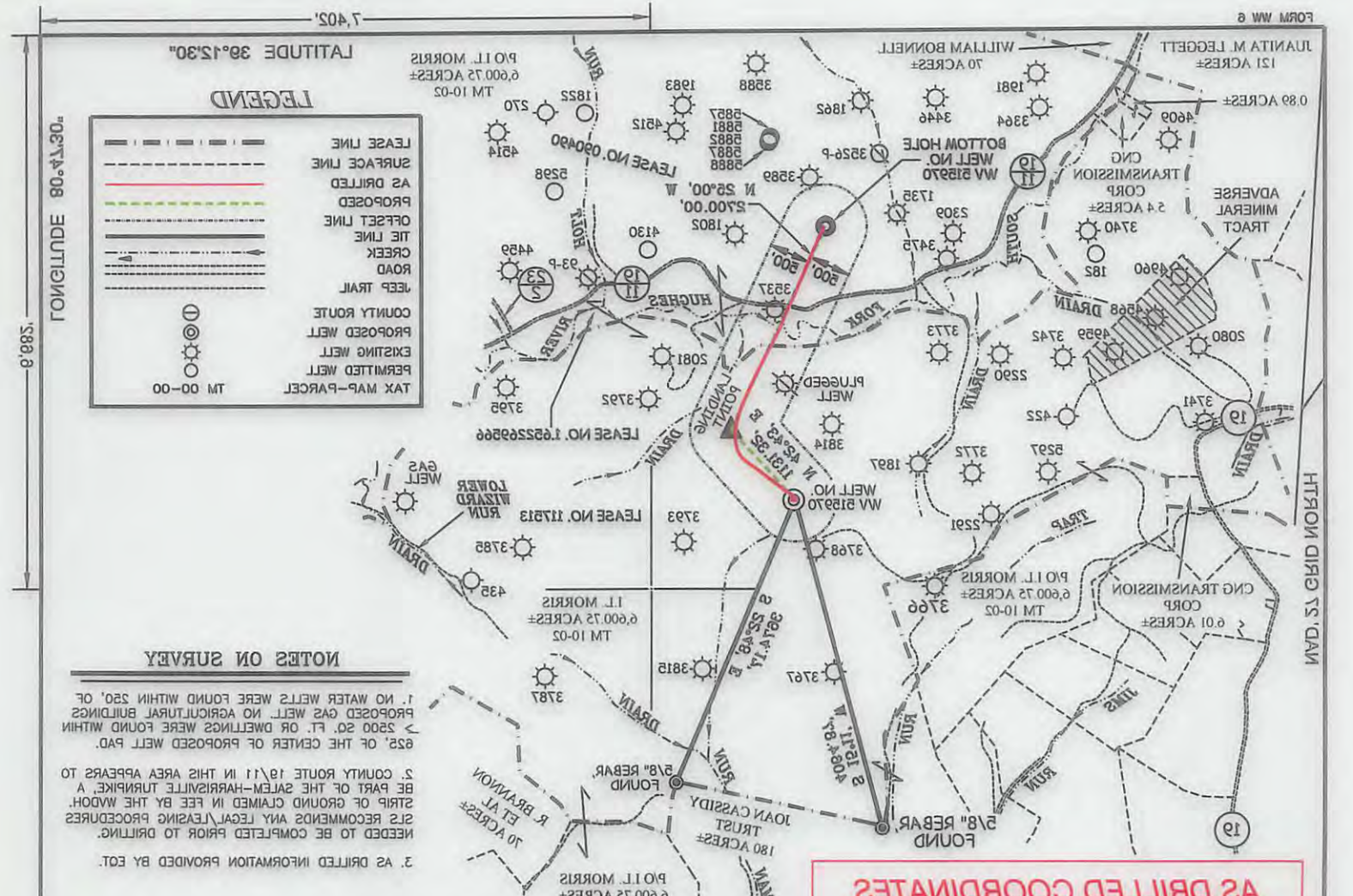
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION:
 ELEVATION 1139'(GROUND)1141'(PROPOSED) WATERSHED CHAPMAN RUN OF SOUTH FORK HUGHES RIVER
 DISTRICT SOUTHWEST COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5'

SURFACE OWNER I.L. MORRIS ACREAGE 6,600.75±
 ROYALTY OWNER W.B.M. HEIRS PROPERTIES, LLC ACREAGE 1,891±
 PROPOSED WORK: LEASE NO. 117513
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
 ESTIMATED DEPTH TVD 6,532'

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

COUNTY NAME PERMIT



NOTES ON SURVEY

- 1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS < 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 825' OF THE CENTER OF PROPOSED WELL PAD.
- 2. AS DRILLED INFORMATION PROVIDED BY EQT.
- 3. COUNTY ROUTE 1911 IN THIS AREA APPEARS TO BE PART OF THE SALEM-HARRISVILLE TURNPIKE. A STRIP OF GROUND CLAIMED IN FEE BY THE WDOH. 212.2 RECOMMENDS ANY LEGAL LEASING PROCEDURES BE COMPLETED PRIOR TO DRILLING.

**EQT PRODUCTION COMPANY
EQT MAXWELL LEASE
1,891 ACRES ±
WELL NO. W-51520
(OXF-153 H7)
(2 P.C. NORTH ZONE) (UTM) ZONE 17 NORTH)**

NAD83 UTM (M) N. 438,882.3 E. 212,751.3
NAD27 GEO. LAT-(N) 39.189888 LONG-(W) 80.817781
NAD27 S.P.C.(FT) N. 254,047.1 E. 1,628,488.8

BOTTOM HOLE

NAD83 UTM (M) N. 438,882.3 E. 212,751.3
NAD27 GEO. LAT-(N) 39.189873 LONG-(W) 80.818222
NAD27 S.P.C.(FT) N. 257,325.3 E. 1,628,138.4

LANDING POINT

NAD83 UTM (M) N. 437,882.3 E. 212,751.3
NAD27 S.P.C.(FT) N. 254,878.4 E. 1,627,284.0
NAD27 GEO. LAT-(N) 39.182301 LONG-(W) 80.812118

**AS DRILLED COORDINATES
FOR WELL NO. W-51520
(2 P.C. NORTH ZONE) (UTM) ZONE 17 NORTH)**

NAD83 UTM (M) N. 438,882.3 E. 212,751.3
NAD27 GEO. LAT-(N) 39.189888 LONG-(W) 80.817781
NAD27 S.P.C.(FT) N. 254,047.1 E. 1,628,488.8

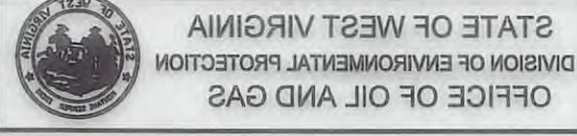
W.B.M. HEIRS PROPERTIES, LLC	400 AC ±	LEASE NO. 182528888
W.B.M. HEIRS PROPERTIES, LLC	2400 AC ±	LEASE NO. 080480



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



DATE _____ 20 14
REVISED _____
OPERATORS WELL NO. _____ W-51520
NO. _____
WELL _____
STATE _____
COUNTY _____
PERMIT _____



WELL OPERATOR EQT PRODUCTION COMPANY
DESIGNATED AGENT REX C. RAY
ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

ROYALTY OWNER W.B.M. HEIRS PROPERTIES, LLC
SURFACE OWNER I.L. MORRIS
DISTRICT SOUTHWEST
COUNTY DODDRIDGE
ELEVATION 1130 (GROUND) 141 (PROPOSED)
WATERSHED CHAPMAN RUN OF SOUTH FORK HUGHES RIVER

WELL TYPE: OIL _____ GAS INJECTION _____ LIQUID _____
WASTE DISPOSAL _____
CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORN NETWORK)
SCALE 1" = 2000'
FILE NO. 131082DRILLD21520

PROPOSED WORK:
DRILL CONVERT _____
PERFORATE NEW FORMATION _____
FRACURE OR STIMULATE PLUG AND ABANDON _____
CLEAN OUT AND REPLUG _____ OTHER _____
ESTIMATED DEPTH _____
TARGET FORMATION MARCELLUS
DESIGNED AGENT REX C. RAY