



west virginia department of environmental protection

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

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

May 20, 2016

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-3302935, issued to EQT PRODUCTION COMPANY, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: E-955
Farm Name: BRAMER, RALPH W.
API Well Number: 47-3302935
Permit Type: Plugging
Date Issued: 05/20/2016

Promoting a healthy environment.

05/20/2016

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. This well is under a consent order and must be plugged under the terms of that agreement.

CK # 20492
SW

3302935P

Form WW-4 (B)
Permit Copy
(Rev 2/01)

Date: April 12, 2016
Operator's Well
Well No. 149371 (Bramer #3 E-955)
API Well No.: 47 033 - 02935

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

- 4) Well Type: Oil Gas X Liquid Injection Waste Disposal:
If Gas, Production X Or Underground storage Deep Shallow X
- 5) Elevation: 1239 ft. Watershed: Smith Run
Location: Sardis County: Harrison Quadrangle: Wolf Summit 7.5'
District:
- 6) Well Operator EQT Production Company
Address: 120 Professional Place
Bridgeport, WV 26330
- 7) Designated Agent: Rex C. Ray
Address: 120 Professional Place
Bridgeport, WV 26330
- 8) Oil & Gas Sam Ward
Name: P. O. Box 2327
Address: Buckhannon, WV 26201
- 9) Plugging Contractor:
Name: HydroCarbon Well Service
Address: PO BOX 995
Buckhannon, WV 26201

10) Work Order: The work order for the manner of plugging this well is as follows:
See Attachment for details and procedures.

OFFICE USE ONLY

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector [Signature] Date 5/12/2016

05/20/2016

PLUGGING PROGNOSIS

R.W.Bramer#E955
 149371
 District, Sardis
 Harrison, WV
 API # 47-033-02935

BY: R. Green
 DATE: 12/1/15

CURRENT STATUS:

Elevation @ 1230'
 TD @ 3150'
 8 5/8" csg @ 2692'
 4 1/2" csg @ 2988'
 Perforations @ 2497' to 2576' (11 holes), & 2702' to 2718', (13 holes)

Freshwater, @ 35', 70' & 925'
 Saltwater @ 1230'
 Gas shows @ none reported
 Oil shows @ none reported
 Coal @ 510' & 540'

1. Notify State Inspector, Sam Ward, 304-389-7583, 48 hours prior to commencing operations.
2. Check TD. REMOVE 1 1/2" TUBING IF PRESENT. SPOT GEL.
3. TIH tbg to 2750', set 400' C1A cement plug 2750' to 2350' (Perforations @ 2497, & 2702', 8 5/8" casing seat).
4. TOOH tbg to 2350', gel hole 2350' to 1600' TOOH tbg.
5. Free point 4 1/2" casing, cut casing at free point (EST@1500'). TOOH casing.
6. Set 100' C1A cement plug 50' in/out of casing cut. Perforate all freshwater, saltwater, coal, oil and gas shows below cut. Do not omit any plugs.
7. TOOH tbg to top of casing cut plug, gel hole from plug to 1300'.
8. TOOH tbg to 1300', set 200' C1A cement plug 1300' to 1100'. (Saltwater, and elevation @ 1230')
9. TOOH tbg to 1100', gel hole 1100' to 950'.
10. TOOH tbg to 950', set 100' C1A cement plug 950' to 850'. (Freshwater @ 925').
11. TOOH tbg to 850', gel hole 850' to 650'.
12. TOOH tbg to 650' set 200' C1A cement plug 650' to 450'.
13. TOOH tbg to 450', gel hole 450' to 250'.
14. TOOH tbg to 250', set 250' C1A cement plug 250' to surface. (Freshwater @ 35' & 70')

SDW
 5/12/2016

05/20/2016

15. Erect monument with API#, date plugged, company name and company 6 digit ID #.
16. Reclaim location and road to WV-DEP specifications.

RECEIVED

JAN 13 1984

OIL & GAS DIVISION
DEPT. OF MINES



IV-35
(Rev 8-81)

Date January 9, 1984
Operator's
Well No. E-955
Farm Bramer #3
API No. 47 -033 - 2935

RECEIVED

JAN 30 1984

OIL & GAS DIVISION
DEPT. OF MINES
WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

State of West Virginia
Department of Mines
Oil and Gas Division

149371

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal
(If "Gas," Production / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 1230' Watershed Little Rock Camp Run
District: Sardis County Harrison Quadrangle Wolf Summit

COMPANY Ensorce Inc.
ADDRESS P. O. Drawer 1738, Clarksburg, WV 26301
DESIGNATED AGENT Michael W. Nugen
ADDRESS Same
SURFACE OWNER Ralph W. Bramer
ADDRESS Route 1, Box 150, Wallace, WV 26448
MINERAL RIGHTS OWNER Same
ADDRESS _____
OIL AND GAS INSPECTOR FOR THIS WORK Stephen Casey
ADDRESS Rt 2, Box 232-D Jane Lew, WV 26378
PERMIT ISSUED September 29, 1983
DRILLING COMMENCED 11/09/83
DRILLING COMPLETED 11/16/83
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON _____

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	2692'	2692'	345 sks
7			
5 1/2			
4 1/2	2988'	2988'	155 sks
3			
2 1/2	----	2683'	----
Liners used			

GEOLOGICAL TARGET FORMATION Fifth Sand Depth 2995 feet
Depth of completed well 2995 feet Rotary / Cable Tools _____
Water strata depth: Fresh 50 feet; Salt 1230 feet
Coal seam depths: N/A Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Gordon Pay zone depth 2490-2730 feet
Gas: Initial open flow TSTN Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 211 Mcf/d Final open flow 2 Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 400 psig (surface measurement) after 4 hours shut in
(If applicable due to multiple completion--)

Second producing formation _____ Pay zone depth _____ feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure _____ psig (surface measurement) after _____ hours shut in

Received
Office of Oil & Gas
APR 18 2016

HARR 2535

FORM IV-35
(REVERSE)

HAR-2935

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Perf Gordon 2718-2702 (13) holes. Foam frac 1st Stage, pump 167 foam pad, 338 bbl SL foam, 30,000# 20/40 sand, 10,000# 10/20 Sand, 495,000 SCF into. AIP - 3400 psi, AIR - 15 BPM downhole, ISIP 3400 psi.

Perf w/select fire gun 2576-2497 (11) holes. Stimulate with 500 gal 15% acid w/ 3 3/4" frac ball to BD 2nd Stage. Breakdown 3000 psi, pump 45 bbl pad at 3900 psi, started 20/40 sand at (1) PPG concentration. Pmp 55 bbl sand laden fluid, pmp rate decreased to 3 BPM at 4000 psi w/17 bbls-714 lbs 20/40 sand in formation. SD flow well back attempt to pump pad into formation. Pmp 45 bbls rat 3-5 BPM at 4000 psi, SD pumps.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Clay-Sand	(Soft)		0	35	2" Stream Fresh Water @ 35'
Sandstone	(Hard)		35	43	
Sandstone	(Hard)		43	55	
Shale	(Soft)		55	70	2" Stream Fresh Water
Sandstone			70	135	
Sandy Shale			135	175	
Sandstone			175	230	
Sandy Shale			230	255	
Sandstone			255	445	
Sandy Shale			445	510	
Coal - Black			510	514	
Sandy Shale			514	540	
Coal - Black			540	543	
Shale			543	925	4" Stream Fresh Water
Sandy Shale			925	1080	
Sandy Shale			1080	1457	
Sand & Shale			1457	1580	
Sand & Shale			1580	1687	
Sandy Shale			1687	1787	
Sandy Shale			1787	1801	
Sandy Shale - Gray - (Soft)			1801	1930	
Lime (Hard)			1930	2016	
Sandy - Gray - (Med. Hard)			2016	2092	
Sand			2092	2197	
Sand & Shale - Gray - (Med. Hard)			2197	2237	
Shale - Gray - (Soft)			2237	2247	
Sand & Shale - Gray (Med. Hard)			2247	2259	
Shale - Gray (Soft)			2259	2382	
Sand & Shale			2382	2405	
Shale - Gray - (Soft)			2405	2466	
Shale - Dk. Gray - (Soft)			2466	2490	
Sand - White - (Hard)			2490	2490	
Sand & Shale - Gray & White - (Med. Hard)			2490	2507	
Shale - Gray - (Soft)			2507	2596	
Sand - Light - (Hard)			2596	2741	
Shale - Gray - (Soft)			2741	2890	

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Office of Oil & Gas
APR 18 2016

SEE ATTACHMENT
(Attach separate sheets as necessary)

Ensource Inc.

Well Operator

By: Michael W. Auger

Date: January 9, 1984

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

05/20/2016

FOAM IV-35
(REVERSE)

HAR-2935

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
(Continued)					
Sand			2890	2897	T.D.
Sand Shale - Gray			2897	2910	
Sand			2910	2996	
Sand			2996	3012	
Shale - Gray			3012	3150	
Sand Shale					
Geological Formations:					
Big Lime			1880	2020	
Injun			2050	2060	
50 ft			2490	2530	
30 ft			2560	2580	
Gordon			2650	2750	
Fifth Sand			2785	2798	

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APR 18 2016

HAR 2935

(Attach separate sheets as necessary)

Ensourage Inc.

Well Operator

By:

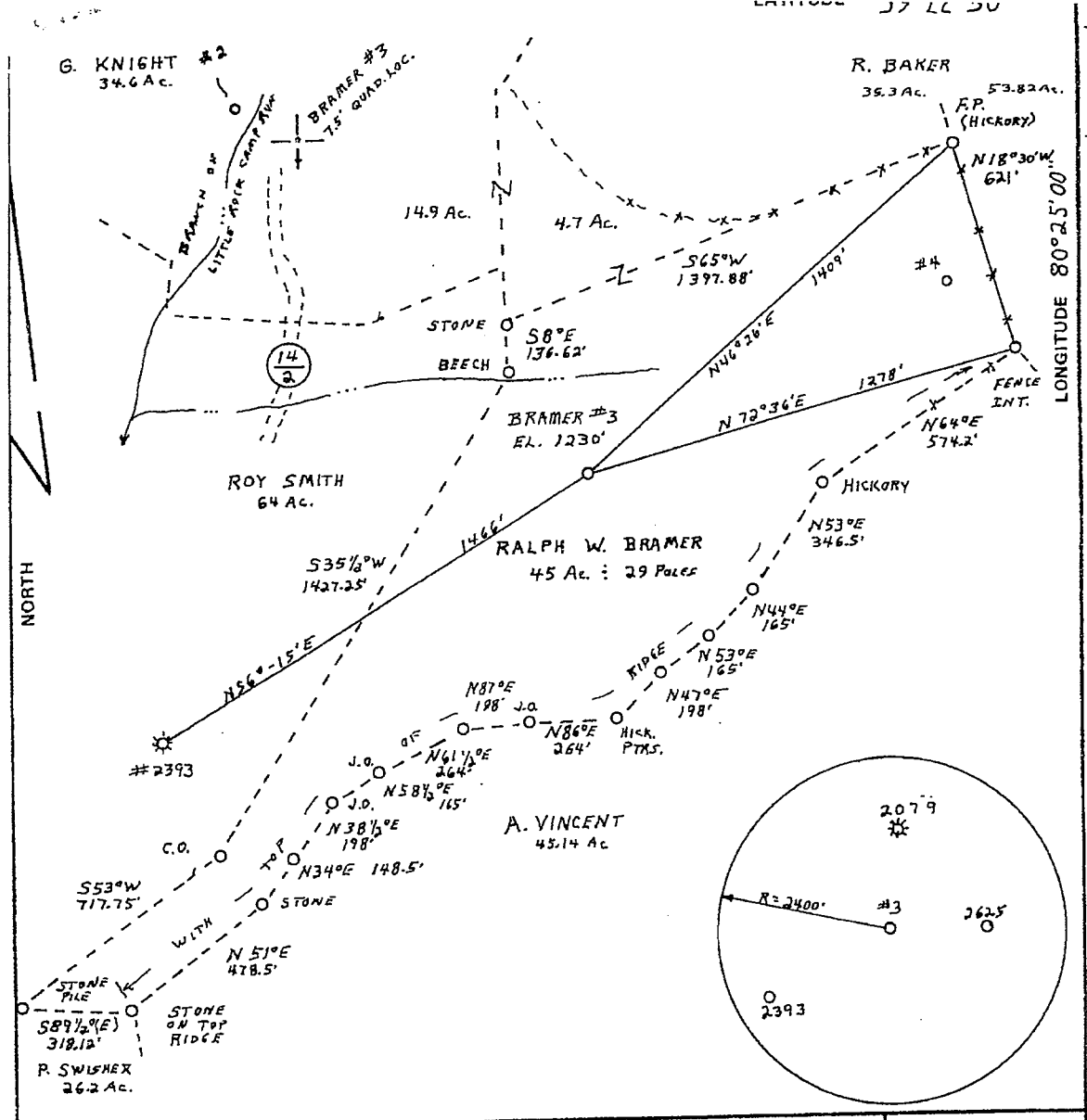
Date: January 9, 1984

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including sand, encountered in the drilling of a well."

05/20/2016

3302935P

LATITUDE 37 26 20



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION 1019 @ INT
 ROUTES 14/1 : 14

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 DEPARTMENT OF MINES.
 (SIGNED) Burl J. Smith
 R.P.E. 6988 L.I.S. _____

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE FEBRUARY 2, 1983
 OPERATOR'S WELL NO. BRAMER #3
 API WELL NO. 47 - 033 - 2935
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 1230' WATER SHED LITTLE ROCK CAMP RUN
 DISTRICT SARDIS COUNTY HARRISON
 QUADRANGLE WOLF SUMMIT
 SURFACE OWNER RALPH W. BRAMER ACREAGE 45 Ac. 29 P.
 OIL & GAS ROYALTY OWNER RALPH W. BRAMER LEASE ACREAGE _____
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

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 Office of Oil & Gas
 APR 18 2016

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION FIFTH SAND ESTIMATED DEPTH 3100'
 WELL OPERATOR ENSOURCE INC. DESIGNATED AGENT MIKE NUGEN
 ADDRESS P.O. DRAWER 1739 ADDRESS P.O. DRAWER 1738

05/20/2016

FILED 3302935

1) Date: April 12, 2016
2) Operator's Well Number
149371 (Bramer #3 E-955)
3) API Well No.: 47 033 - 02935
State County Permit

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS
NOTICE AND APPLICATION TO PLUG AND ABANDON WELL

4) Surface Owner(s) to be served:	5) (a) Coal Operator:
(a) Name <u>James S. Raines</u>	Name <u>None</u>
Address <u>P. O. Box 466</u>	Address _____
<u>Lumberport, WV 26386</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>None</u>
_____	Address _____
_____	_____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Sam Ward</u>	(c) Coal Lessee with Declaration
Address <u>P. O. Box 2327</u>	Name <u>None</u>
<u>Buckhannon, WV 26201</u>	Address _____
Telephone <u>(304) 389-7583</u>	_____
_____	_____

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

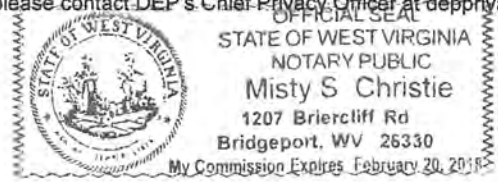
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
 - (2) The plat (surveyor's map) showing the well location on Form WW-6.
- The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Division of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator:	<u>EQT Production Company</u>
By:	<u>Victoria J. Roark</u>
Its:	<u>Permitting Supervisor</u>
Address:	<u>PO Box 280</u>
	<u>Bridgeport, WV 26330</u>
Telephone:	<u>(304) 848-0076</u>

Subscribed and sworn before me this 12th day of April, 2016
Misty S. Christie Notary Public
My Commission Expires: 2/20/18

The Office of Oil & Gas processes your personal information, such as name, address and phone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.



APR 18 2016

05/20/2016

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS
CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name: EQT PRODUCTION COMPANY OP ID: _____

Watershed: Smith Run Quadrangle: Wolf Summit 7.5'

Elevation: 1239 ft. County: Harrison District: Sardis

Description of anticipated Pit Waste: Formation Fluids

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes ___ No X

Will synthetic liner be used in the pit? Yes Is so, what ml.? 10 ml

Proposed Disposal Method for Treated Pit Wastes:

- Land Application
 - Underground Injection - UIC Permit Number _____
 - Reuse (at API Number) - Various _____
 - Offsite Disposal Permit #. See attached. _____
 - Other: Explain _____
- SPDW*
5/12/2016

Drilling medium anticipated for this well? Air, freshwater, oil based, etc. _____

If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used? _____

Will closed loop system be used? _____

Drill Cuttings disposal method? Leave in pit, landfill, remove offsite, etc. _____

If left in pit and plan to solidify what medium will be used? Cement, Lime, sawdust _____

Landfill or offsite name/permit number? _____

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Division of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any terms or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature *Victoria Roark*

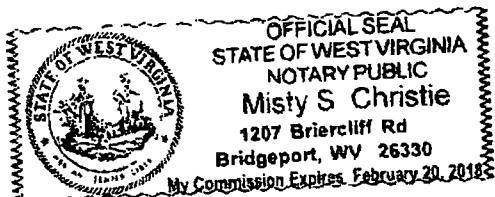
Company Official (Typed or Printed) Victoria Roark

Company Official Title Permitting Supervisor-WV

Subscribed and sworn before me this 2nd day of May, 2016

Misty S. Christie Notary Public

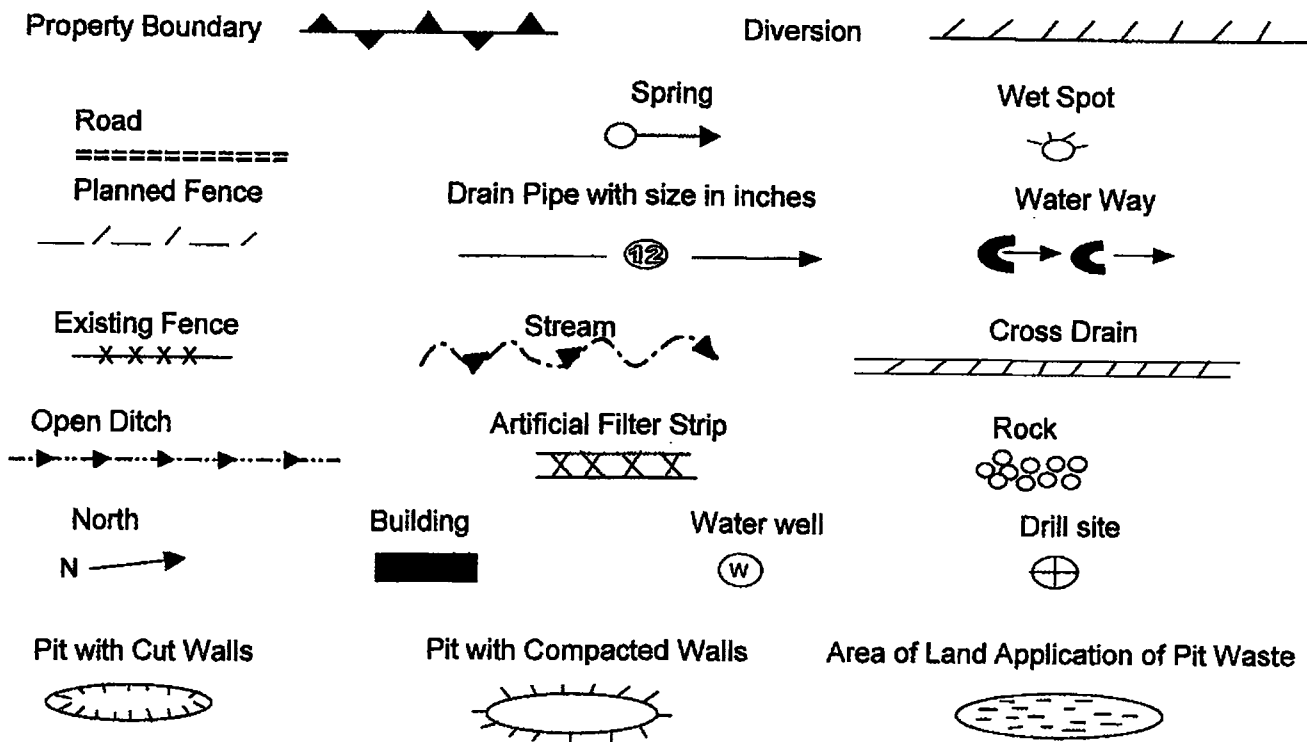
My Commission Expires 2/20/18



05/20/2016

OPERATOR'S WELL NO.:
149371 (Bramer #3 E-955)

LEGEND



Proposed Revegetation Treatment: Acres Disturbed: 1± Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20) or equivalent 1/3 ton lbs/acre (500 lbs minimum)

Mulch 2 Tons/acre or hydroseed.

SEED MIXTURES

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike Clover	5	Alsike Clover	5
Annual Rye	15		

ATTACH:

Drawing(s) of road, location, pit and proposed area for land application.

Photocopies section of involved 7.5' topographic sheet.

Plan approved by: S. J. Dwan, III

Comments: _____

Title: OCGI Inspector Date: 5/12/2016

Field Reviewed? Yes No



May 4, 2016

Mr. Jeff McLaughlin
West Virginia Department of Environmental Protection
Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304

Re: Revision of 47-033-02935

Dear Mr. McLaughlin,

Enclosed is an updated WW-9 for the above API number. The disposal method was updated from Land Application, which now requires a permit, to Reuse and Offsite Disposal. I have sent new pages to the inspectors for their signatures.

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
Permitting Supervisor-WV

Enc.

RECEIVED
Office of Oil and Gas
MAY 05 2016
WV Department of
Environmental Protection

EQT Production Water plan Offsite disposals
--

Waste Management - Meadowfill Landfill

Rt. 2, Box 68 Dawson Drive
Bridgeport, WV 26330
304-326-6027
Permit #SWF-1032-98
Approval #100785WV

Waste Management - Northwestern Landfill

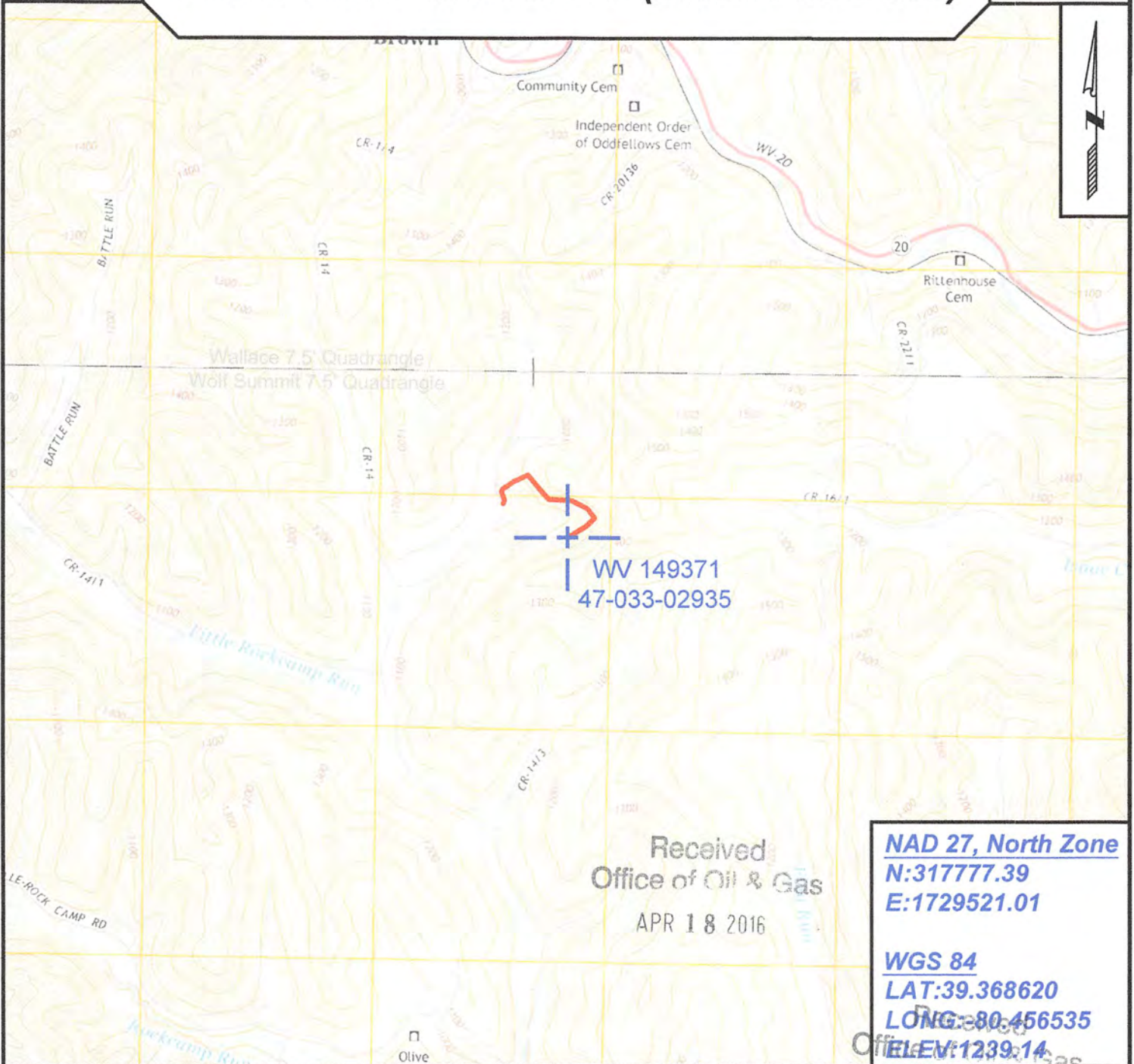
512 E. Dry Road
Parkersburg, WV 26104
304-428-0602
Permit #SWF-1025 WV-0109400
Approval #100833WV

RECEIVED
Office of Oil and Gas
MAY 05 2016
WV Department of
Environmental Protection

Topo Quad: Wolf Summit 7.5' Scale: 1" = 2000'
 County: Harrison Date: March 9, 2016
 District: Sardis Project No: 70-36-00-08

47-033-02935 WV 149371 (Bramer #3 E-955)

Topo



WV 149371
 47-033-02935

Received
 Office of Oil & Gas
 APR 18 2016

NAD 27, North Zone
N:317777.39
E:1729521.01

WGS 84
LAT:39.368620
LONG:-80.456535
ELEV:1239.14



SURVEYING AND MAPPING SERVICES PERFORMED BY:
ALLEGHENY SURVEYS, INC.

1-800-482-8606
 237 Birch River Road
 Birch River, WV 26610
 PH: (304) 649-8606
 FAX: (304) 649-8608

PREPARED FOR:

EQT Production Company

APR 18 2016
 P.O. Box 280
 Bridgeport, WV 26330

05/20/2016



POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY
 LEASE NAME AND WELL No. Bramer #3 E-955 - WV 149371 - API No. 47-033-02935

POTENTIAL SAMPLE LOCATIONS

Site: 1 Spacing: 978 +/- Owner: Earl Glassco
 Address: 210 Blackhawk Way, Wallace, WV 26448 Phone No. (304) 783-4598
 Comments: Water well left rear corner of house

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 Office of Oil & Gas
 APR 18 2016

BIRCH RIVER OFFICE

237 Birch River Road
 Birch River, WV 26610
 phone: 304-649-8606
 fax: 304-649-8608

BRIDGEPORT OFFICE

172 Thompson Drive
 Bridgeport, WV 26330
 phone: 304-848-5035
 fax: 304-848-5037

ALUM CREEK OFFICE

P.O. Box 108 • 1413 Childress Rd
 Alum Creek, WV 25003
 phone: 304-756-2949
 fax: 304-756-2948

MARTINSBURG OFFICE

25 Lights Addition Drive
 Martinsburg, WV 25404
 phone: 304-901-2162
 fax: 304-901-2182

3302935P

Topo Quad: Wolf Summit 7.5' Scale: 1" = 2000'

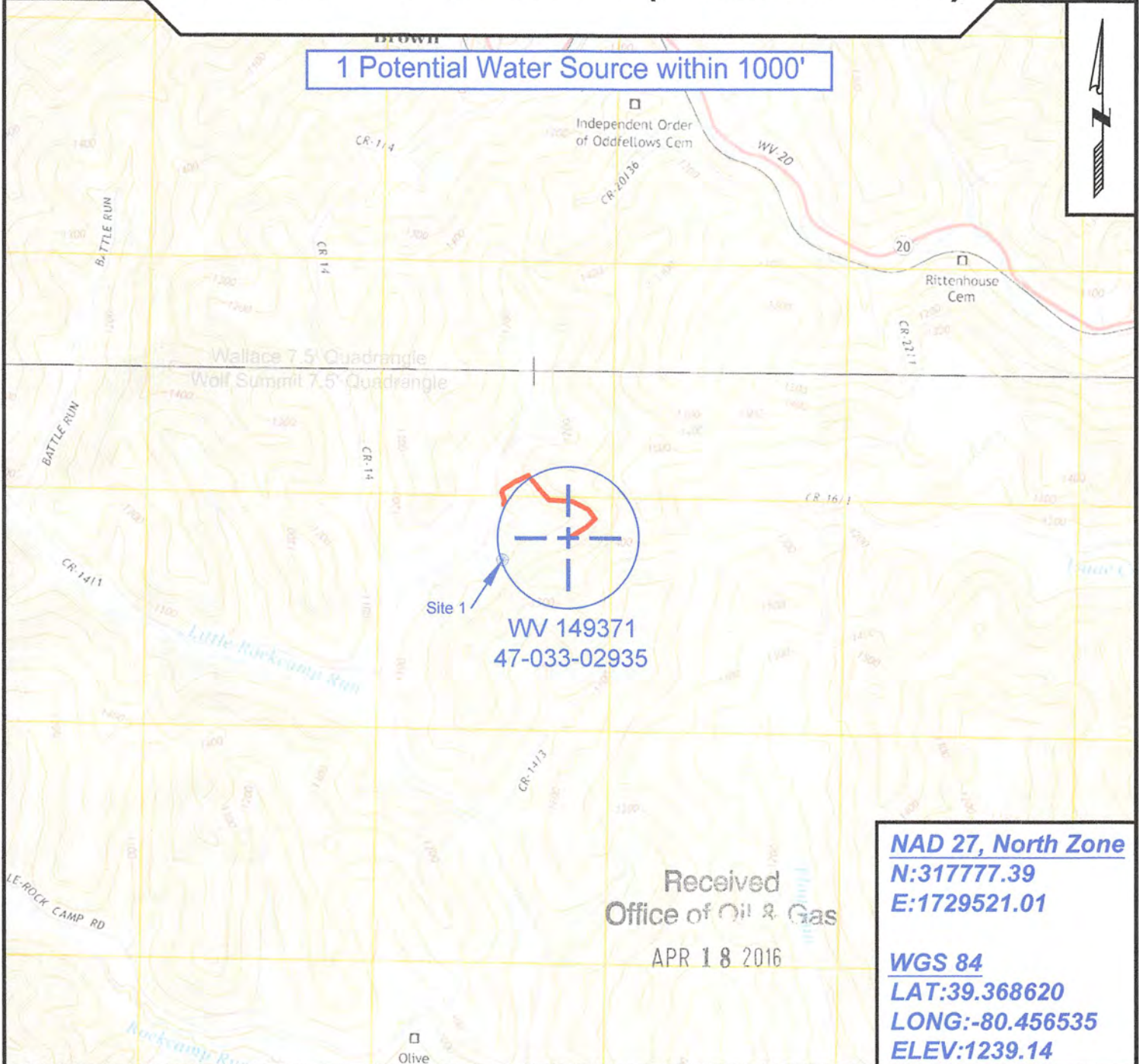
County: Harrison Date: March 9, 2016

District: Sardis Project No: 70-36-00-08

Water

47-033-02935 WV 149371 (Bramer #3 E-955)

1 Potential Water Source within 1000'



Site 1
 WV 149371
 47-033-02935

Received
 Office of Oil & Gas
 APR 18 2016

NAD 27, North Zone
N:317777.39
E:1729521.01

WGS 84
LAT:39.368620
LONG:-80.456535
ELEV:1239.14



SURVEYING AND MAPPING SERVICES PERFORMED BY:
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 PH: (304) 649-8606
 FAX: (304) 649-8608

PREPARED FOR:
EQT Production Company
 P.O. Box 280
 Bridgeport, WV 26330

05/20/2016

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-033-02935 WELL NO.: WV 149371 (Bramer #3 E-955)

FARM NAME: Ralph W. Bramer

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Harrison DISTRICT: Sardis

QUADRANGLE: Wolf Summit 7.5'

SURFACE OWNER: James S. Raines, et al.

ROYALTY OWNER: Buffco Productions Inc., et al.

UTM GPS NORTHING: 4357825

UTM GPS EASTING: 546815 GPS ELEVATION: 378 m (1239 ft)

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:
Survey grade GPS ; Post Processed Differential
Real-Time Differential
Mapping Grade GPS ; Post Processed Differential
Real-Time Differential

4. **Letter size copy of the topography map showing the well location.**

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

 Signature PS # 2100 Title 3/31/16 Date

Received
Office of Oil & Gas
APR 18 2016