



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, August 14, 2018
WELL WORK PLUGGING PERMIT
Vertical Plugging

ANGEL, JACK M

Re: Permit approval for 2A
47-107-01137-00-00

This well work permit 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 any additional specific 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. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless 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 a faint, light blue circular stamp or watermark.

Operator's Well Number: 2A
Farm Name: HOBLITZEL, RICHARD
U.S. WELL NUMBER: 47-107-01137-00-00
Vertical Plugging
Date Issued: 8/14/2018

Promoting a healthy environment.

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.

1) Date 6-15, 2018
2) Operator's Well No. 2-A
3) API Well No. 47-107-01137P

STATE OF WEST VIRGINIA
DEPARTMENT 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 ___

5) Location: Elevation 660 Watershed Union Williams
District Williams County WOOD Quadrangle Valley Mills / Merietta

6) Well Operator Jack M. Angel 7) Designated Agent Jack M. Angel
Address Rt 2 Box 110 Address Rt 2 Box 110
Williamstown WV. 26187 Williamstown WV. 26187

8) Oil and Gas Inspector to be notified Name Joe Taylor
Address 1478 claylick Rd.
Ripley WV. 25271
9) Plugging Contractor Name _____
Address _____

10) Work Order: The work order for the manner of plugging this well is as follows:

- Run in the hole with 2 3/8" tubing to 3,000'
- Gel the hole
- Cement from 3,000' to 2,500'
- Pull the tubing
- ★ Free point and cut the 4 1/2" casing at @ cement top at 2,300'
- After cutting the 4 1/2" cement through the 4 1/2"
- Cement from 2,300' to 2,150'
- Cement from 2,050' to 1,950'
- Cement from 1,850' to 1,750'
- Cement from 900' to 750'
- Cement from 100' to the surface
- Erect a monument with the API number attached

★ IT APPEARS THAT 4 1/2" MAY BE CEMENTED TO SURFACE. IF IT CAN BE CORROBORATED, PLUGGING MAY COMMENCE WITHOUT CUTTING 4 1/2".
USE TUBING STRING TO CEMENT THROUGH AND LEAVE 8 5/8" IN HOLE.

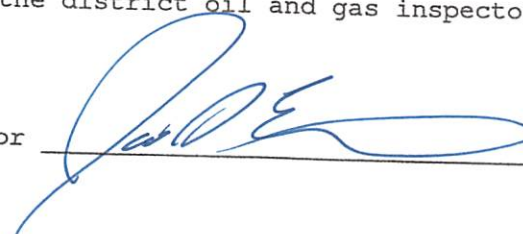
gwm

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AUG 02 2018

WV Department of
Environmental Protection

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

Work order approved by inspector 

Date 8-1-18

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SEP 13 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES



IV-35
(Rev 8-81)

Date SEP. 10 1982

State of West Virginia

Department of Mines
Oil and Gas Division

Operator's
Well No. Hoblitzell 2A

Farm Richard H. Hoblitzell

API No. 047 - 107 - 1137

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

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

LOCATION: Elevation: 660 Watershed Unknown
District: Williams County Wood Quadrangle Marietta, OH, WV

COMPANY NEVA Petroleum, Corp

ADDRESS P.O. Box C., St. Marys, WV 26170

DESIGNATED AGENT Loren E. Bagley

ADDRESS P.O. Box C., St. Marys, WV 26170

SURFACE OWNER Richard H. Hoblitzell

ADDRESS Rt. 1, Williamstown, WV

MINERAL RIGHTS OWNER Richard H. Hoblitzell

ADDRESS Rt. 1, Williamstown, WV

OIL AND GAS INSPECTOR FOR THIS WORK K. Paul

Goodnight ADDRESS Smithville, WV 26178

PERMIT ISSUED January 23, 1981

DRILLING COMMENCED 4-14-81

DRILLING COMPLETED 6-4-81

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"	220	220	75 sks
9 5/8			
8 5/8	775	775'	Unknown
7	1550'	None	None
5 1/2			
4 1/2	3047'	3047	310 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Ohio Shale Depth 3000 feet

Depth of completed well 3046' feet Rotary / Cable Tools XX

Water strata depth: Fresh 80' feet; Salt feet

Coal seam depths: N/A Is coal being mined in the area?

OPEN FLOW DATA

Producing formation Gordon, Berea Pay zone depth 3012-1920 feet

Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Bbl/d

Final open flow Unknown Mcf/d Final open flow Unknown Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure 550 psig (surface measurement) after 24 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)

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FORM IV-35
(REVERSE)

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

Perforated: 3012, 3010, 3008, 2901, 03,05,07,09,19,20,84,86,90, 2742,46,62,64,66 70-
2230, 32,34,36,50,52,53,54,55,57,58, 60 -1920,21,22,23,24 and 25
(47 holes)

Fractured -2500 gal 15% acid, 80,000 lbs 20/40 sand, 684 bbl KCL water, 1,176,000 SCF N²

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Shale			1480'	1700	water
Wier			1813	1819	
Berea			1908	1918	
Gantz			2022	2039	
Fifty Foot			2091	2109	
Thirty Foot			2223	2234	
Gordon Stray			2347	2356	
Gordon			2361	2371	
Shale			2372	3046	

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(Attach separate sheets as necessary)

L & B Oil Company, Inc.

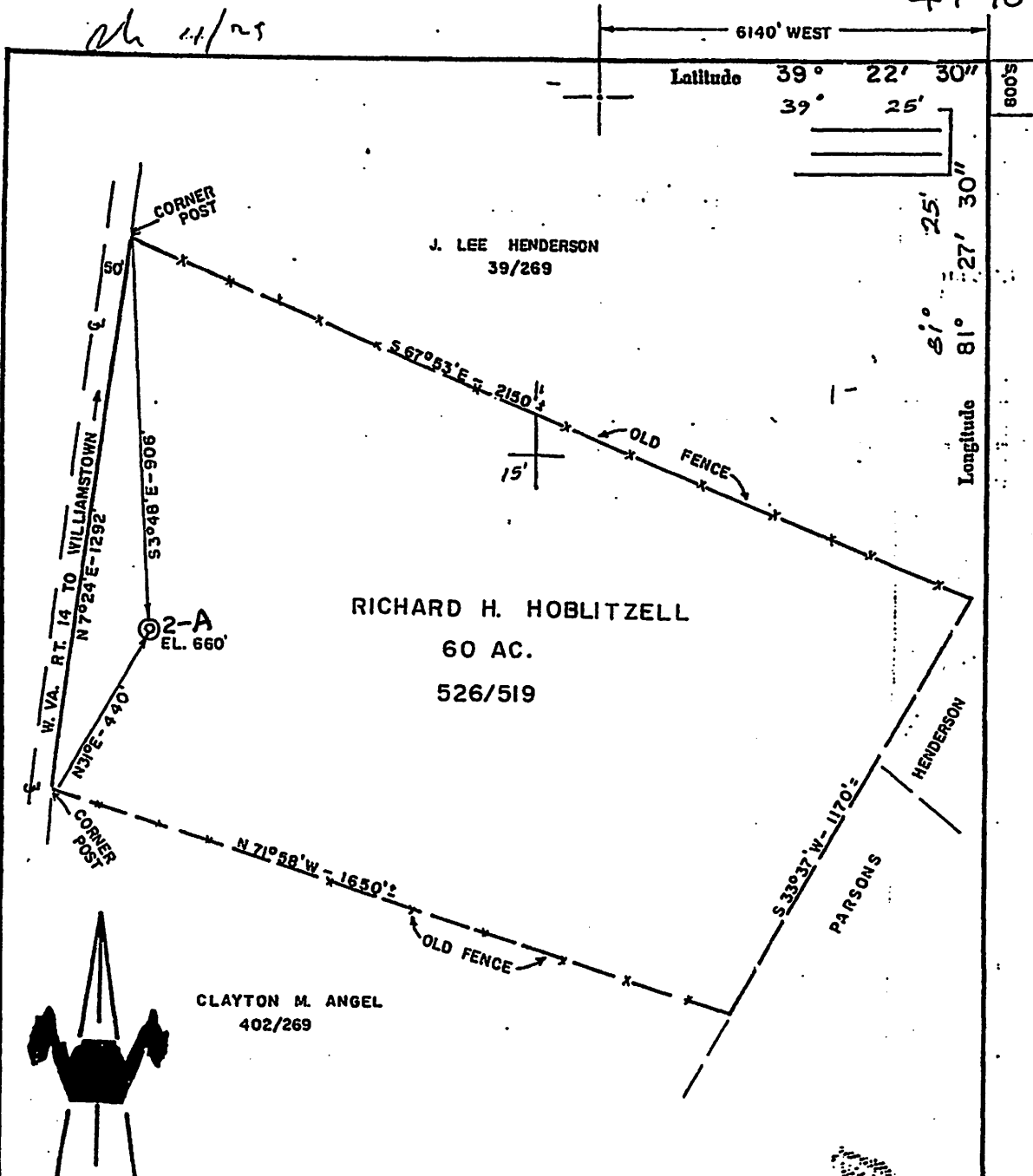
Well Operator

By: *Loren E. Bagley*
Loren E. Bagley

Date: September 10, 1982

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."

dh 11/25



ACCURACY: 1/200

New Location LOST HOLE

Drill Deeper SKID RIG

Abandonment

Fracture

Redrill

Other _____

Formation SHALE

Est. Depth 2500'

Oil

Gas

Other _____

Source of Elevation U.S.G.S. B.M. ELEVATION (668')

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

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Office of Oil and Gas

JUN 02 2018

Company CARBONIT EXPLORATION, INC.

Address PARKERSBURG, WV

Surface Owner RICHARD H. HOBLITZELL

Mineral Owner RICHARD H. HOBLITZELL

Well No. 2 Acres 60

Elevation 660'

Quadrangle VALLEY MILLS Series 7.5'

County WOOD District WILLIAMS

Date 4/13/81 Scale 1" = 300'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
47 - 107 - 1137-Rev.
STATE COUNTY PERMIT

+ Denotes location of well on United States Topographic Maps.
Engineer CHET WATERMAN
Engineer's Registration No. 3788 File No. 81-184



Department of Environmental Protection

DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. 1000-1037-5K1d

Oil or Gas Well _____
WIND _____

Company Carbont Exploration
 Address _____
 Farm Hobbitzall
 Well No. 2
 District Williams County Wood
 Drilling commenced 4-15-81
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu Ft.
 Rock pressure _____ lbs _____ hrs.
 Oil _____ bbls., 1st 21 hrs.
 Fresh water 35 feet _____ feet
 Salt water 395 feet 700 feet

CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
Size			
16			Kind of Barker _____
10 3/4		2 1/4	Size of _____
8 1/4			Depth set _____
6 3/4			
5 3/16			
			Perforation _____
			Perf. location _____
			Perf. _____
			Perf. _____

CASING CEMENTED 10 3/4 SIZE 2 1/4 No. FT. _____ Date _____
 NAME OF SERVICE COMPANY Halliburton

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES

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MAY - 5 1981

Drillers' Names Wood - C & W Drilling Co. Breden

Remarks: Gene Stalman Inc Drilled the first hole to 250' & missed

This location has been missed 50' 5-8

144-700'

5-1-81
DATE

[Signature] 505
DISTRICT WELL INSPECTOR

OIL & GAS DIVISION
DEPT. OF MINES



Select County: (107) Wood Select datatypes: (Check All)

Enter Permit #: 01137

Location Production Plugging
 Owner/Completion Stratigraphy Sample
 Pay/Show/Water Logs Btm Hole Loc.

Get Data Reset

- [Table Descriptions](#)
- [County Code Translations](#)
- [Permit-Numbering Series](#)
- [Usage Notes](#)
- [Contact Information](#)
- [Disclaimer](#)
- [WVGES Main](#)
- ["Pipeline-Plus" New](#)

WV Geological & Economic Survey:

Well: County = 107 Permit = 01137

Report Time: Friday, June 15, 2018 12:01:50 PM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LONG_DD	UTME	UTMN
4710701137	Wood	1137	Williams	Valley Mills	Marietta	39.373624	-81.479664	458684.3	4358349.1

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST
4710701137	6/4/1981	Original Loc	Completed	Richard H Hoblitzell 2-A						Neva Petroleum Corp.			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_E
4710701137	6/4/1981	4/14/1981	660 Ground Level	Boaz	UDev undf:Ber/LoHURN	UDev undf:Ber/LoHURN	Development Well	Unsuccessful	Dry	Rotary	Acid+Frac	3046		3046		

Pay/Show/Water Information:

API	CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH_TOP	FM_TOP	DEPTH_BOT	FM_BOT	G_BEF	G_AFT	O_BEF	O_AFT	WATER_QNTY
4710701137	6/4/1981	Water	Fresh Water	Vertical			80						0
4710701137	6/4/1981	Water	Unknown Water	Vertical			1480						0

Production Gas Information: (Volumes in Mcf)

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4710701137	Neva Petroleum Corp.	1983	0	0	0	0	0	0	0	0	0	0	0	0	0
4710701137	American Petroel, Inc.	1992	290	0	0	0	0	0	0	0	0	0	0	140	150
4710701137	American Petroel, Inc.	1993	818	33	0	52	76	82	93	95	98	80	83	64	62
4710701137	American Petroel, Inc.	1994	919	39	43	60	35	77	92	88	92	98	34	197	64
4710701137	American Petroel, Inc.	1995	1,445	97	64	103	121	124	154	166	133	85	138	115	145
4710701137	American Petroel, Inc.	1996	60	5	5	5	5	5	5	5	5	5	5	5	5

Production Oil Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4710701137	Neva Petroleum Corp.	1983	0	0	0	0	0	0	0	0	0	0	0	0	0
4710701137	American Petroel, Inc.	1992	0	0	0	0	0	0	0	0	0	0	0	0	0
4710701137	American Petroel, Inc.	1993	43	0	0	0	0	0	0	43	0	0	0	0	0
4710701137	American Petroel, Inc.	1994	42	0	0	0	0	42	0	0	0	0	0	0	0
4710701137	American Petroel, Inc.	1995	35		35										
4710701137	American Petroel, Inc.	1996	65	37											28

There is no Production NGL data for this well ** some operators may have reported NGL under Oil

There is no Production Water data for this well

Stratigraphy Information:

API	SUFFIX	FM	FM_QUALITY	DEPTH_TOP	DEPTH_QUALITY	THICKNESS	THICKNESS_QUALITY	ELEV DATUM
4710701137	Original Loc	Weir	Well Record	1813	Reasonable	3	Reasonable	660 Ground Level
4710701137	Original Loc	Berea Ss	Well Record	1908	Reasonable	10	Reasonable	660 Ground Level
4710701137	Original Loc	UDev undf:Ber/LoHURN	Well Record	1918	Reasonable	0	Reasonable	660 Ground Level
4710701137	Original Loc	Gantz	Well Record	2022	Reasonable	17	Reasonable	660 Ground Level
4710701137	Original Loc	Fifty-foot	Well Record	2091	Reasonable	18	Reasonable	660 Ground Level
4710701137	Original Loc	Gordon	Well Record	2223	Reasonable	11	Reasonable	660 Ground Level

Wireline (E-Log) Information:

API	LOG_TOP	LOG_BOT	DEEPEST_FML	LOGS_AVAIL	SCAN	DIGITIZED	GR_TOP	GR_BOT	D_TOP	D_BOT	N_TOP	N_BOT	I_TOP	I_BOT	T_TOP	T_BOT	S_TOP	S_BOT	O_TOP	O_BOT	
4710701137	1570	3012		*	Y	N													1570	3012	N

Comment: *logs:ultra sonic gas detectors

Downloadable Log Images: We advise you to save the log image file to your PC for viewing. To do so, right-click the .tif image of interest and select the save option. Then you can direct the file to a location of your choice. Please note these images vary in size and some may take several minutes to download, especially if using a 56k or slower dialup connection.

- Quick Reference Guide for Log File Names For more info about WVGES scanned logs click [here](#)
- geologic log types:
- d density (includes bulk density, compensated density, density, density porosity, grain density, matrix density, etc.)
 - e photoelectric adsorption (PE or Pe, etc.)
 - g gamma ray
 - i induction (includes dual induction, medium induction, deep induction, etc.)
 - l laterolog
 - m dipmeter
 - n neutron (includes neutron porosity, sidewall neutron-SWN, etc.)
 - o other¹
 - s sonic or velocity
 - t temperature (includes borehole temperature, BHT, differential temperature, etc.)
 - z spontaneous potential or potential
- mechanical log types:
- b cement bond
 - c caliper
 - o other¹
 - p perforation depth control or perforate

¹other logs may include, but are not limited to, such curves as audio, bit size, CCL--casing collar locator, continuous meter, directional survey, gas detector, guard, NCTL--Nuclear Cement Top Locator, radioactive tracer, tension

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Office of Oil and Gas
AUG 02 2018
WV Department of
Environmental Protection

There is no Plugging data for this well

There is no Sample data for this well

1) Date: 6-15-2018
2) Operator's Well Number 2-A
3) API Well No.: 47 - 107 - 011379

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>King & Gary Moore</u>	Name <u>N/A</u>
Address <u>719 Old River Rd.</u>	Address _____
<u>Williamstown W.V. 26187</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Joe Taylor</u>	(c) Coal Lessee with Declaration
Address <u>1478 Claylick Rd.</u>	Name <u>N/A</u>
<u>Ripley W.V. 25271</u>	Address _____
Telephone <u>304-380-7469</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.

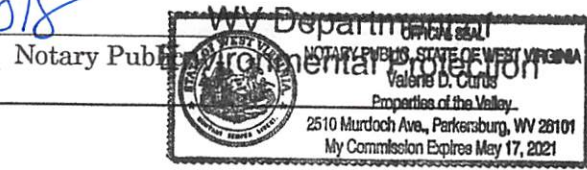
The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

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 Department 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 Jack M. Angel
 By: Jack M. Angel
 Its: owner
 Address Rt 2 Box 110
Williamstown W.V. 26187
 Telephone 304-916-5626

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Office of Oil and Gas
AUG 02 2018

Subscribed and sworn before me this 31st day of July 2018
Valerie D. Curtis
My Commission Expires May 17, 2021



Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a 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.

SURFACE OWNER WAIVER

Operator's Well
Number

47-107-01137 P 2-A

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

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AUG 02 2018

VOLUNTARY STATEMENT OF NO OBJECTION

WV Department of
Environmental Protection

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

Jama M Moore Signature Date July 31-18 Name Moore and Jay By Jama M Moore Its Jama M Moore

Jama M Moore Signature Date July 31-18 July 31-18 Date

WW-9
(5/16)

API Number 47 - 107 - 01137P
Operator's Well No. 2-A

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Jack M. Angel OP Code _____

Watershed (HUC 10) Union Williams Quadrangle Valley Mills

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

Will a pit be used? Yes No

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes No If so, what ml.? _____

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number 2D0392210)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain plugging will be collected in a steel tank and hauled to disposal.)

Will closed loop system be used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A

-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) N/A

-Landfill or offsite name/permit number? N/A

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit could result in civil or criminal penalties and/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 Jack M. Angel

Company Official (Typed Name) Jack M. Angel

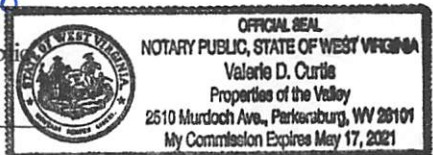
Company Official Title owner

Subscribed and sworn before me this 31st day of July, 20 18

Valerie D. Curtis Valerie D. Curtis Notary Public

My commission expires May 17, 2021

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Proposed Revegetation Treatment: Acres Disturbed .5 Prevegetation pH 6.5

Line 2 Tons/acre or to correct to pH 6.5

Fertilizer type 10/10/10

Fertilizer amount 500 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type lbs/acre

Seed Type lbs/acre

Pasture mix

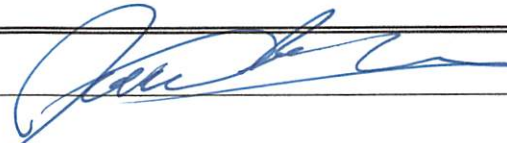
Pasture mix

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Joseph D. Taylor



Comments:

Must call 24 hours before work begins.

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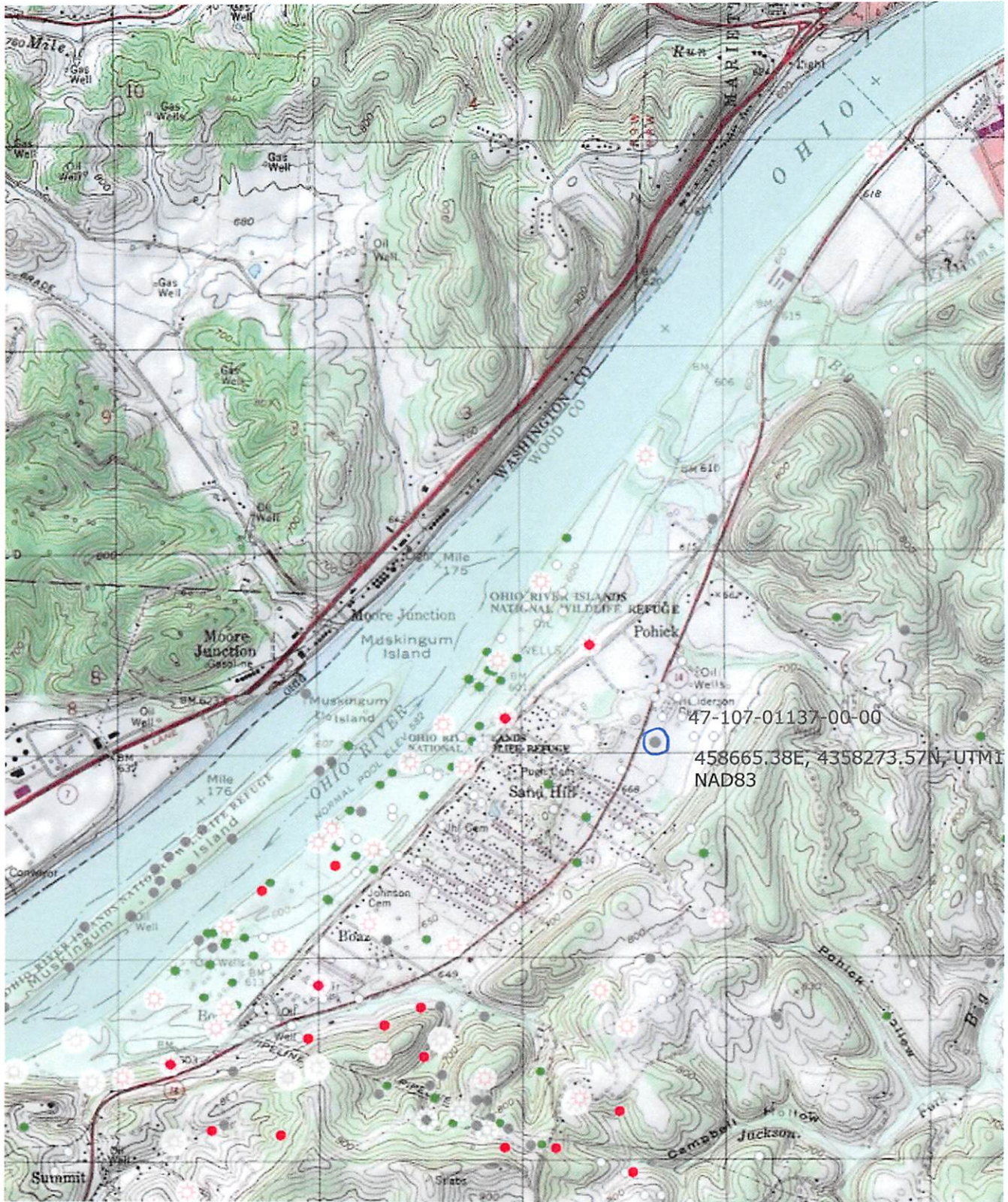
Title: OOG Inspector

Date: 8-1-18

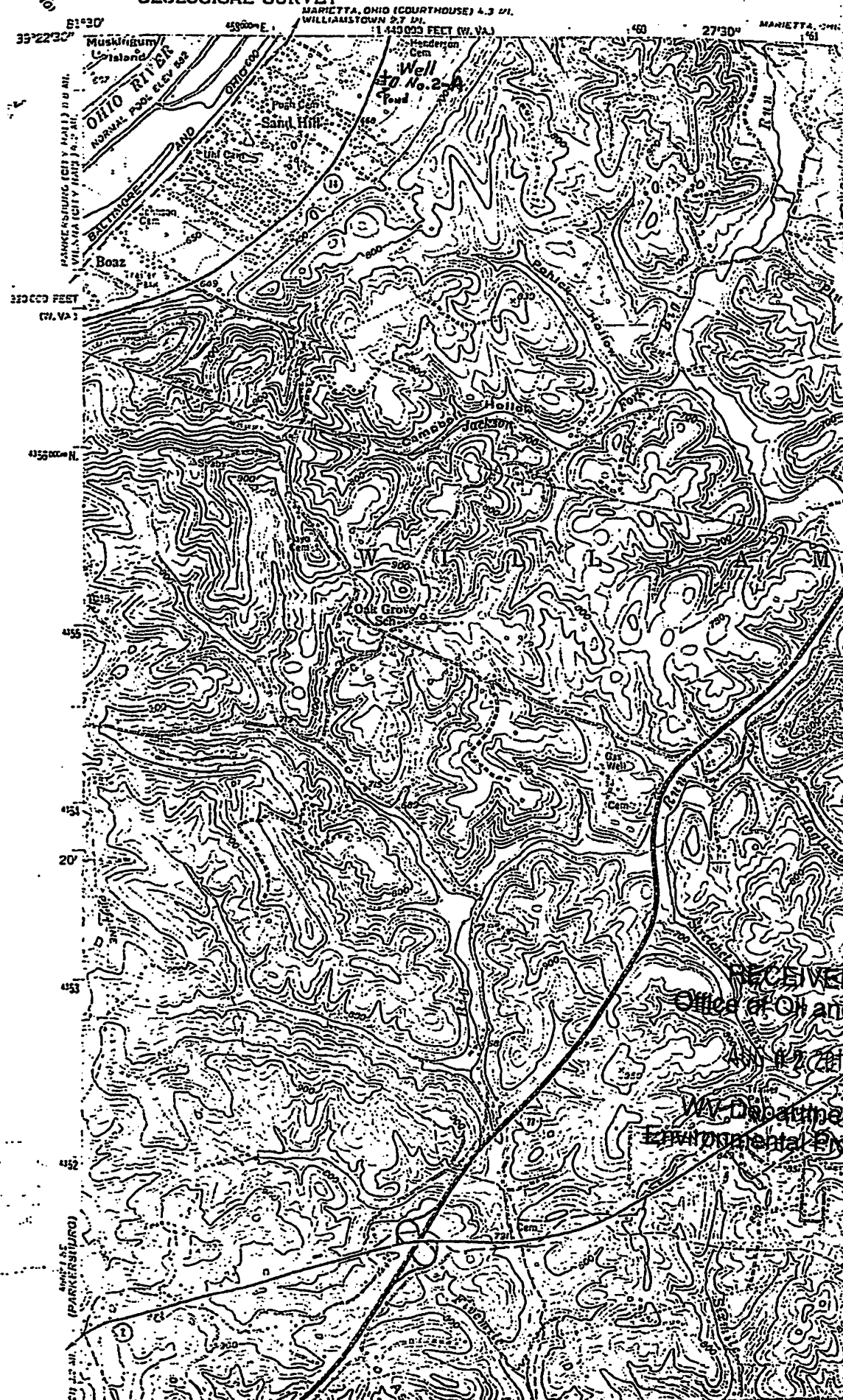
Field Reviewed? Yes

No

47-107-01137P



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



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WV Department of
Environmental Protection

WW-7
8-30-06



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

API: 47-107-01137 WELL NO.: 2-A

FARM NAME: Richard H. Hoblitzell

RESPONSIBLE PARTY NAME: _____

COUNTY: WOOD DISTRICT: Williams

QUADRANGLE: Valley Mills / Merietta

SURFACE OWNER: Tania and Gary Moore

ROYALTY OWNER: Tania and Gary Moore

UTM GPS NORTHING: 435 8273.6

UTM GPS EASTING: 458 665.4 GPS ELEVATION: 660

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:

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

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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] owner/operator 7/31/18
Signature Title Date