



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

Monday, June 8, 2020

WELL WORK PLUGGING PERMIT
Vertical Plugging

ALLIANCE PETROLEUM CO., LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 1A (156091)
47-021-03630-00-00

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: 1A (156091)
Farm Name: GERSTNER
U.S. WELL NUMBER: 47-021-03630-00-00
Vertical Plugging
Date Issued: 6/8/2020

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.

WW-4B
Rev. 2/01

1) Date February 27, 2020
2) Operator's
Well No. 156001
3) API Well No. 47-021-03630

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 ___ or Underground storage ___) Deep ___ / Shallow X ___

5) Location: Elevation 284.63 m Watershed Stewart Creek (Upper Little Kanawha River)
District Troy County Gilmer Quadrangle Glenville

6) Well Operator Alliance Petroleum Company, LLC 7) Designated Agent David Dean
Address 1997 Old Weston Road Address 1997 Old Weston Road
Buckhannon, WV 26201 Buckhannon, WV 26201

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Danny Mullins Name R & J Well Service, Inc.
Address 220 Jack Acres Road Address P.O. Box 40
Buckhannon, WV 26201 Hueysville, KY 41640-0040

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

SEE ATTACHED SHEET

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

Work order approved by inspector Danny Mullins Date 2-20-2020

PLUGGING PROGNOSIS

156091

West Virginia, Gilmer County

API# 47-021-03630

Completed by S.T.

Updated 12/12/2019

Casing Schedule

8 5/8" csg @ 441' cemented to surface

4 1/2" csg @ 4810' cemented 200 sks. Estimated TOC @ 2650'.

Completion: Frac**Fresh Water:** No shows**Gas Shows:** Benson 4349'-4353', Elk 4685'-4738'**Oil Show:** No shows**Coal:** No shows**Elevation:** 922'

1. Notify Inspector, Danny Mullens @ 304-932-6844, 48 hours prior to commencing operations.
2. Check and record pressures on csg.
3. Check TD w/ wireline.
4. TIH w/ tbg to 4685'. Load well as needed w/ 6% bentonite gel. Pump 153' C1A cement plug from **4738'-4585' (Elk Gas Show)**.
5. TOOH w/ tbg to 4585'. Pump 6% bentonite gel from **4585'-4349'**.
6. TOOH w/ tbg to 4349'. Pump 104' C1A cement plug from **4353'-4249' (Benson gas show)**.
7. TOOH w/ tbg to 4249'. Pump 6% bentonite gel from **4249'-922'**. TOOH LD tbg
8. Free Point 4.5" csg. Cut and pull. Set 100' C1A cement plug across csg Cut. 50' in/out of cut. Do not omit any plugs listed below. Perforate as needed
9. TIH w/ tbg to 922'. Pump 100' C1A cement plug from **922'-822' (Elevation)**.
10. TOOH w/ tbg to 822'. Pump 6% bentonite gel from **822'-100'**.
- ★ 11. TOOH w/ tbg to 100'. Pump 100' C1A cement plug from **100'-0' (Surface)**.
12. Erect monument with API#, date plugged, and company name.
13. Reclaim location and road to WV-DEP specifications.

★ SET 100' CLASS A CEMENT PLUG
ACROSS 8 5/8" CASING SINOE FROM
491' TO 391'.

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Well 156091
 API 47-021-03630
 page 1 of 2

47-021-03630P

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

Date May 19, 19 80
 Operator's Well No. Gerstner 1A
 API Well No. 47-021-3630
 State County Permit

FORM IV-35
 (Obverse)
 [08-78]

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: 922' Watershed: Stewart Creek
 District: Glenville County: Gilmer Quadrangle: Glenville

WELL OPERATOR WACO Oil & Gas Inc. DESIGNATED AGENT Jerry Masoner
 Address Box 4 Address Box 4
Glenville, WV 26351 Glenville, WV 26351

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

PERMIT ISSUED ON May 1, 19 80 OIL & GAS INSPECTOR FOR THIS WORK:
 (IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED) Name Paul Goodnight
 Address _____
Smithville, WV

GEOLOGICAL TARGET FORMATION: Benson-Elk Depth 4875 feet
 Depth of completed well, 4875 feet Rotary X / Cable Tools ___
 Water strata depth: Fresh, ___ feet; salt, ___ feet.
 Coal seam depths: NIA Is coal being mined in the area? ___
 Work was commenced May 5, 19 80, and completed May 9, 19 80

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILT OR SACKS (Cul. feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor								Kinds
Fresh water								
Coal								Sizes
Intermediate	8 5/8	ERW	20	X		441	441	150 sks.
Production	4 1/2	J-55	9.5	X			4810	200 sks.
Tubing								Depths set
Liners								Perforations:
								Top Bottom

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 OIL & GAS DIVISION
 DEPT. OF MINES
 MAY 20 1980

OPEN FLOW DATA

Producing formation Elk Pay zone depth 4685-4738 feet
 Gas: Initial open flow, Show Mcf/d Oil: Initial open flow, N/A Bbl/d
 Final open flow, 1,200 Mcf/d Final open flow, N/A Bbl/d
 Time of open flow between initial and final tests, 8 hours
 Static rock pressure, 1600 psig (surface measurement) after 72 hours shut in
 [If applicable due to multiple completion--]
 Second producing formation Benson Pay zone depth 4349-4352 feet
 Gas: Initial open flow, Show Mcf/d Oil: Initial open flow, N/A Bbl/d
 Final open flow, 1200 Mcf/d Final open flow, N/A Bbl/d
 Time of open flow between initial and final tests, 8 hours
 Static rock pressure, 1600 psig (surface measurement) after 72 hours shut in

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Well 156091
API 47-021-03630
Page 2 of 2

47-021-03630P

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

May 16, 1980
Elk Perf 4685 to 4738
20,000 80/100 sand
40,000 20/40 sand
500 gals acid
500 bbls. treated water

Benson Perf 4349 to 4353
20,000 80/100 sand
40,000 20/40 sand
750 gals. acid

WELL LOG 500 bbls. treated water

FORMATION	Color	Hard or Soft	§		Remarks Including indication of all fresh and salt water, coal, oil and gas
			Top Feet	Bottom Feet	
Shale Brown			0	15	
Shale Black			15	33	
Sand			33	50	
Shale			50	170	
Sand			170	360	
Shale			360	392	
Sand			392	470	
Shale			470	530	
Sand			530	570	
Shale			570	710	
Sandy Shale			710	1444	
Little Lime			1444	1472	
Shale			1472	1490	
Big Lime			1490	1562	
Sand			1562	1652	
Shale Sandy			1652	4875	

(Attach separate sheets to complete as necessary)

Waco Oil & Gas Company Inc.
Well Operator
By Jerry Mason
Its Agents

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."

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WW-4A
Revised 6-07

1) Date: February 27, 2020
2) Operator's Well Number
156091
3) API Well No.: 47 - 47-021 - 03630

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 Daniel E. Johnson	Name None
Address 87 Bonnett Hollow Glenville, West Virginia 26351	Address
(b) Name	(b) Coal Owner(s) with Declaration
Address	Name Blackhawk Land and Resource, LLC
	Address Attn: Land Department, 1801 Watergap Road Prestonsburg, Kentucky 41653
(c) Name	Name
Address	Address
6) Inspector Danny Mullins	(c) Coal Lessee with Declaration
Address 220 Jack Acres Road Buckhannon, West Virginia 26201	Name None
Telephone 304-932-6844	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.

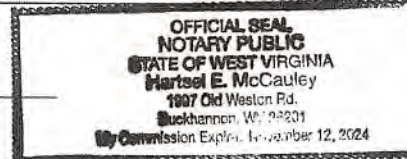
The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

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 Alliance Petroleum Company, LLC
 By: *David Dean*
 Its: Vice President Production
 Address 1997 Old Weston Road
 Buckhannon, WV 26201
 Telephone 304-614-2963

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WV Department of
Environmental Protection

Subscribed and sworn before me this 13th day of March 2020
Hartsel E. McCauley Notary Public
 My Commission Expires November 12, 2024



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.

Well 156091
47-021-03630

7017 1450 0002 3854 0573

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
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For delivery information, visit our website at www.usps.com®.

GLENVILLE, WV 26351

OFFICIAL USE

Certified Mail Fee	\$3.55	0523
\$		04
Extra Services & Fees (check box, add fee as appropriate)	\$2.85	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	
<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	\$0.00	
Postage	\$1.60	
\$		
Total P	\$8.00	03/16/2020
\$		
Sent To	156091 P&A	
Street	Daniel E. Johnson	
City, State	87 Bonnett Hollow	
	Glenville, WV 26351	
PS Form 3842		Instructions

7017 1450 0002 3854 0566

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CERTIFIED MAIL® RECEIPT
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PRESTONSBURG, KY 41653

OFFICIAL USE

Certified Mail Fee	\$3.55	0523
\$		04
Extra Services & Fees (check box, add fee as appropriate)	\$2.85	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	
<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	\$0.00	
Postage	\$1.60	
\$		
Total Post	\$8.00	03/16/2020
\$		
Sent To	156091 P&A	
Street and	Blackhawk Land and Resource, LLC	
City, State	Att: Land Department	
	1801 Watergap Road	
	Prestonsburg, KY 41653	
PS Form 3842		See reverse for instructions

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WW-9
(5/16)

API Number 47 - 021-03630
Operator's Well No. 156091

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) Stewart Creek (050302030308) Upper Little Kanawha River Quadrangle Glennville

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.? 20

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 _____)

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

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

-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? _____

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 David Dean

Company Official (Typed Name) David Dean

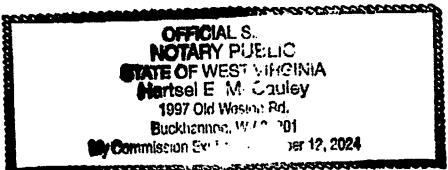
Company Official Title Vice President Production

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Subscribed and sworn before me this 13th day of March, 2020

Hartel E. McCauley Notary Public

My commission expires: November 12, 2024



Form WW-9

Operator's Well No. 156091

Proposed Revegetation Treatment: Acres Disturbed _____ Prevegetation pH _____
Line 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:

Dennis M. Miller

Comments:

Title: *ODS Inspector*

Date: *3-20-2020*

Field Reviewed? () Yes () No

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

Operator Name: Alliance Petroleum Company LLC

Watershed (HUC: 10): Stewart Creek HUC ID # 050302030308 (Upper Little Kanawha River) Quad: Glenville

Farm Name: Gerstner et al

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

Treatment of the fluid will include adjusting pH and precipitating out solids as needed. Fluid will be discharged in a manor to eliminate sediment runoff.

The potential contaminates are class A cement, bentonite gel, and produced fluids. These contaminates are circulated to surface during plugging operations.

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

The contaminants are circulated to surface and drainage controlled into a line pit. The cement and gel are allowed to settle out in the pit. The produced fluids will then be tested and if treatable treated and ground applied. Otherwise the produced fluids will be hauled to a commercial injection well.

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

Closest body of water is Stewart Creek (487'). The discharge area is located in excess of 5 miles to the nearest wellhead protection area.

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

There are no activities at this facility regulated for groundwater protection. The facility is a non producing gas well without a tank.

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

There is no existing ground water quality data at this site or adjacent properties

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

No waste material will be used for deicing or fill material on this property.

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.

DGOC supervision will manage testing and contract employees on site. DGOC supervision will ensure testing is within all required parameters prior to discharging and utilize silt fencing as needed to eliminate erosion.

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

A job safety analysis will be completed each day on site to discuss the procedures, safety, and inspect all GPP elements and equipment.

Signature: [Handwritten Signature]

Date: 2-24-2020

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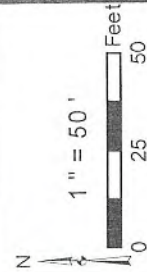
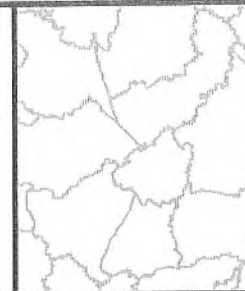
Diversified Gas & Oil
Corporation
100 Diversified Way
Pikeville, KY, 41051

156091

Plugging Map

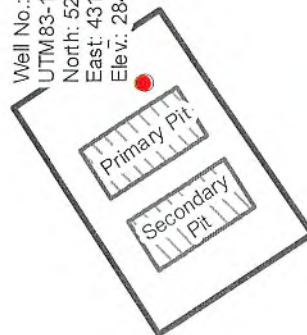
Legend

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



47-021-03630 P

Well No.: 156091
UTM83-17 Meters
North: 521288.92
East: 4313947.66
Elev.: 284.63



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

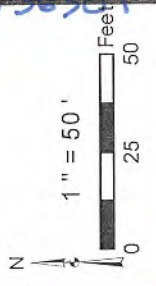
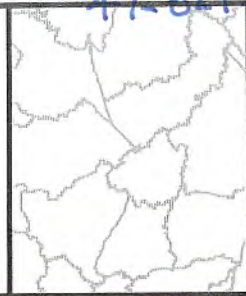
156091

Plugging Map

Legend

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

Pit
20' L x 10' W x 8' D



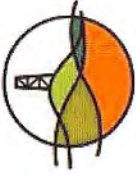
Well No.: 156091
UTM 83-17, Meters
North: 521288.92
East: 4313947.66
Elev.: 284.63

Primary Pit

Secondary Pit

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

17-021-03630-P








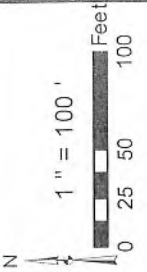
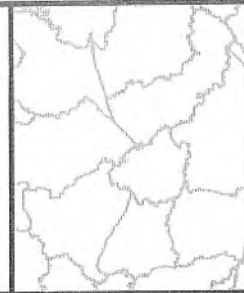
Diversified Gas & Oil Corporation
 100 Diversified Way
 Pikeville KY, 41051

156091

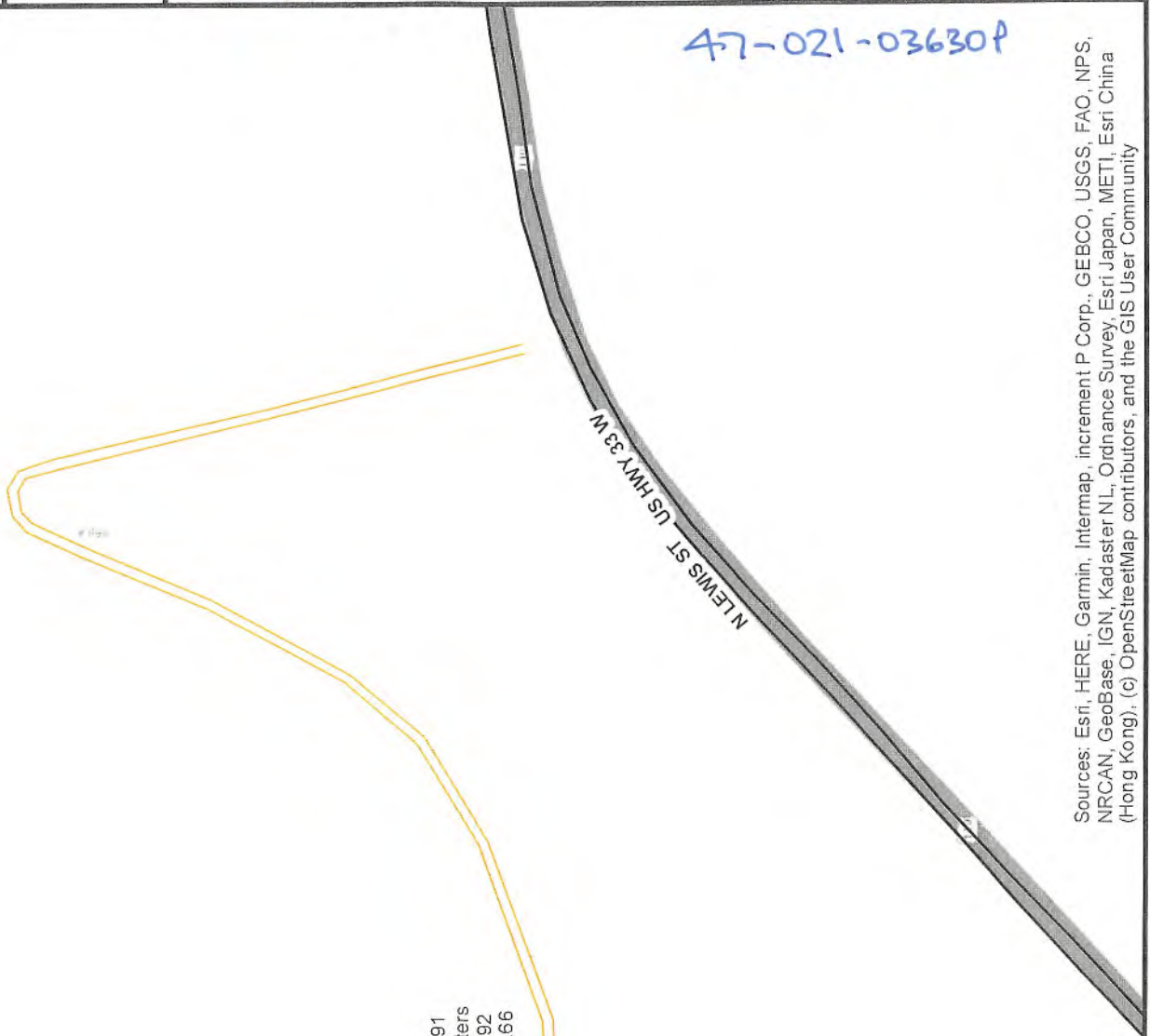
Plugging Map

Legend

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



47-021-03630P



Well No.: 156091
 UTM83-17 Meters
 North: 521288.92
 East: 4313947.66
 Elev.: 284.63



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Geobase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

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

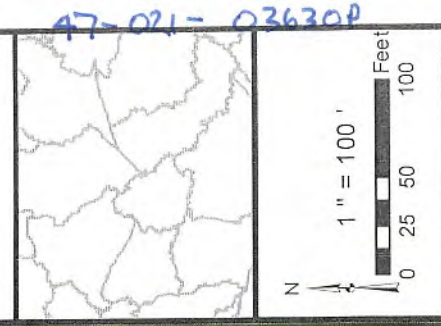
156091

Plugging Map

Legend

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

Per
20' L x 10' W x
8' D = 285 BM3



Well No.: 156091
 UTM 83-17, Meters
 North: 521288.92
 East: 4313947.66
 Elev.: 284.63

Primary Pit
 Secondary Pit

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community






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

155091

Plugging Map

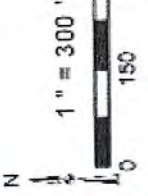
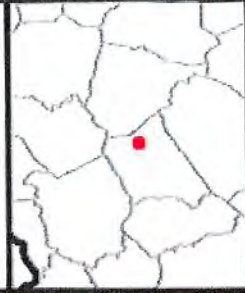
APT # 47-021-03638

Legend

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

Nearest wellhead
Protection area

9.3 miles



WW-7
8-30-06



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

API: 47-021-03630 WELL NO.: 156091
FARM NAME: Gerstner et al
RESPONSIBLE PARTY NAME: Alliance Petroleum Company LLC
COUNTY: Gilmer DISTRICT: Troy
QUADRANGLE: Glenville
SURFACE OWNER: Daniel E. Johnson
ROYALTY OWNER: Diversified Production LLC, Abarta Oil & Gas Inc, Braxton Oil & Gas Inc
UTM GPS NORTHING: 521,288.92 (933.6')
UTM GPS EASTING: 4,313,947.66 GPS ELEVATION: 284.63 m

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 X
Real-Time Differential ____

4. **Letter size copy of the topography map showing the well location.**
I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

[Signature] Engineer III 2-24-2020
Signature Title Date

RECEIVED
Office of Oil and Gas
MAR 18 2020
WV Department of
Environmental Protection

Alliance Petroleum Company, LLC
Well Number: 156091
API #: 47-021-03630

PLUGGING PERMIT CHECKLIST

Plugging Permit

- WW-4B
- WW-4B signed by inspector
- WW-4A
- SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- WW-9 PAGE 1 (NOTARIZED)
- WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
- WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
- RECENT MYLAR PLAT OR WW-7
- WELL RECORDS/COMPLETION REPORT
- TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
- MUST HAVE VALID BOND IN OPERATOR'S NAME
- CHECK FOR \$100 IF PIT IS USED

RECEIVED
Office of Oil and Gas
MAR 18 2020
WV Department of
Environmental Protection

CK# 4000002563
Amt \$ 100
Date 2/20/20