



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Tuesday, June 12, 2018
PERMIT MODIFICATION APPROVAL
Horizontal 6A / Horizontal 6A Well - 1

EQT PRODUCTION COMPANY
625 LIBERTY AVE., SUITE 1700

PITTSBURGH, PA 15222

Re: Permit Modification Approval for 516230
47-017-06741-00-00

Modified the landing point

EQT PRODUCTION COMPANY

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

A handwritten signature in blue ink, appearing to read 'James A. Martin', is written over the typed name and title.

Operator's Well Number: 516230
Farm Name: FRANKLIN MAXWELL HEIRS L. P.
U.S. WELL NUMBER: 47-017-06741-00-00
Horizontal 6A Horizontal 6A Well - 1
Date Modification Issued: June 12, 2018

Promoting a healthy environment.



47-017-06741
MOD

September 26, 2017

Laura Adkins
West Virginia Department of Environmental Protection
601 57th Street SE
Charleston, WV 25304

Re: Modification of 47-017-06741

Dear Ms. Adkins,

Attached is a modification for the above API number. The landing point was adjusted.

If you have any questions, please do not hesitate to contact me at (304) 848-0076.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Vicki Roark'.

Vicki Roark
Regional Land Supervisor

Enc.

RECEIVED
Office of Oil and Gas

SEP 27 2017

WV Department of
Environmental Protection

12,092' LATITUDE: 39°10'00" TH

9,875' LATITUDE: 39°10'00" BH

H22 - WV 516230
OXF43
EQT Production Company

NO.	ADJACENT OWNER
4	MORRIS I L IKE
7	HUFF WILLIAM LEE
8	JAMES H & JENNIE FOSTER
10	TERRY E LEESON
11	BROOKS D YEATER
15	JERRY L HOSAFLOOK & WILLIAM J SHINGLETON
16	ARMSTRONG TELEPHONE CO.

NO.	SURFACE OWNER
1	CHARLES R & EVELYN GREATHOUSE GAPN
2	JAMES P GREATHOUSE
3	CATHY JEAN WETZEL ETAL
5	HUFF RANDY E DECEDENT'S
6	MANSFIELD LEESON
12	HUFF FAMILY TRUST
13	COASTAL FOREST RESOURCES CO
14	BETTY M. RYAN
39	WILMA LEE LEESON

WV 516230 Well Point Coordinates

Top Hole Coordinates		
NAD 27 S.P.C. (Ft.)	N: 241,933.047	E: 1,633,399.442
NAD 27 GEO	LAT: 39.157006	LONG: 80.792815
NAD 83 UTM 17N (M)	N 4,334,230.0	E: 517,915.8
NAD 83 S.P.C. (Ft.)	N 241,968.4	E: 1,601,958.6

Landing Point Coordinates		
NAD 27 S.P.C. (Ft.)	N: 241,933.061	E: 1,632,786.707
NAD 27 GEO	LAT: 39.157740	LONG: 80.794953
NAD 83 UTM 17N (M)	N 4,334,104.4	E: 517,726.4
NAD 83 S.P.C. (Ft.)	N 241,528.4	E: 1,601,345.9

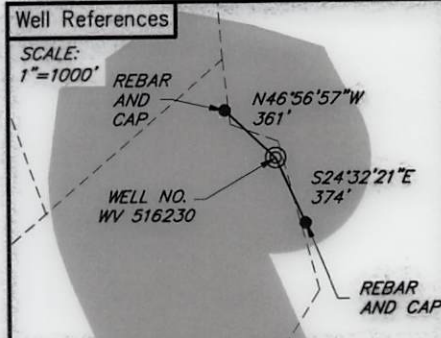
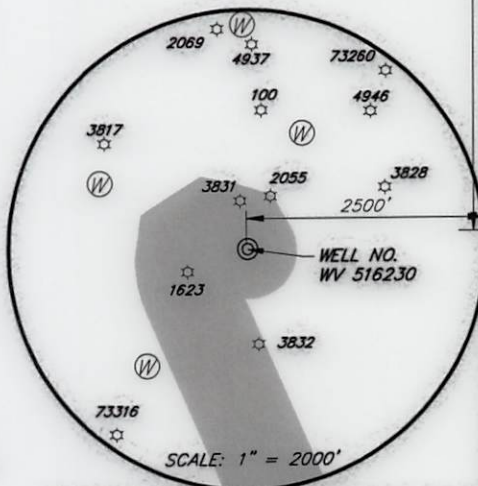
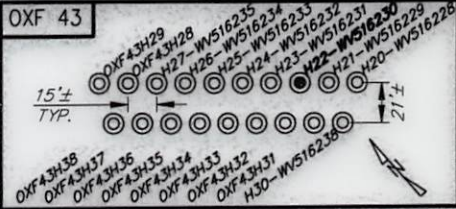
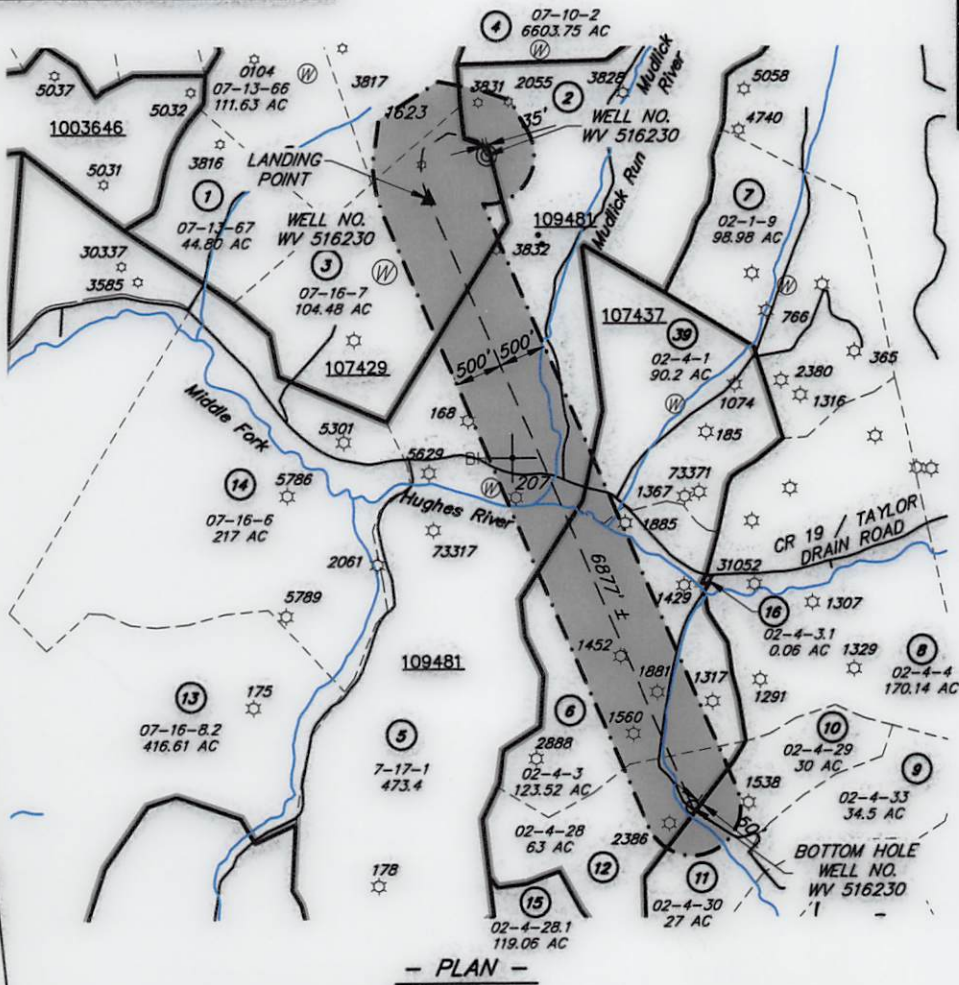
Bottom Hole Coordinates		
NAD 27 S.P.C. (Ft.)	N: 235,183.410	E: 1,635,521.830
NAD 27 GEO	LAT: 39.138560	LONG: 80.784991
NAD 83 UTM 17N (M)	N 4,332,184.5	E: 518,596.7
NAD 83 S.P.C. (Ft.)	N 235,218.8	E: 1,604,081.1

LEGEND

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

Lease No.	Acres	Owner
109481	2,000	Adele McDougal, et al
107437	277	Mansfield Leeson et al

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.



GRID NORTH
NAD 83

10,206' LONGITUDE: 80°45'00" BH
3,487' LONGITUDE: 80°45'00" TH

(+) 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 AUGUST 25, 20 17
OPERATORS WELL NO. WV 516230
API WELL NO. 47
STATE 017 COUNTY 06741 PERMIT mod

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION, ELEVATION: 1254' (Ground) 1229' (Prop.) WATERSHED: Middle Fork Hughes River QUADRANGLE: OXFORD
DISTRICT: SOUTH WEST / COVE COUNTY: DODDRIDGE
SURFACE OWNER: Cathy Wetzel 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: 6631'

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Rex. C. Ray
ADDRESS: 115 Professional Pl. P.O. Box 280 ADDRESS: 115 Professional Pl. P.O. Box 280
Bridgeport, WV 26330 Bridgeport, WV 26330

WWW.ENCOMPASSSERVICES.COM PLOT DATE: 8/25/2017 CAD FILE: OXF 43 WELL PLAT-2017-08-25.DWG