



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

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

Thursday, October 13, 2016
WELL WORK PERMIT
Vertical / Plugging

ETC NORTHEAST DEVELOPMENT, LLC
7000 STONEWOOD DRIVE, SUITE 351

WEXFORD, PA 15090

Re: Permit approval for J-126
47-017-02838-00-00

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.

Please be advised that form WR-35, Well Operators Report of Well Work 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

Operator's Well Number: J-126
Farm Name: NESLER-MOORE
U.S. WELL NUMBER: 47-017-02838-00-00
Vertical / Plugging
Date Issued: 10/13/2016

Promoting a healthy environment.

10/14/2016

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.

1) Date August 1, 2016
2) Operator's
Well No. Nesler-Moore No.J-126
3) API Well No. 47-017 - 02838

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 x

5) Location: Elevation 1,282' Watershed Eibscamp Run
District New Milton County Doddridge Quadrangle Smithburg 7.5'

6) Well Operator ETC Northeast Development, LLC 7) Designated Agent Jeff Davis
Address 7000 Stonewood Drive, Suite 351 Address 7000 Stonewood Drive, Suite 351
Wexford, PA 15090 Wexford, PA 15090

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Daniel Flack Name Meadows Well Service, LLC
Address 58 Rive Ave. Address 45 Meadows Drive
Buckhannon, WV 26201 Ravenswood, WV 26164

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

**** See Attached Sheet ****

Received
Office of Oil & Gas
SEP 13 2016

OK gwm

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

Work order approved by inspector _____ Date _____

10/14/2016

**MANNER OF PLUGGING FOR:
NESLER-MOORE No.J-126 (47-017-02838)**

ELEVATION – 1,282'

TD – 5,580'

CASING

8 5/8" - 863' (Cemented to Surface)

4 1/2" - 5,498' (Calculated TOC – 1,875')

CASING PERFORATIONS

5,347' – 5,389'

5,037' – 5,340'

5,204' – 5,206'

WORK ORDER

Pull Tubing

Plug No.1 5,400' - ~~5,100'~~ 5,000' COVER PERFORATIONS

Free-Point, Cut and Pull 4 1/2" Casing - Est. 1,875'

Plug No.2 1,925' - 1,825'

Plug No.3 1,335' - 1,235'

Plug No.4 915' - 815'

Plug No.5 100' - Surface

NOTES

Fill with 6% Gel between all plugs

Set Offset Monument as per Plat (N41°16'W 116' from Well)

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Office of Oil & Gas
SEP 13 2016

MONUMENT VARIANCE

The Office of Oil and Gas is granting a general variance to the requirements under 35CSR4-5.5b or erecting a monument upon the plugging of certain wells. If granted, the following conditions will be met:

- 1) the well will be surveyed and a plat constructed as required under 22-6 of the WV Code and 35CSR4,
- 2) a readily visible, permanent offset marker, in as close proximity as reasonably possible, will be erected and will provide distance and bearing information to the plugged well,
- 3) the plugging affidavit (form WR-38), will document the absence of a monument at the well location and document the existence and location of the offset marker,
- 4) a steel plate no smaller than one square foot shall be affixed to the well casing no deeper than three feet below the ground surface and be inscribed with the api number of the well.

To qualify under the general variance, an operator may make a variance request to the Chief of the Office of Oil and Gas for a specific well(s) in conjunction with a showing of good cause by the surface owner.

MONUMENT VARIANCE GRANTED FOR API # 47-017-02838 P.

Officer N. M. Lough

Kir Patel

ETC Northeast Development LLC

Consolidated

FORM IV-35 (Obverse) (83-73)

Date: 2/10 1981 Operator's Well No. J-126 API Well No. 47-017-2830

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

WELL OPERATOR'S REPORT

DRILLING, FRACURING AND/OR REWORKING OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal (to "Gas", Production X / Underground storage / Deep / Shallow X LOCATION: Elevation: 1285 Watershed: Meathouse Fork District: New Milton County: Goddridge Quadrangle: Smithburg, 7.5'

WELL OPERATOR: J & J Enterprises, Inc. Address: P.O. Box 48 Buckhannon, WV 26201 DESIGNATED AGENT: H.B. Barnett Address: P.O. Box 48 Buckhannon, WV 26201

PERMITTED WORK: Drill X / Convert / Drill deeper / Redrill / Fracture or stimulate X Plug off old formation / Perforate new formation / Other physical change in well (specify)

PERMIT ISSUED ON 9/26 19 80 OIL & GAS INSPECTOR FOR THIS WORK: Name: Stephen Casey Address: Rt. # 2, Box 232-D Jane Lew, WV 26378

GEOLOGICAL TARGET FORMATION: Alexander Depth: 5347-5389 feet Depth of completed well, 5580 feet Rosary X / Cable Tools Water strata depth: Fresh, salt, None Coal seam depths: 390-92 Is coal being mined in the area? No Work was commenced 12/22 19 80 and completed 12/31 19 80

CASING AND TUBING PROGRAM

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight, New/Used), FOOTAGE INTERVALS (For, Left in well), CEMENT FILL-UP OR SACS (Cuts, feet), PACKERS. Rows include Conductor, Fresh water, Coal, Intermediate, Production, Tubing, Packers.

RECEIVED FEB 11 1981

OPEN FLOW DATA Producing formation: Alexander Pay zone depth: 5347-5389 feet

Gas: Initial open flow, Final open flow, Time of open flow between initial and final tests, 4 hours

Static rock pressure, 1550 psig (surface measurement) after 96 hours shut in

Second producing formation: Leopold Pay zone depth: 5204-5206 feet Gas: Initial open flow, Final open flow, Time of open flow between initial and final tests

10/14/2016

Continuous or reverse side

FORM IV-35
(Reverse)

108-781

DETAILS OF PERFORATED INTERVALS, FRACTURING OPERATIONS, PHYSICAL CHANGE, ETC.

Alexander: Perforations: 5347-5389 (20 holes)
Fracturing: 200 sks. 80/100 sand; 400 sks. 20/40 sand; 600 Bbls. fluid.

Leopold: Perforations: 5037-40 (9 holes) 5204-06 (13 holes)
Fracturing: 100 sks. 80/100 sand; 280 sks. 20/40 sand; 450 Bbls. fluid.

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	REMARKS Including indication of gas, water, sand, etc.
Clay			0	10	
Shale & Red rock			10	35	
Sandy shale & red rock			34	390	
Coal			390	392	Gas ck @ 3994 No show
Shale & sand			392	1280	
Shale & sand			1280	1940	Gas ck @ 5076 No show
Little lime			1940	1985	
Big Lime			1985	2065	Gas ck @ 5413 No show
Sand & shale			2065	2985	
Sand & shale			2985	3140	Gas ck @ collars 1/10-3/4" w/water
Sand & shale			3140	4270	4,233 cu.ft.
Sand & shale			4270	5020	
Brown sand			5020	5037	
Leopold			5037	5206	
Gray shale			5206	5285	
Sand			5285	5347	
Alexanders			5347	5389	
Shale			5389	5580	T.D.

DEPT. OF MINES
 OIL & GAS DIVISION

J & J Enterprises, Inc.
 Well Operator
 Peter Battles
 Geologist

NOTE: Registered geologists are required to sign all logs.
 When completing a log, the geologist should indicate the geological location of all perforations including coal, sandstone, etc. drilling.

10/14/2016

1) Date: August 1, 2016
2) Operator's Well Number
Nesler-Moore No. J-126

3) API Well No.: 47 - 017 - 02838

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	Rover Pipeline, LLC <i>Wanev Robert Ross</i>	Name	NA
Address	1300 Main Street Houston, TX 77002 <i>VP of Rover Pipeline</i>	Address	
(b) Name		(b) Coal Owner(s) with Declaration	
Address		Name	NA
		Address	
(c) Name		Name	
Address		Address	
6) Inspector	Daniel Flack	(c) Coal Lessee with Declaration	
Address	58 Rive Ave. Buckhannon, WV 26201	Name	NA
Telephone	304-545-0109	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.

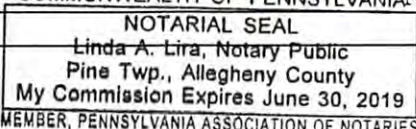
Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental 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	ETC Northeast Development, LLC	
By:	Jeff Davis	
Its:	Designated Agent	<i>Received</i>
Address	7000 Stonewood Drive, Suite 351 Wexford, PA 15090	<i>Office of Oil & Gas</i>
Telephone	484-844-3292	<i>SEP 13 2016</i>

Subscribed and sworn before me this 31st day of August 2016

Linda Lira COMMONWEALTH OF PENNSYLVANIA Notary Public

My Commission Expires _____



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 depprivacyoffier@wv.gov.

10/14/2016

SURFACE OWNER WAIVER

County Doddridge

Operator
Operator well number

ETC Northeast Development, LLC
Nesler Moore J-126

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (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 **FIFTEEN (15) 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..."

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Office of Oil & Gas
SEP 13 2016

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.

List of Water Testing Laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

VOLUNTARY STATEMENT OF NO OBJECTION

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 Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through ___ including a work order on Form WW2-B, a survey plat, WW-9, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

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

FOR EXECUTION BY A CORPORATION, ETC.

Signature Date

Company Name ETC Northeast Development, LLC
By [Signature] Date 9/13/16
Its ROBERT ROSE

Print Name

[Signature] [Signature]
Signature Date
Vice President, Land and Right of Way

1702838P

WW-9
(5/16)

API Number 47 - 017 - 02838
Operator's Well No. Nesler-Moore No.J-126

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

Operator Name ETC Northeast Development, LLC OP Code 37-1833234

Watershed (HUC 10) Eibscamp Run Quadrangle Smithburg 7.5'

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

ANY WELL EFFLUENT MUST BE CONTAINED IN TANKS BEFORE DISPOSING OF OFF SITE

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 _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain Any fluids will be hauled for off site disposal at an authorized site to be determined at the time the well is plugged) _____

Will closed loop system be used? If so, describe: NA

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

-If oil based, what type? Synthetic, petroleum, etc. NA

Additives to be used in drilling medium? NA

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. NA

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

-Landfill or offsite name/permit number? _____

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 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 *Jeff Davis*
Company Official (Typed Name) Jeff Davis
Company Official Title Designated Agent

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Office of Oil & Gas
SEP 13 2016

Subscribed and sworn before me this 31ST day of August, 2016

Danda Lira

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Linda A. Lira, Notary Public
Pine Twp., Allegheny County
My Commission Expires June 30, 2019
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Notary Public

My commission expires _____

10/14/2016

Proposed Revegetation Treatment: Acres Disturbed 1.0 acres Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10/20/20

Fertilizer amount 500 lbs/acre

Mulch Straw 2 Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type	lbs/acre
Tall Fescue	40
Ladino Clover	5

Seed Type	lbs/acre
Tall Fescue	40
Ladino Clover	5

**** Sediment Control Will Be In Place At All Times ****

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: _____

Comments: _____

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Office of Oil & Gas
SEP 13 2016

Title: _____ Date: _____

Field Reviewed? () Yes () No

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
GROUNDWATER PROTECTION PLAN

Operator Name: ETC Northeast Development, LLC
Watershed (HUC 10): Eibscamp Run Quad: Smithburg 7.5'
Farm Name: Nesler-Moore

- 1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

NA

- 2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

NA

- 3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

NA

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SEP 13 2016

- 4. Summarize all activities at your facility that are already regulated for groundwater protection.

NA

- 5. Discuss any existing groundwater quality data for your facility or an adjacent property.

NA

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

NA

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

NA

8. Provide provisions and frequency for inspections of all GPP elements and equipment.

NA

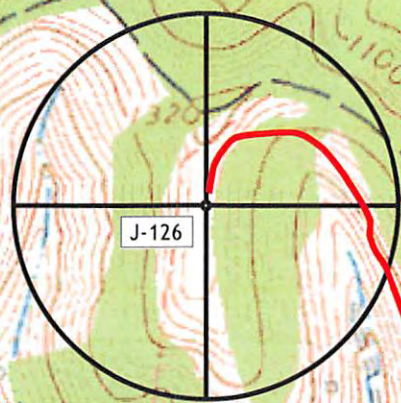
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Office of Oil & Gas
SEP 13 2016

Signature: 

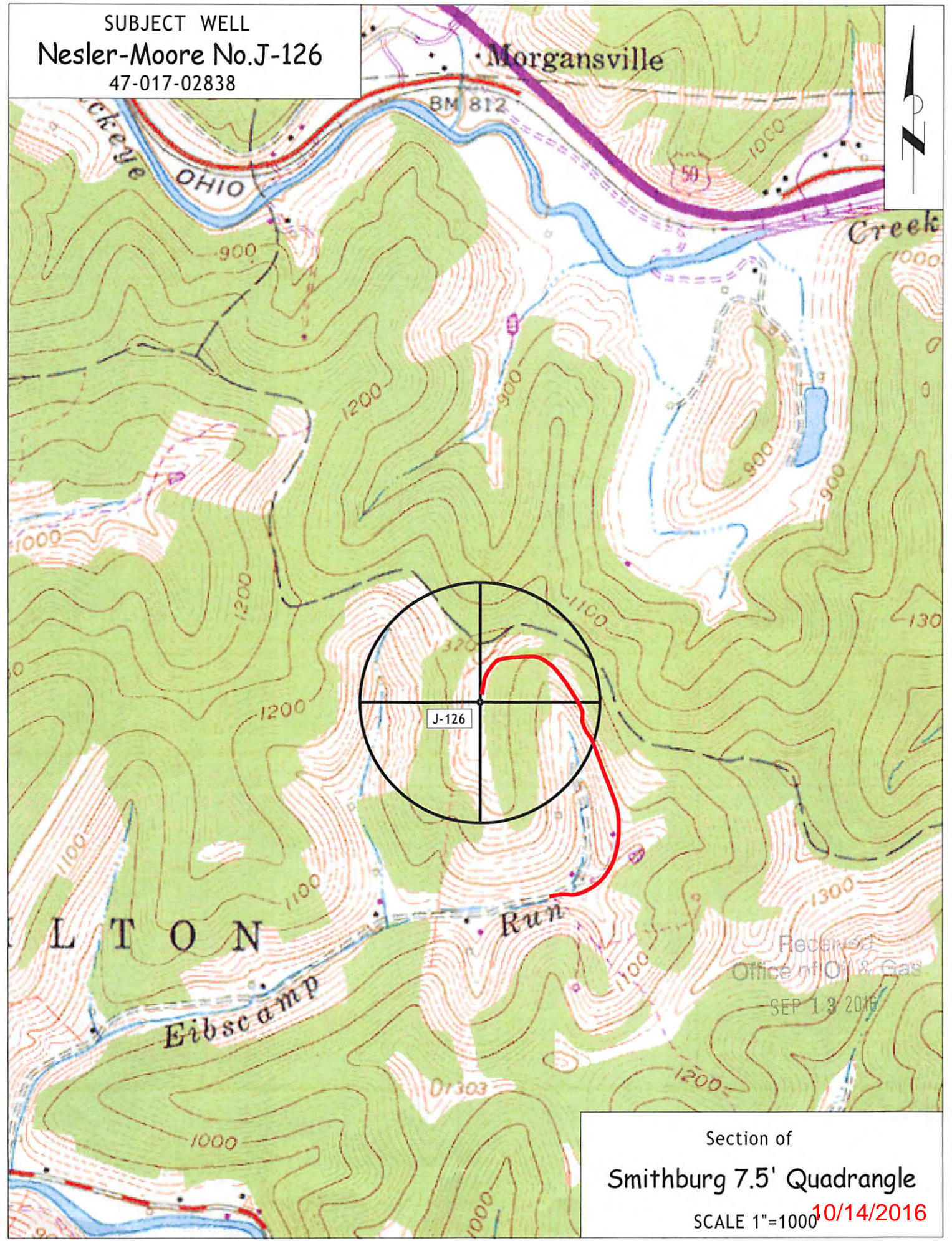
Date: 08/26/2016

1702838P

SUBJECT WELL
Nesler-Moore No.J-126
47-017-02838



J-126



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Office of Oil & Gas
SEP 13 2016

Section of
Smithburg 7.5' Quadrangle
SCALE 1"=1000' 10/14/2016

Longitude: 80°41' 38.4"

7,740'

1702838P

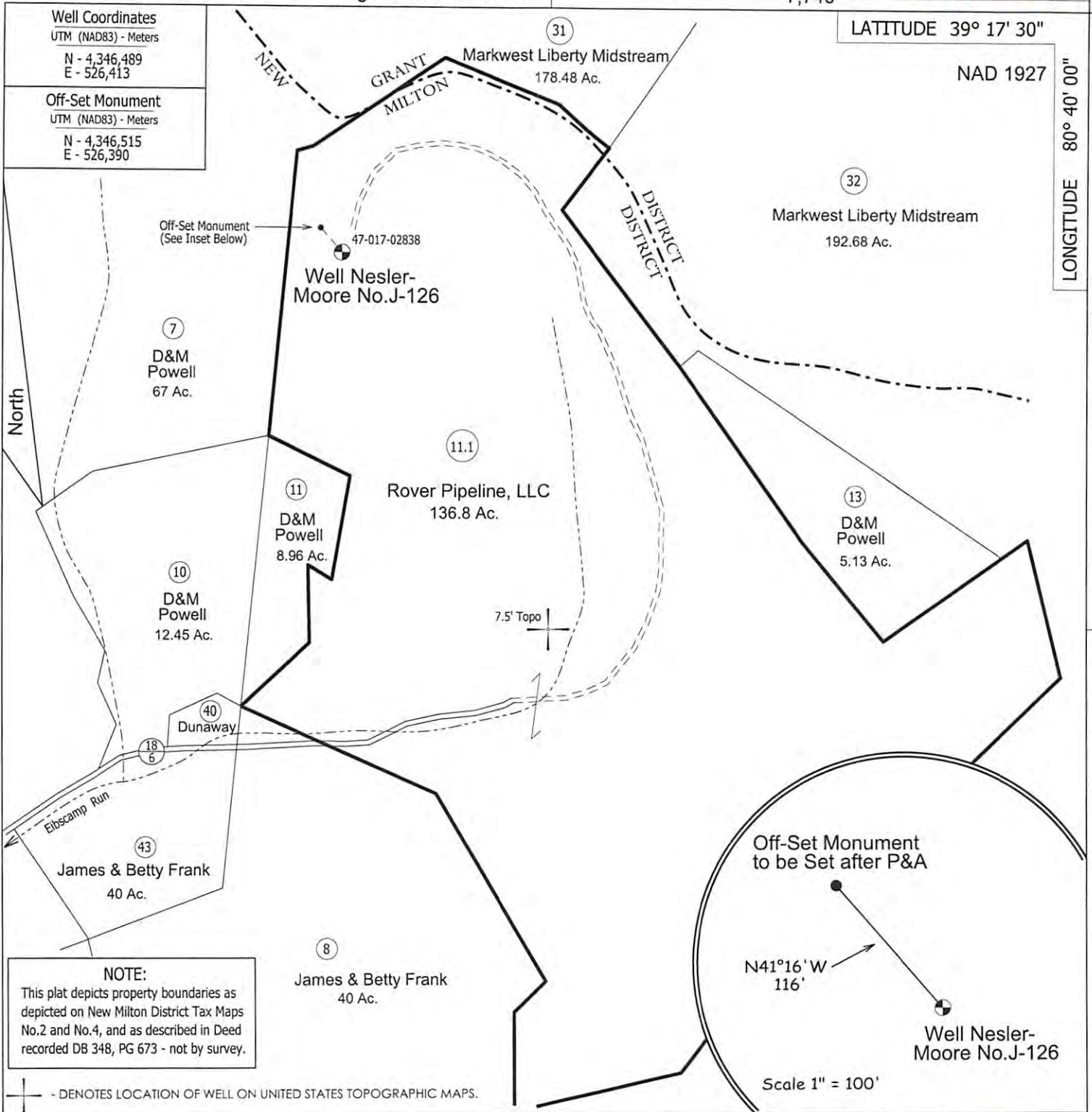
LATITUDE 39° 17' 30"

NAD 1927

LONGITUDE 80° 40' 00"

8,890'

Latitude: 38° 16' 02.1"



FILE NO. _____

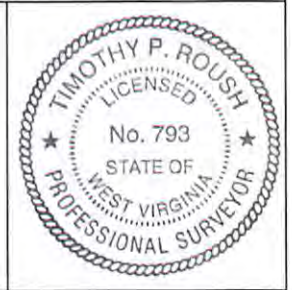
SCALE 1" = 500'

MINIMUM DEGREE OF ACCURACY Sub-Meter

PROVEN SOURCE OF ELEVATION DGPS Survey
(Sub-Meter Mapping Grade)

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 ENVIRONMENTAL PROTECTION.

(SIGNED) *Timothy P. Roush*
TIMOTHY P. ROUSH PS 793



WEST VIRGINIA
Division of Environmental Protection
Office of Oil and Gas
601 57th Street
Charleston, West Virginia 25301

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 1,282' WATERSHED Eibscamp Run
DISTRICT New Milton COUNTY Doddridge
QUADRANGLE Smithburg 7.5'

SURFACE OWNER Rover Pipeline, LLC ACREAGE 136.8 Ac.
OIL & GAS ROYALTY OWNER Howard Rivers et al. LEASE ACREAGE 136.8 Ac.
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 X CLEAN OUT AND REPLUG ___
TARGET FORMATION Alexander ESTIMATED DEPTH 5,580'

WELL OPERATOR ETC Northeast Development, LLC DESIGNATED AGENT Jeff Davis
ADDRESS 7000 Stonewood Drive, Suite 351 ADDRESS 7000 Stonewood Drive, Suite 351
Wexford, PA 15090 Wexford, PA 15090

DATE August 1, 2016
FARM Nesler-Moore No.J-126
API WELL NO. 47 - 017 - 02838P

Received
Office of Oil & Gas
10/14/2016
SEP 13 2016

FORM IV-6

Longitude: 80°41' 38.4"

7,740'

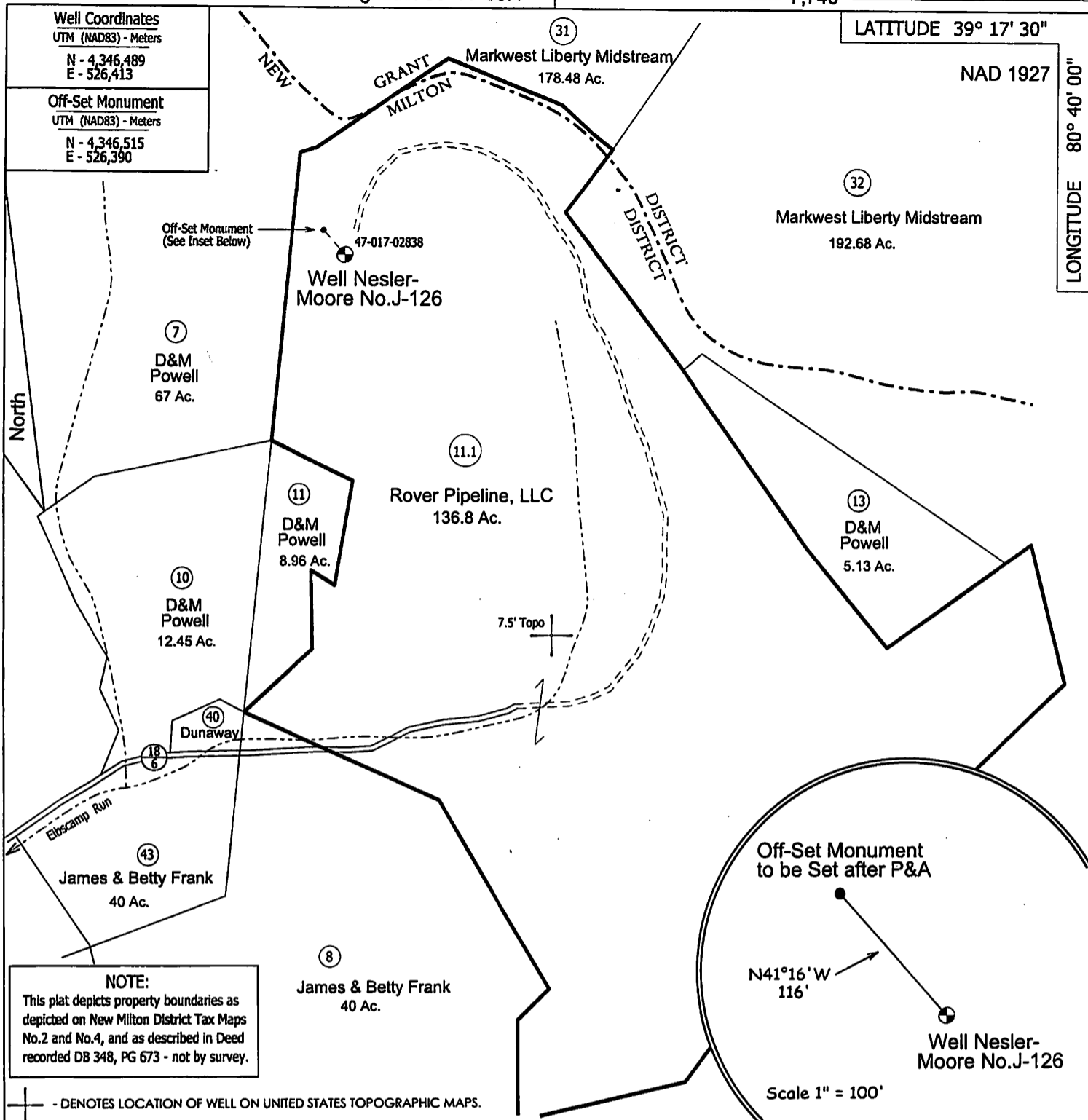
LATITUDE 39° 17' 30"

NAD 1927

LONGITUDE 80° 40' 00"

8,890'

Latitude: 38° 16' 02.1"



NOTE:
 This plat depicts property boundaries as depicted on New Milton District Tax Maps No.2 and No.4, and as described in Deed recorded DB 348, PG 673 - not by survey.

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

FILE NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY Sub-Meter
 PROVEN SOURCE OF ELEVATION DGPS Survey
 (Sub-Meter Mapping Grade)

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 ENVIRONMENTAL PROTECTION.

(SIGNED) [Signature]
 TIMOTHY P. ROUSH PS 793



WEST VIRGINIA
 Division of Environmental Protection
 Office of Oil and Gas
 601 57th Street
 Charleston, West Virginia 25301



DATE August 1, 2016
 FARM Nesler-Moore No.J-126
 API WELL NO. 47 - 017 - 02838 P

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 1,282' WATERSHED Eibscamp Run
 DISTRICT New Milton COUNTY Doddridge
 QUADRANGLE Smithburg 7.5'

SURFACE OWNER Rover Pipeline, LLC ACREAGE 136.8 Ac.
 OIL & GAS ROYALTY OWNER Howard Rivers et al. LEASE ACREAGE 136.8 Ac. 10/14/2016
 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 X CLEAN OUT AND REPLUG ___
 TARGET FORMATION Alexander ESTIMATED DEPTH 5,580'

WELL OPERATOR ETC Northeast Development, LLC DESIGNATED AGENT Jeff Davis
 ADDRESS 7000 Stonewood Drive, Suite 351 ADDRESS 7000 Stonewood Drive, Suite 351
Wexford, PA 15090 Wexford, PA 15090

FORM IV-6