



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

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Monday, February 22, 2021
WELL WORK PLUGGING PERMIT
Vertical Plugging

ALLIANCE PETROLEUM CO., LLC
101 MCQUISTON DRIVE
JACKSON CENTER, PA 16133

Re: Permit approval for 12774
47-053-00300-00-00

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

Operator's Well Number:
Farm Name: McKINNEY, R. M.
U.S. WELL NUMBER: 47-053-00300-00-00
Vertical Plugging
Date Issued: 2/22/2021

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 within two years of the date of issuance of this permit.

4705300300P

WW-4B
Rev. 2/01

1) Date January 26, 2021
2) Operator's
Well No. 12774
3) API Well No. 47-053 - 00300

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 815 ft Watershed Right Fork of Little Mill Creek
District Cologne County Mason Quadrangle Mt. Alto

6) Well Operator Alliance Petroleum Company 7) Designated Agent Jeff Mast
Address P.O. Box 6070 Address P.O. Box 6070
Charleston, WV 25362 Charleston, WV 25362

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Joe Taylor Name Diversified Production, LLC (In house rig)
Address 1478 Claylick Road Address 1951 Pleasant View Ridge Road
Ripley, WV 25271 Ravenswood, WV 26164

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

SEE ATTACHED
*All Free pipe will be Polled!!!
Cover all cuts with cement and all parts.*

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

Work order approved by inspector  Date 2-2-21

4705300300P

PLUGGING PROGNOSIS

API# 47-053-00300

West Virginia, Mason County

38.8220111171964, -81.8855392352672

Nearest Emergency Room: Jackson General Hospital, 122 Pinnell St, Ripley, WV 25271

Casing Schedule

24" csg @ 30'

16" csg @ 250' cemented to surface

10 3/4" csg @ 2444' cemented to surface

7 5/8" csg @ 3573' cemented w/ 90 sks est. TOC @ 1810' → 9 5/8" BIT USED TOC ≈ 2900
TD 3915'

Completion: Natural

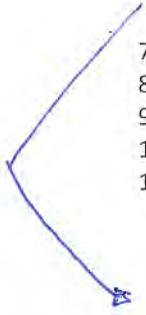
Fresh Water: none recorded

Gas Shows: Shale 3640'-3912'

Coal: none recorded

Elevation: 819'

1. Notify Inspector, Joe Taylor @ 304-380-7469, 48 hours prior to commencing operations.
2. Check and record pressures on csg.
3. Check TD w/ wireline.
4. TIH w/ tbg to 3912'. Load well as needed w/ 6% bentonite gel. Pump 389' C1A cement plug from **3912'-3523'** (Shale gas show and 7" csg st). Tag TOC. Top off as needed.
5. TOOH w/ tbg to 3523' and pump 6% bentonite gel from 3523'-819'. TOOH LD tbg.
6. Freepoint, cut and pull 7 5/8" csg. Set 100 C1A cement plug across cut. 50'in/out of cut. Do not omit any plugs listed below. Perforate as needed. ~~(cut 1800)~~ CUT @ ≈ 2950'.
7. TIH w/ tbg to 819'. Pump 100' C1A cement plug from **819'-719'** (Elevation).
8. TOOH w/ tbg to 719'. Pump 6% bentonite gel from 719'-100'.
9. TOOH w/ tbg to 100'. Pump 100' C1A cement plug from **100'-0'** (Surface). TOOH LD tbg.
10. Erect monument with API#, date plugged, and company name.
11. Reclaim location and road to WV-DEP specifications.



SET 100' CLASS A CEMENT PLUG ACROSS CUT

6a. SET 100' CLASS A CEMENT PLUG ACROSS 10 3/4" CRACK SHOE.

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JNM

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[Handwritten Signature]
2-2-21

WV GES HAS WELL LOGS ON FILE.

JNM



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IV-35
(Rev 8-81)

DEC 27 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date December 23, 1982
Operator's
Well No. 12774
Farm R. M. McKinney
API No. 47 - 053 - 0300

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

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

LOCATION: Elevation: 819 Watershed Right Fork of Little Mill Creek
District: Cologne County Mason Quadrangle Mt. Alto

COMPANY Consolidated Gas Supply Corp.
ADDRESS 445 W. Main St., Clarksburg, WV
DESIGNATED AGENT Thomas A. Kuhn
ADDRESS 445 W. Main St., Clarksburg, WV
SURFACE OWNER R. M. McKinney
ADDRESS 186 Crooked Creek Rd., Scott Depot, WV 25560
MINERAL RIGHTS OWNER R. M. McKinney
ADDRESS 186 Crooked Creek Rd., Scott Depot, WV
OIL AND GAS INSPECTOR FOR THIS WORK Kenneth
RFD 1
Butcher ADDRESS Barboursville, WV 25504
PERMIT ISSUED August 3, 1982
DRILLING COMMENCED September 15, 1982
DRILLING COMPLETED October 21, 1982
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 <u>20 7/16/24</u>			
<u>COND. ##</u>	<u>30</u>	<u>30</u>	
<u>10 3/4</u>			
<u>13-7/8</u>	<u>2444</u>	<u>2444</u>	To surface
<u>16</u>			
<u>19 3/8</u>	<u>250</u>	<u>250</u>	To surface
<u>8 5/8</u>			
<u>7 5/8</u>	<u>3573</u>	<u>3573</u>	90 sks.
<u>5 1/2</u>			
<u>4 1/2</u>			
<u>3</u>			
<u>2</u>			
Liners used			

GEOLOGICAL TARGET FORMATION Brown Shale Zone II Depth 3899 feet
Depth of completed well 3915 feet Rotary X / Cable Tools
Water strata depth: Fresh none feet; Salt none feet
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Shale Pay zone depth 3610 feet
Gas: Initial open flow no test Mcf/d Oil: Initial open flow ___ Bbl/d
Final open flow 118 Mcf/d Final open flow ___ Bbl/d
Time of open flow between initial and final tests ___ hours
Static rock pressure 475 psig (surface measurement) after 7 days 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 ___

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MASON - 0300

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

None

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Red Rock	Red		50	900	
Shale	Gray		900	950	
Red Rock	Red		950	1000	
Sand	White		1000	1200	
Shale	Gray		1200	1400	
Lime	White		1400	1500	
Sand	White		1500	1700	
Shale	Gray		1700	1900	
Shale	Dark Gray		1900	1950	
Shale	Gray		1950	2200	
Coffee Shale	Brown		2200	2215	
Sand	White		2215	2225	
Shale	Dark Gray		2225	3422	
Shale	Brown		3422	3466	
Shale	Gray		3466	3640	
Shale	Brown		3640	3912	
Gamma Ray					
Brown Shale Zone III			3422	3466	
Brown Shale Zone II			3640		

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(Attach separate sheets as necessary)

Consolidated Gas Supply Corp.

Well Operator

By: J. E. Payne Manager of Production
Date: December 23, 1982 *by Robert D. Bradley*

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."

WW-4A
Revised 6-07

1) Date: January 26, 2021

2) Operator's Well Number
12774

3) API Well No.: 47 - 053 - 00300

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

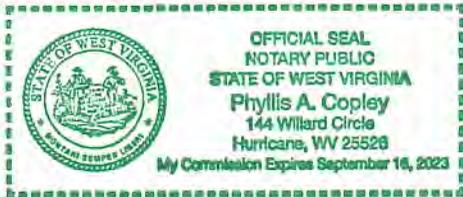
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>George A. and Penny L. Thaxton</u>	Name _____
Address <u>2697 Evans Road</u>	Address _____
<u>Collageville, WV 25239</u>	
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Joe Taylor</u>	(c) Coal Lessee with Declaration
Address <u>1478 Claylick Road</u>	Name <u>No Declaration</u>
<u>Ripley, WV 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 Alliance Petroleum Company, LLC
 By: [Signature] Jeff Mast
 Its: Director Production
 Address P.O. Box 6070
Charleston, WV 25362
 Telephone 304-543-6988

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Subscribed and sworn before me this 27th day of January 2021
Phyllis A. Copley Notary Public
 My Commission Expires September 16, 2023

WV Department of Environmental Protection

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.

47-053-00300P

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U.S. Postal Service™ CERTIFIED MAIL® RECEIPT <i>Domestic Mail Only</i>	
For delivery information, visit our website at www.usps.com	
Cottagesville, WV 25239	
OFFICIAL USE	
Certified Mail Fee \$3.60	0523
\$	03
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$2.85	
<input type="checkbox"/> Return Receipt (electronic) \$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery \$0.00	
<input type="checkbox"/> Adult Signature Required \$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$1.40	
\$	
Total Postage and Fees \$7.85	
\$	
Sent To George A. + Penny Thaxton 12774	
Street and Apt. No., or PO Box No. 2697 Evans Road	
City, State, ZIP+4® Cottagesville, WV 25239	
PS Form 3800, April 2015 PSN 7530-02-000-9047	Postmark Here JAN 27 2021 01/27/2021
	See Reverse for Instructions

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4705300300P

WW-9
(5/16)

API Number 47-053 -00300
Operator's Well No. 12774

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

Operator Name Alliance Petroleum Company, LLC OP Code 494506333

Watershed (HUC 10) Rt. Fk. of Little Mill Creek Quadrangle Mt. Alto

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: Plugging returns/cement

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 2D0550319)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

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

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

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

Additives to be used in drilling medium? _____

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

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

-Landfill or offsite name/permit number? _____

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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 [Signature]

Company Official (Typed Name) Jeff Mast

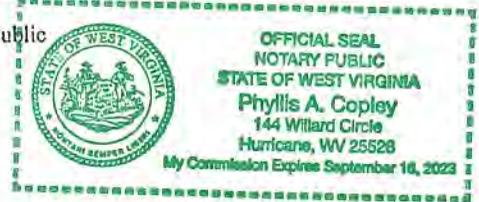
Company Official Title Director Production

Subscribed and sworn before me this 27th day of January, 2021

Phyllis A. Copley

Notary Public

My commission expires: September 16, 2023



Proposed Revegetation Treatment: Acres Disturbed 1 +/- Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or equivalent

Fertilizer amount _____ lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike	5	Alsike Clover	5
Annual Rye	15		

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: Joe Taylor

Comments: Sediment control will be in place at all time.

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Title: OOG Inspector

Date: 2-2-21

Field Reviewed? () Yes () No



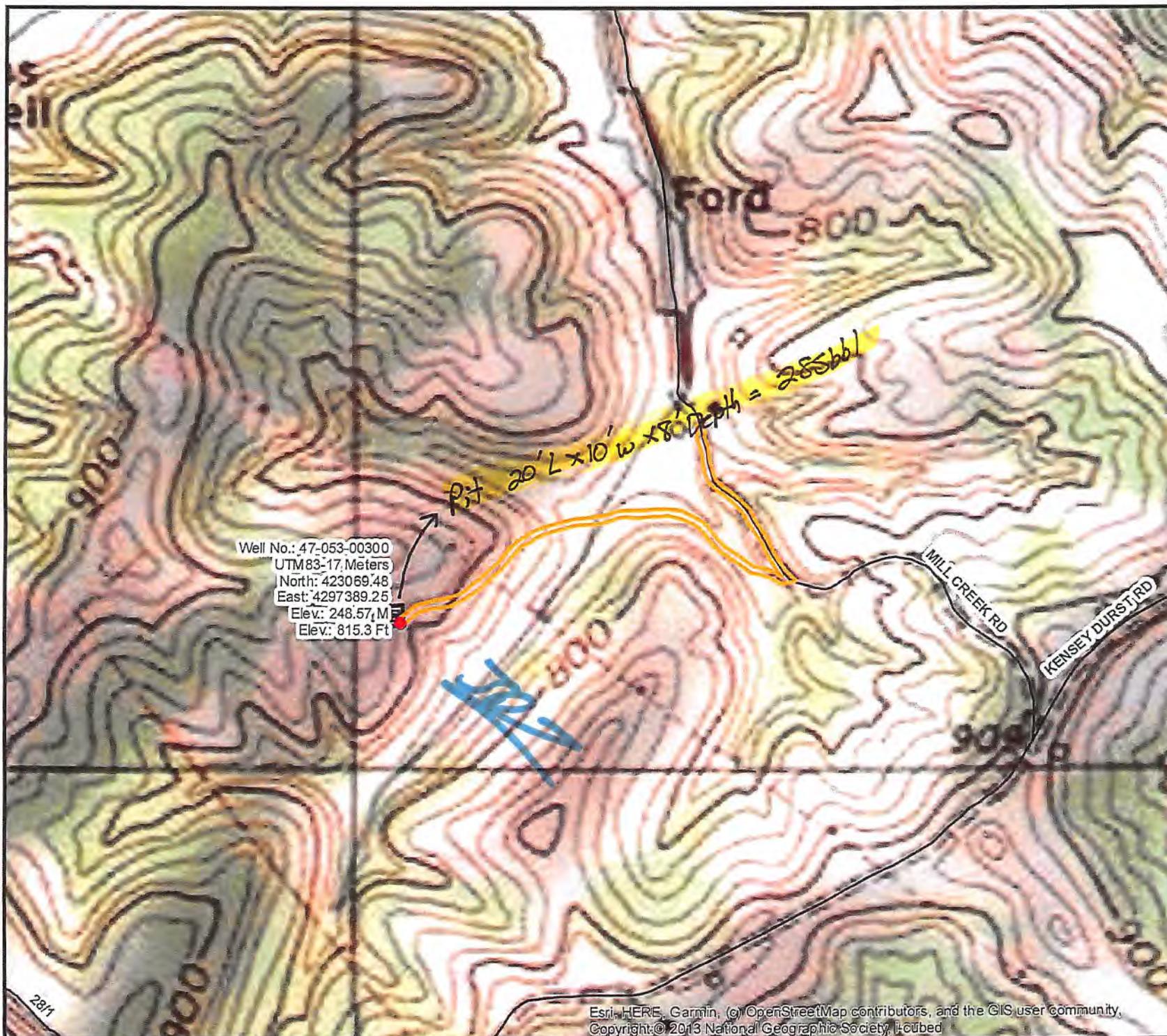
Diversified Gas & Oil
Corporation
100 Diversified Way
Pikeville KY, 41051

47-053-00300

Plugging Map

Legend

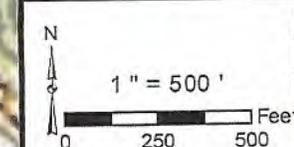
- Well
- Access Road
- ▨ Pits
- ▭ Pad
- Public Roads



Well No.: 47-053-00300
UTM 83-17, Meters
North: 423069.48
East: 4297389.25
Elev.: 248.57, M
Elev.: 815.3 Ft

285 bbl

285 bbl



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