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 penalities 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

3302935P

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
500.00

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 Name: Sam Ward
Address: P. O. Box 2327
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 _____ Date 5/12/2016

3302935 P

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 ½" 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 ½" 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

3302935A

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

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RECEIVED
JAN 13 1984
OIL & GAS DIVISION
DEPT. OF MINES

IV-35
(Rev 8-81)

RECEIVED
JAN 30 1984
OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date January 9, 1984
Operator's
Well No. E-955
Farm Bramer #3
API No. 47 -033 - 2935
1493 71

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

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

COMPANY Ensource 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			
&1 1/2	----	2683'	----
Liners used			

GEOLOGICAL TARGET FORMATION Fifth Sand Depth 2995 feet
Depth of completed well 2995 feet Rotary X / 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 TSTM 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

(Continue on reverse side)

HARR 2935

Received
Office of Oil & Gas
APR 18 2016

3302935P

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	
Sandstone	70	135	2" Stream Fresh Water
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	
Sandy Shale	925	1080	4" Stream Fresh Water
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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APR 18 2016

SEE ATTACHMENT
(Attach separate sheets as necessary)

Ensource Inc.
Well Operator

By: Michael W. Hager

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."

3302935P

FORM 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	
Sand Shale - Gray	2897	2910	
Sand	2910	2996	
Shale - Gray	2996	3012	
Sand Shale	3012	3150	T.D.
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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Office of Oil & Gas
APR 18 2016

(Attach separate sheets as necessary)

Ensource Inc.
Well Operator

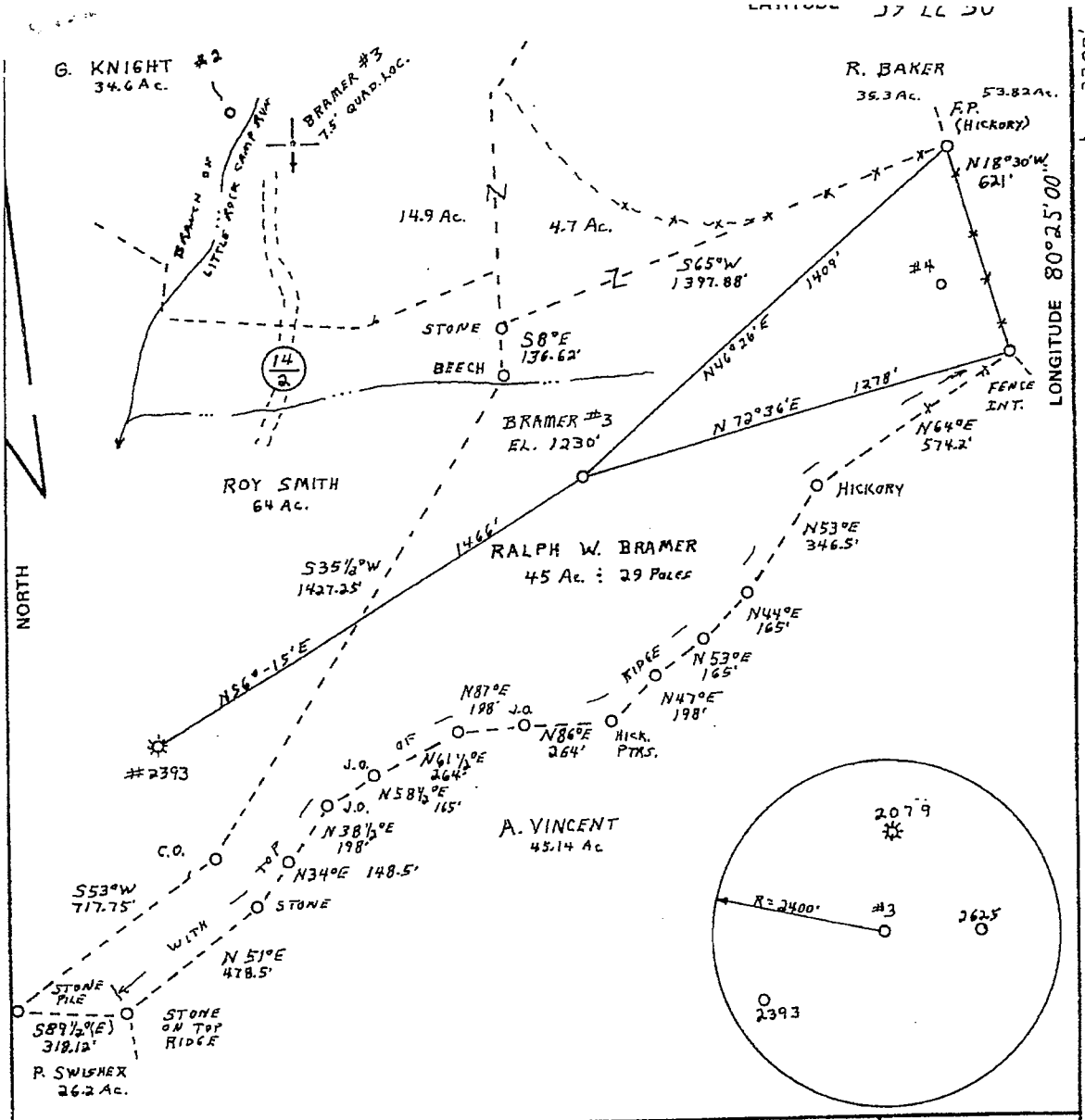
By: Michael W. Moore

Date: January 9, 1984

HAR 2935

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."

3302935P



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.L.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) ___
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 1738 ADDRESS P.O. DRAWER 1738

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Office of Oil & Gas
APR 18 2016

WW-2B

3302935P

WW-4-A
Revised 6/07

1) Date: April 12, 2016
2) Operator's Well Number
149371 (Bramer #3 E-955)
3) API Well No.: 47 (State) 033 (County) - 02935 (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:
(a) Name: James S. Raines
Address: P. O. Box 466
Lumberport, WV 26386

(b) Name:
Address:

(c) Name:
Address:

6) Inspector: Sam Ward
Address: P. O. Box 2327
Buckhannon, WV 26201
Telephone: (304) 389-7583

5) (a) Coal Operator:
Name: None
Address:

(b) Coal Owner(s) with Declaration
Name: None
Address:

Name:
Address:

(c) Coal Lessee with Declaration
Name: None
Address:

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: **EQT Production Company**
By: **Victoria J.Roark**
Its: **Permitting Supervisor**
Address: **PO Box 280**
Bridgeport, WV 26330
Telephone: **(304) 848-0076**

Subscribed and sworn before me this 14th 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.

OFFICIAL SEAL
STATE OF WEST VIRGINIA
NOTARY PUBLIC
Misty S Christie
1207 Briercliff Rd
Bridgeport, WV 26330
My Commission Expires February 20, 2018

Received
Office of Oil & Gas
APR 18 2016

3302935P

WW-9
Revised 2/03

Page _____ of _____
2) Operator's Well Number
149371 (Bramer #3 E-955)
3) API Well No.: 47 033 - 02935

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 SPDW 5/12/2016
X Reuse (at API Number) - Various
X Offsite Disposal Permit #. See attached.
_____ Other: Explain

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.

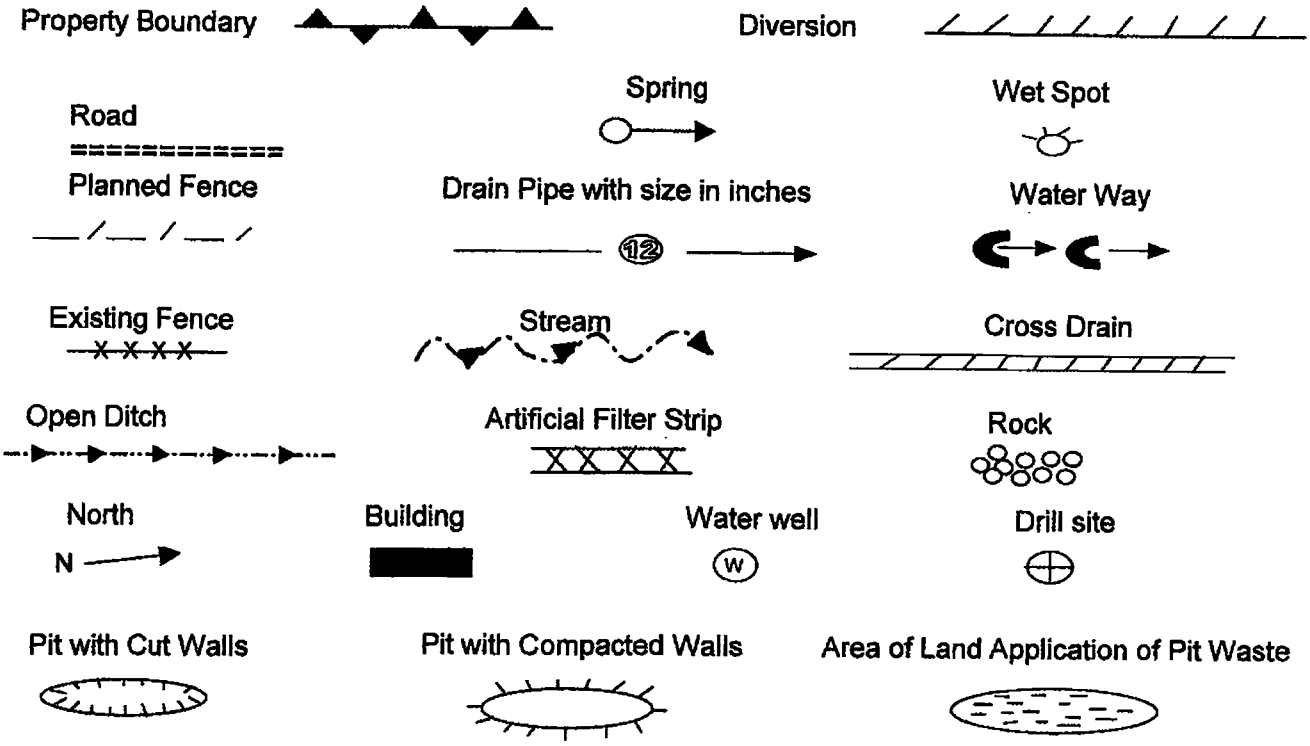
Company Official Signature _____
Company Official (Typed or Printed) Victoria Roark
Company Official Title Permitting Supervisor-WV
Subscribed and sworn before me this 2nd day of May, 2016
Misty S. Christie Notary Public
My Commission Expires 2/20/18

OFFICIAL SEAL
STATE OF WEST VIRGINIA
NOTARY PUBLIC
Misty S Christie
1207 Briercliff Rd
Bridgeport, WV 26330
My Commission Expires February 20, 2018

3302935P

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: [signature]

Comments: _____

Title: OOG Inspector Date: 5/12/2016

Field Reviewed? _____ Yes X No

3302935P

EQT

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,

Vicki Roark
Permitting Supervisor-WV

Enc.

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

3302985P

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

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

3302935P

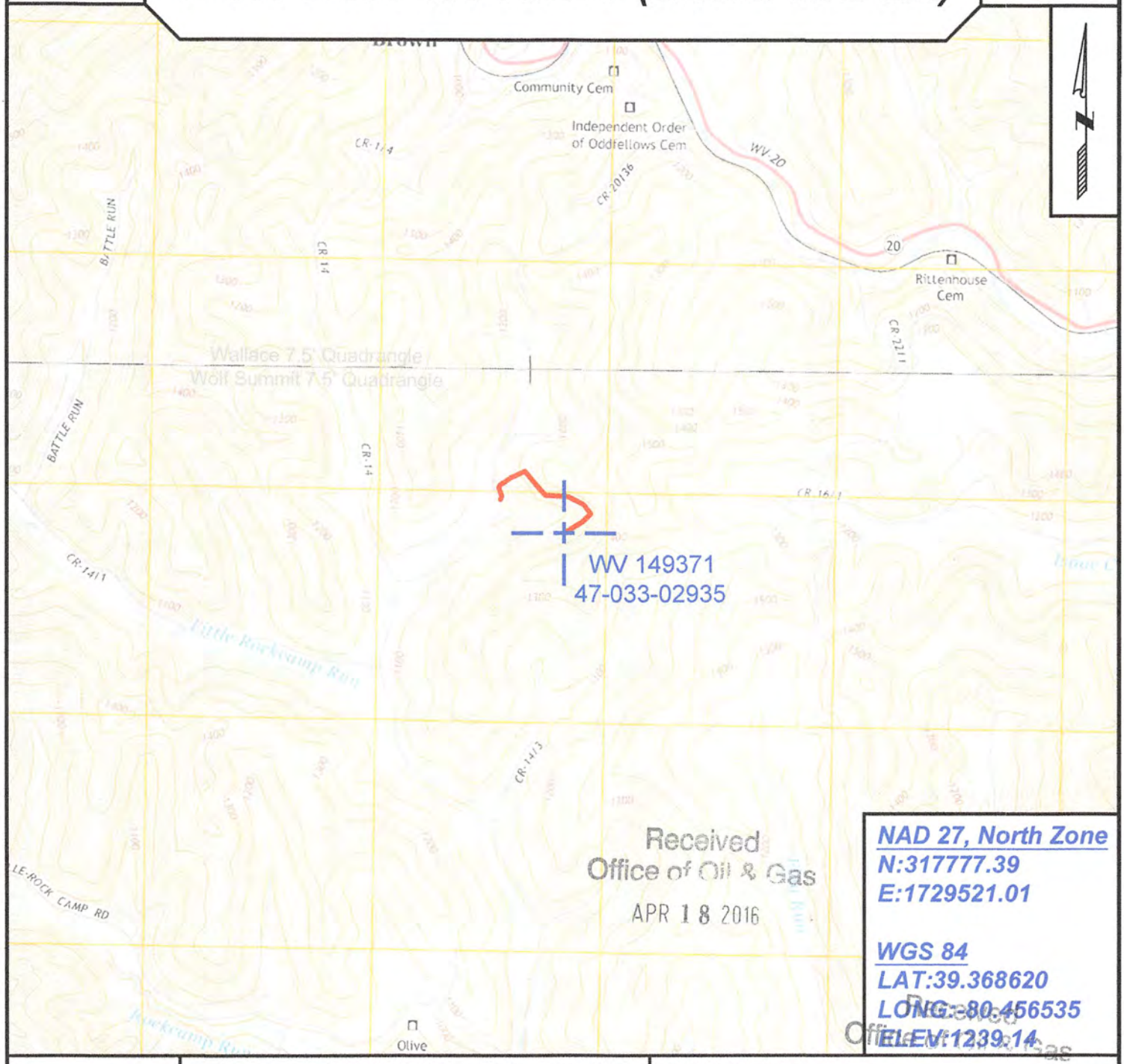
Topo Quad: Wolf Summit 7.5' **Scale:** 1" = 2000'

County: Harrison **Date:** March 9, 2016

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

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

Topo



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

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Office of Oil & Gas
APR 18 2016

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

P.O. Box 280
Bridgeport, WV 26330

3302935 P

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 .

Received
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

ALLEGHENYSURVEYS.COM

3302935P

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

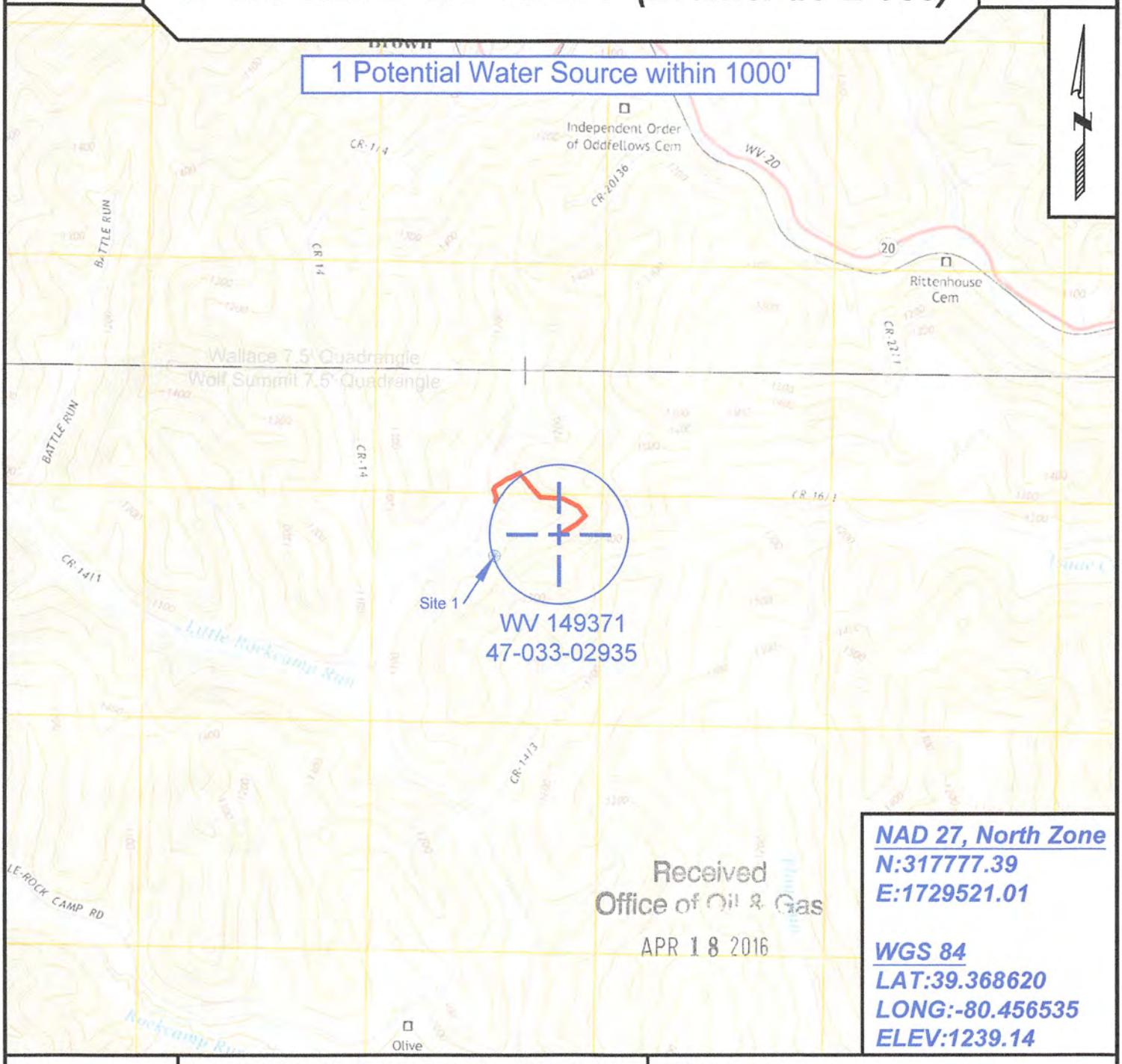
County: Harrison **Date:** March 9, 2016

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

Water

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

1 Potential Water Source within 1000'



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

P.O. Box 280
Bridgeport, WV 26330

33 02935P

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 X : Post Processed Differential X
Real-Time Differential ____

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

Received
Office of Oil & Gas
APR 18 2016

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 #2180 Title | 3/31/16 Date