



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

Jim Justice , Governor
Austin Caperton , Cabinet Secretary
www.dep.wv.gov

Wednesday, November 15, 2017
WELL WORK PERMIT
Vertical / Plugging

ALLIANCE PETROLEUM CORPORATION
4150 BELDEN VILLAGE AVENUE NW, SUITE 410

CANTON, OH 447182553

Re: Permit approval for 1
47-001-00544-00-00

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: 1
Farm Name: QUEEN, NELLIE B.
U.S. WELL NUMBER: 47-001-00544-00-00
Vertical / Plugging
Date Issued: 11/15/2017

Promoting a healthy environment.

11/17/2017

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. This well is under a consent order and must be plugged under the terms of that agreement.

1-00544 P

WW-4B
Rev. 2/01

1) Date September 11, 2017
2) Operator's
Well No. Nellie B. Queen #1
3) API Well No. 47-001 - 00544

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

ck#
0068024
\$100.00

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 1275' Watershed Simpson Creek
District Pleasant County Barbour Quadrangle Philippi

6) Well Operator Alliance Petroleum Corporation 7) Designated Agent Dora Silvis
Address 4150 Belden Village Ave. NW, Suite 410 Address 4150 Belden Village Ave. NW, Suite 410
Canton, OH 44718-2553 Canton, OH 44718-2553

8) Oil and Gas Inspector to be notified Name Kenneth Greynolds
Address 613 Broad Run Road
Jane Lew, WV 26378
9) Plugging Contractor Name Taylor Trucking and Dozer Service
Address 7147 Hackers Creek Road
Buckhannon, WV 26201

SEE ATTACHED WORK ORDER

10) Work Order: The work order for the manner of plugging this well is as follows:
Use contract service rig, ~~RIH and rip 4 1/2" casing at 3900'~~, Pull Csg., RIH with 2 3/8" tbg., spot
100' API class A cement plug on bottom 4711' to 4611', and from 4611' to 4511' over perms
Perforations are 4595' to 4598' Benson. WOC, Fill from 4511' to 4190' with 6% gel
Spot 100' cement plug 4190'-4090' over perms. Perforations are 4195'-4179'. WOC, fill with 6% gel 4090' to 3900',
Spot 100' cement plug over casing cut 3900'-3800'. WOC, Fill with 6% gel 3800'-1275',
Place 100' cement plug at Salt water stratum, elevation 1275'-1175', WOC, Fill with 6% gel to
Surface casing shoe 907', Place 100' expandable cement plug over shoe 907'-807',
Fill with 6% gel 807'- 200', Place 200' cement plug at surface 200'-0', Construct 30" monument. Complete reclamation.

SEE ATTACHED WORK ORDER.

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WV Department of
Environmental Protection

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

Work order approved by inspector Kenneth Greynolds Date 10-2-17

11/17/2017

Operator: Alliance Petroleum Corporation

WW-4B 10) Work Order

1. Use contract service rig. Trip in hole with 2 3/8" work string and spot gel.
2. Set Class A cement plug from 4600' to 4500'. WOC.
3. Tag plug, add cement if needed. Set 100' Class A cement plug from 4200' to 4100'.
4. WOC. Tag cement plug with work string. Add cement if necessary.
5. Freepoint, cut and TOOH with 4 1/2" casing. Add gel.
6. Set a 100' Class A cement plug across the 4 1/2" casing cut (~ 3900'). WOC.
7. Add 6% gel to 1275'. Set 100' Class A cement plug from 1275' to 1175' (elevation).
8. Set a Class A cement plug from 957' to 857' across 8 5/8" casing shoe.
9. WOC. Add gel if needed. Set a Class A cement plug from 600' to 500' across coal seam.
10. Add 6% gel from 500' to 200'.
11. Set Class A cement plug from 200' to surface.
12. Set a permanent marker consisting of a length of pipe (minimum diameter 6") filled with concrete. It shall be erected over the well and extend no less than 30" above the surface and no less than 10 feet below the surface and into the well.
13. Remove surface equipment and reclaim.

All cement plugs must be a minimum of 100' Class A cement with no more than 3 % CaCl₂ and no other additives.

All other wellbore volumes must be filled with gel. Our definition of gel is fresh water with at least 6% bentonite, by weight.

All free casing must be removed from well

When free casing cannot be removed, casing must be perforated and cemented to cover all fresh water zones, salt water shows, oil and gas shows and coal seams.

Jeff M. E. Leighton
11/15/17

11/17/2017

WV3.1241

100544P

Form OG-10



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JAN 21 1971

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

Rotary
Spudder
Cable Tools
Storage c. MGT

39-15
2-31

Quadrangle Phillipi

WELL RECORD

Permit No. Bar. 544

Oil or Gas Well Gas
(KIND)

Company Union Drilling Inc.
Address P.O. Box 347, Buckhannon, W. Va.
Farm Hellie B. Queen Acres 88
Location (waters) Simpson Creek
Well No. 211-CH Elev. 1275
District Pleasant County Barbour
The surface of tract is owned in fee by O. J. Queen
Glen Burnie Address Maryland
Mineral rights are owned by Hellie B. Queen
Box 347 Address Buckhannon, W. Va.
Drilling commenced December 4, 1970
Drilling completed December 11, 1970
Date Shot From To
With

| Casing and Tubing | Used in Drilling | Left in Well | Packer |
|-------------------|------------------|--------------|-------------------|
| Size | | | Kind of Packer |
| 16 | | | |
| 13 3/8 | 25' | 25' | |
| 10 | | | Size of |
| 8 1/2 5/8 | 907 | 907 | |
| 6 1/2 | | | Depth set |
| 5 3/16 | | | |
| 4 1/2 | 1672 | 1672 | |
| 3 | | | Perf. top 1179 |
| 2 | | | Perf. bottom 1195 |
| Liners Used | | | Perf. top 1595 |
| | | | Perf. bottom 1598 |

Open Flow 6 /10ths Water in 1.5 Inch
/10ths Merc. in _____ Inch
Volume 13,000 Cu. Ft.
Rock Pressure _____ lbs. hrs.
Oil _____ bbls. 1st 24 hrs.

Attach copy of cementing record.
CASING CEMENTED 8 5/8 SIZE 907 No. PL-5-70 Date
Amount of cement used (bags) 160
Name of Service Co. Ready Oil and Gas
COAL WAS ENCOUNTERED AT 548 FEET 108 INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

WELL ACIDIZED (DETAILS) _____
WELL FRACTURED (DETAILS) Benson 30,500 water frac Riley 36,500 water frac 80,000 #
sand total

RESULT AFTER TREATMENT (Initial open flow or bbls.) 11,700,000
ROCK PRESSURE AFTER TREATMENT 1250 HOURS 40
Fresh Water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Benson & Riley Depth 1172-1200 1596-1604

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth | Remarks |
|-------------------|-------|--------------|------|--------|-------------------|-------|---------|
| Gley | | | 0 | 49 | | | |
| Sand & RR | | | 49 | 265 | | | |
| RR, shale, & sand | | | 265 | 537 | | | |
| Sand & Shale | | | 537 | 548 | | | |
| Coal | | | 548 | 557 | | | |
| Sand & Shale | | | 557 | 750 | | | |
| Sandy shale | | | 750 | 918 | | | |
| Shale | | | 918 | 923 | | | |
| Shale | | | 923 | 944 | | | |
| Sand | | | 944 | 1109 | | | |
| Sand & RR | | | 1109 | 1358 | | | |
| Sand & Shale | | | 1358 | 1370 | | | |
| Big Lime | | | 1370 | 1742 | | | |
| Sand & Shale | | | 1742 | 1805 | | | |
| Sand | | | 1805 | 2045 | | | |
| Gants Sand | | | 2045 | 2100 | | | |
| Sand & Shale | | | 2100 | 2115 | | | |
| Iron & RR | | | 2115 | 2190 | | | |
| Shale | | | 2190 | 2195 | | | |
| Sand | | | 2195 | 2518 | | | |
| Sand & Shale | | | 2518 | 2511 | | | |
| 5th Sand | | | 2511 | 2589 | | | |
| Shale | | | 2589 | 2727 | | | |
| Shale | | | 2727 | 3086 | | | |
| Sandy Shale | | | 3086 | 3305 | | | |
| Sandy Shale | | | 3305 | 3620 | | | |

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| Formation | Color | Hard or Soft | Top / | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|--------------|-------|--------------|-------|--------|-------------------|-------------|---------|
| Shale | | | 3620 | 3845 | | | |
| Sand & Shale | | | 3845 | 4110 | | | |
| Shale | | | 4110 | 4171 | | | |
| Riley | | | | | | | |
| Sand | | | 4171 | 4200 | | | |
| Shale | | | 4200 | 4596 | | | |
| Benson | | | 4596 | 4604 | | | |
| Shale | | | 4604 | 4670 | | | |
| Shale | | | 4670 | 4711 | | | |

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Date Jan 19, 1971
APPROVED Union Drilling Co. Owner
By Thomas B. D...
(Title)

00-11

Come out of 544

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

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DEC 14 1970

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 9AR-544

Oil or Gas Well _____
(KIND)

| | | | | |
|---|-------------------|------------------|--------------|----------------|
| Company <u>Union Drilling Co.</u> | CASING AND TUBING | USED IN DRILLING | LEFT IN WELL | PACKERS |
| Address <u>Buckhorn, W. Va.</u> | Size | | | |
| Farm <u>Hellie B. Price</u> | 16 | | | Kind of Packer |
| Well No. <u>1 (CA-8149)</u> | 13 | 18' | | |
| District <u>Pleasant</u> County <u>Baird</u> | 10 | | | Size of |
| Drilling commenced <u>12-3-70</u> | <u>9 1/8"</u> | <u>917'</u> | | Depth set |
| Drilling complete _____ Total depth _____ | 6 3/8 | | | |
| Date shot _____ Depth of shot _____ | 5 3/16 | | | |
| Initial open flow _____ /10ths Water in _____ Inch | 3 | | | Perf. top |
| Open flow after tubing _____ /10ths Merc. in _____ Inch | 2 | | | Perf. bottom |
| Volume _____ Cu. Ft. | Liners Used | | | Perf. top |
| Rock pressure _____ lbs. _____ hrs. | | | | Perf. bottom |
| Oil _____ bbls., 1st 24 hrs. | | | | |
| Fresh water <u>50</u> feet _____ feet | | | | |
| Salt water <u>970</u> feet _____ feet | | | | |

CASING CEMENTED 13" 18" 11 S&S Com.
8 5/8" SIZE 917 No. FT. 160 S&S Com 4% C.C.
 NAME OF SERVICE COMPANY Ready Date 3/6/61
 COAL WAS ENCOUNTERED AT 60 FEET 30 INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

Drillers' Names Price - Lufford - Whisman

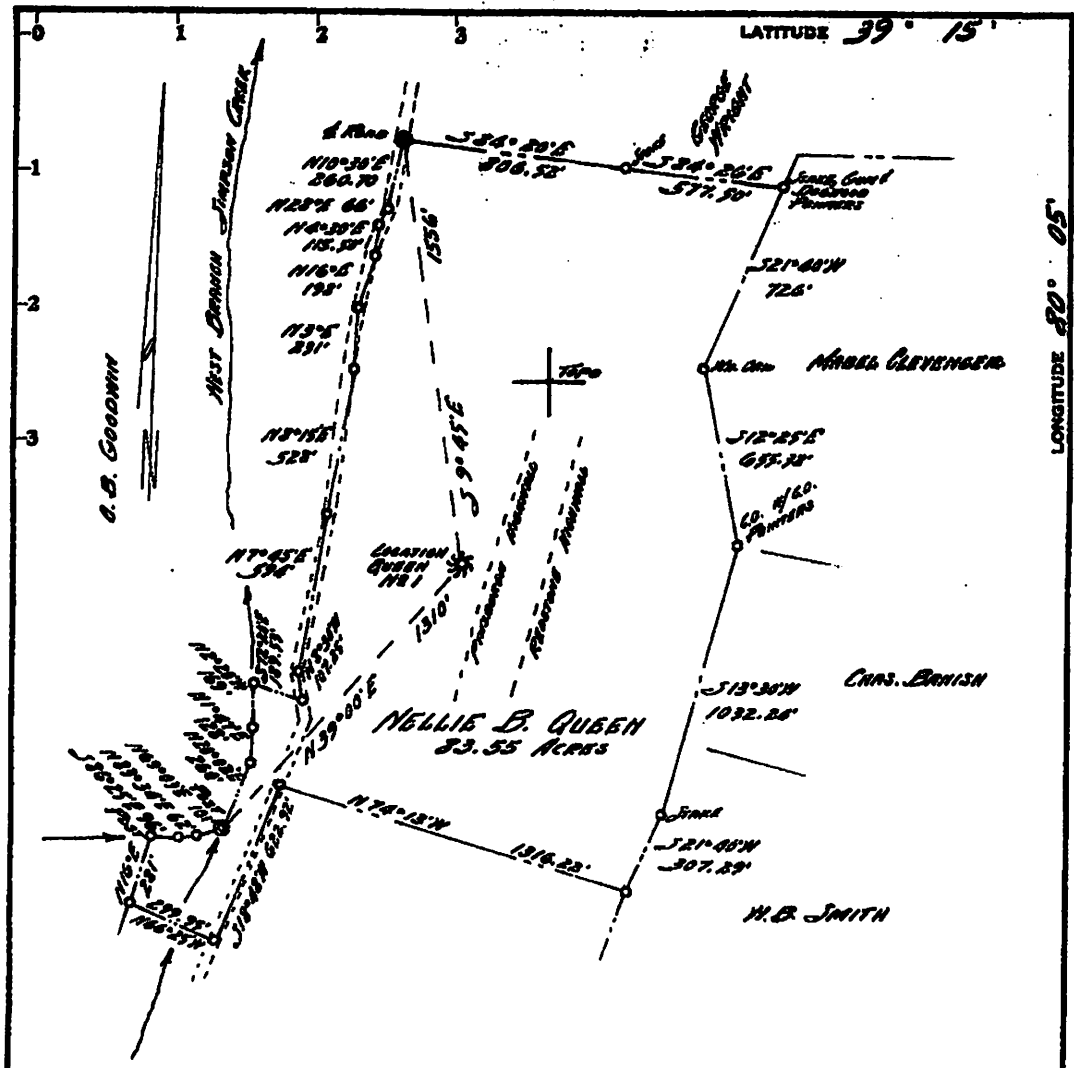
Remarks: Cement never placed
Hole circulated w/ fresh water, as soon as cement started out - Let
Drill. on Soap at 3200' Circulation
P+OK

12-9-70
DATE

P. P. Thomas
DISTRICT WELLS INSPECTOR

WV3. 1241

11/16/70CEN



Minimum Error of Closure $\frac{1}{2},000$

Source of Elevation - BRIDGE AT BROWNTON 2300'S NORTH

OF LOCATION 66 = 1123

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.

Signed: *Paul G. Dean*

- Fracture
- New Location
- Drill Deeper
- Abandonment

Map No. Squares: N S E W

Company UNION DRILLING, INC.
 Address Box 281, WASHINGTON, PA.
 Farm NELLIE B. QUEEN
 Tract 1 Acres 23.55 Lease No. A-4109
 Well (Farm) No. ONE Serial No. _____
 Elevation (Spirit Level) 1275
 Quadrangle PHILIPPI
 County BARBOUR District FRASANT
 Engineer PAUL G. DEAN
 Engineer's Registration No. 1256
 File No. Box #1-34 Drawing No. 70-27
 Date NOV. 5, 1970 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. BAR-544

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

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 WV Department of Environmental Protection

100544P

WW-4A
Revised 6-07

1) Date: September 11, 2017
2) Operator's Well Number Nellie B. Queen #1
3) API Well No.: 47 - 001 - 00544

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>Okey C. Shahan</u> | Name _____ |
| Address <u>31445 Hobson Run Road</u> | Address _____ |
| <u>Parsons, WV 26287</u> | |
| (b) Name _____ | (b) Coal Owner(s) with Declaration |
| Address _____ | Name <u>Reppert Fuels Inc.</u> |
| | Address <u>P.O. Box 4128</u> |
| | <u>Clarksburg, WV 26302</u> |
| (c) Name _____ | Name <u>Coalquest Development LLC & ICG LLC c/o ARK Land Company</u> |
| Address _____ | Address <u>1 City Place Drive, Suite 300</u> |
| | <u>St. Louis, MO 63141</u> |
| 6) Inspector <u>Kenneth Greynolds</u> | (c) Coal Lessee with Declaration |
| Address <u>613 Broad Run Road</u> | Name _____ |
| <u>Jane Lew, WV 26378</u> | Address _____ |
| Telephone <u>304-206-6613</u> | |

✓ received
10/30/17

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 Corporation
 By: David Dean
 Its: VP Production
 Address 4150 Belden Village Ave. NW, Suite 410
Canton, OH 44718-2553
 Telephone 304-614-2963

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Office of Oil and Gas
OCT 04 2017
WV Department of Environmental Protection

Subscribed and sworn before me this 3rd day of October 2017
Hartsel E. McCauley Notary Public
My Commission Expires November 12, 2019

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.

11/17/2017

1005440

WW-9
(5/16)

API Number 47 - 001 - 00544
Operator's Well No. Nellie B. Queen #1

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

Operator Name Alliance Petroleum Corporation OP Code 494506333

Watershed (HUC 10) Simpson Creek Quadrangle Philippi

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: 210 bbls

Will a synthetic liner be used in the pit? Yes No If so, what ml.? 60 20 MIL. grm

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. No drilling anticipated

-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. Leave in pit

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

-Landfill or offsite name/permit number? PENNECO- UIC# 200930103

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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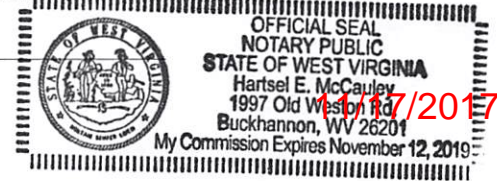
WV Department of
Environmental Protection

Subscribed and sworn before me this 22nd day of September, 20 17

Hartsel E. McCauley

Notary Public

My commission expires November 12, 2019



Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH _____

Lime _____ Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or equivalent

Fertilizer amount 600 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

| Temporary | | Permanent | |
|-------------------|----------|-------------------|----------|
| Seed Type | lbs/acre | Seed Type | lbs/acre |
| Orchard Grass | 12 | Orchard Grass | 12 |
| Birdsfoot Trefoil | 10 | Birdsfoot Trefoil | 10 |
| Domestic Rye | 10 | Domestic Rye | 10 |

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: [Signature]

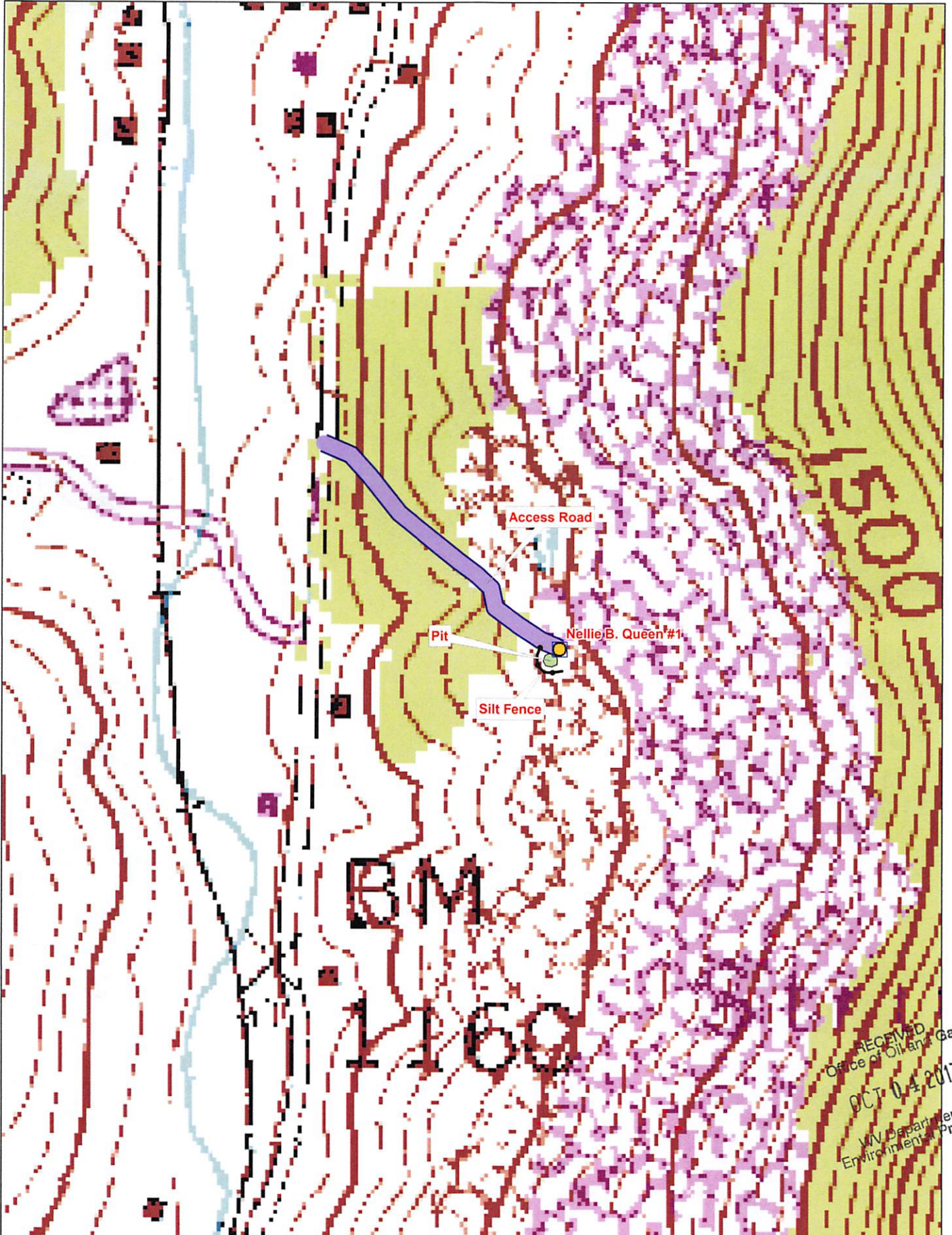
Comments: RECLAIM, RESEED, + MULCH ASAP

Title: OIL & GAS INSPECTOR Date: 10-2-17

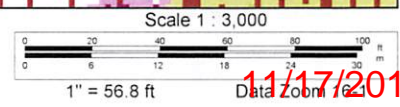
Field Reviewed? () Yes () No

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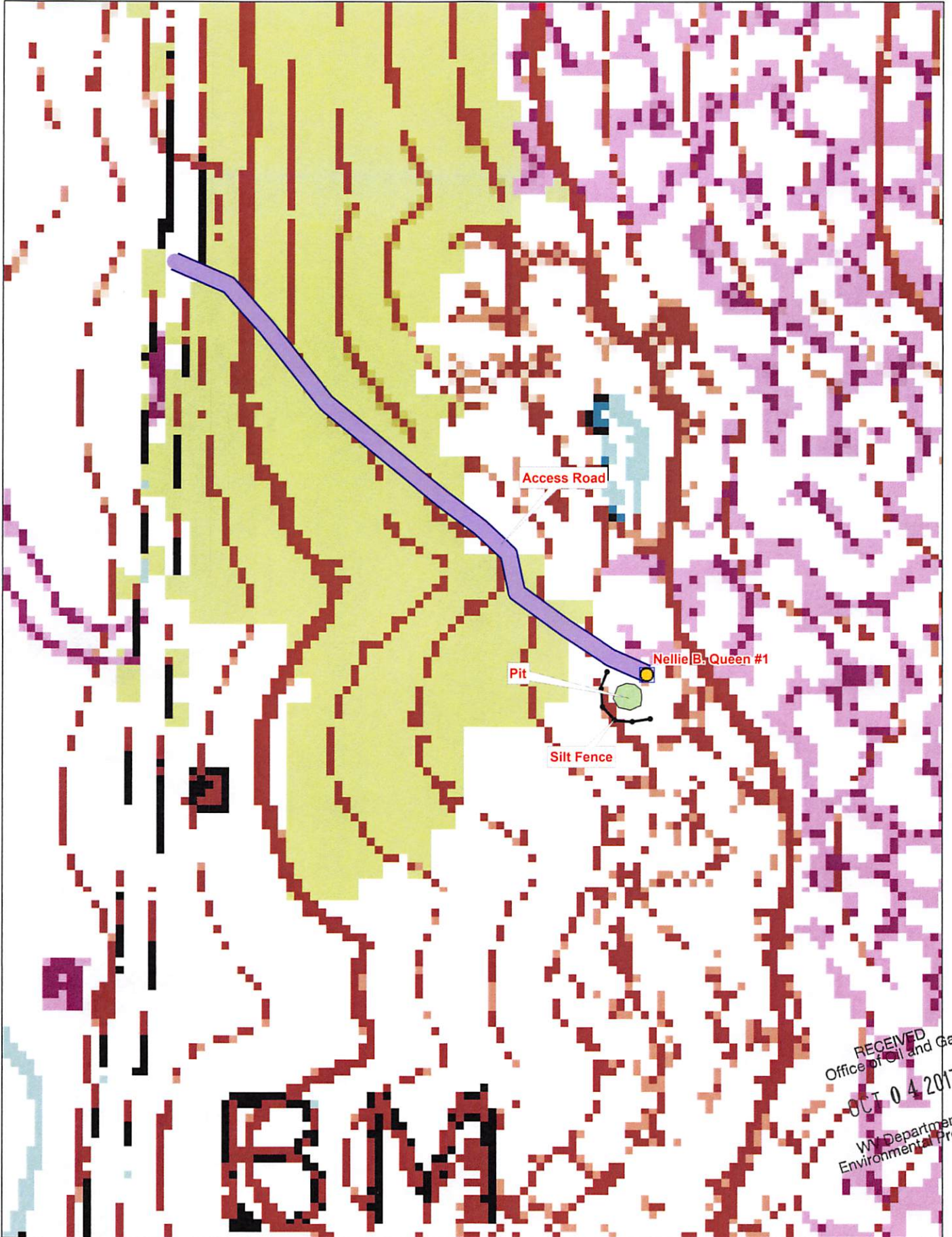
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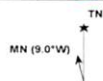
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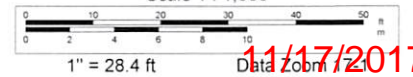
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Scale 1 : 1,500



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

Operator Name: Alliance Petroleum Corporation

Watershed (HUC 10): Simpson Creek Quad: Philippi

Farm Name: Nellie B. Queen #1

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

A contract service will be used to treat fluids in the pit to obtain the proper PH 6.5. Rig and pumping equipment will be used to cut and remove casing, pumping cement and gel, mixing of water, cement, and gel in above ground tanks.

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

All equipment will be inside of a controlled drainage to a constructed lined pit. Silt fences will be installed preventing any silt from entering the Simpson Creek drainage area from storm water.

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

The closest water body is Simpson Creek. The distance to Simpson Creek is 781'.

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

The non producing gas well has fresh water casing cemented to surface protecting fresh water stratum. A 100 bbl tank is on site with secondary containment. Activities at the site are limited because of non productivity.

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

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Simpson Creek drainage area is nearby the well site. Extra precaution will be noted to eliminate any contaminates from entering the drainage area.

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 the 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.

Silt fences will be installed around the work area. A pit will be constructed and a ditch from the well head to divert and contain any fluid from the work area.

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

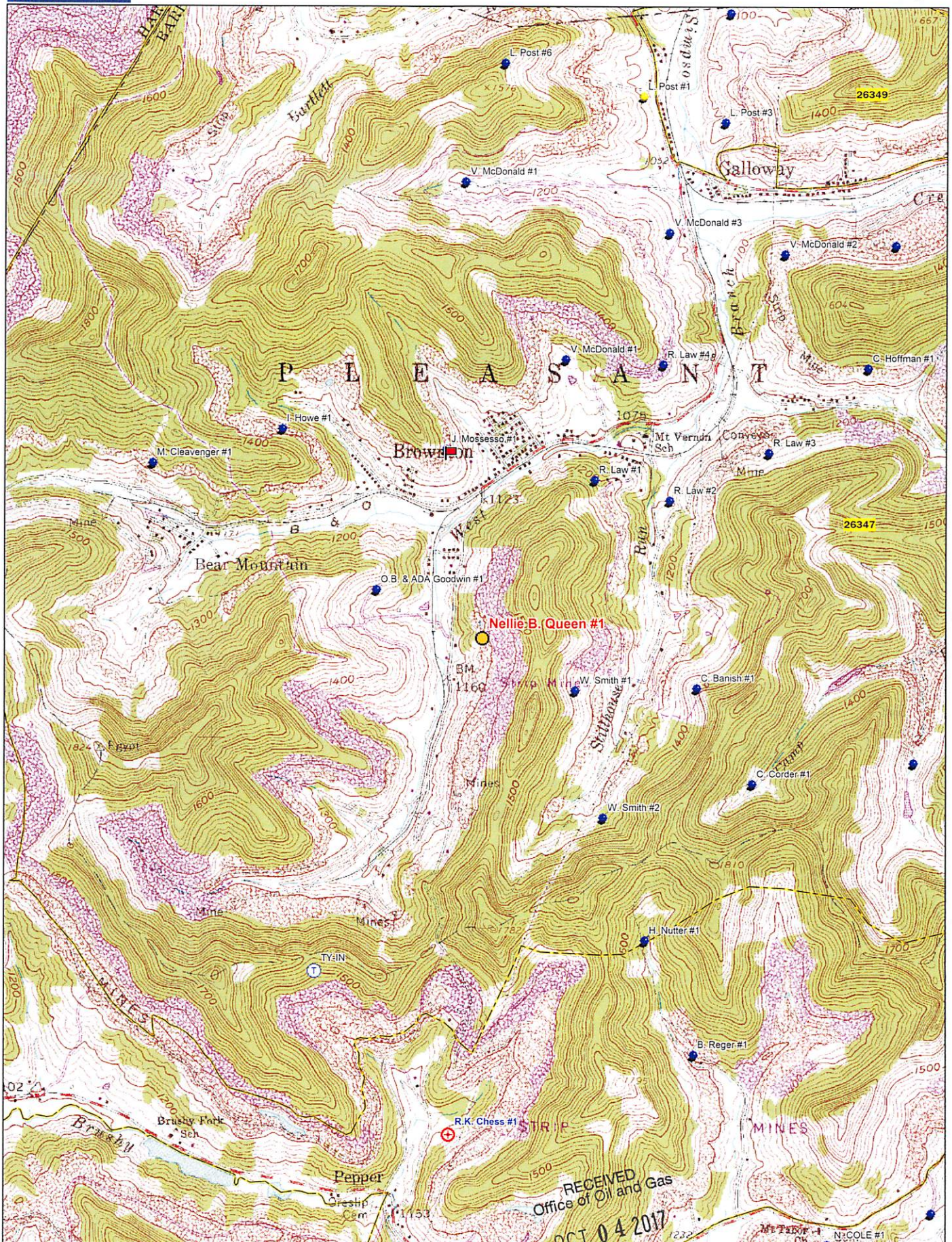
A job safety analysis will be completed each day on the job site to discuss the procedures, safety, and inspection of all GPP elements and equipment.

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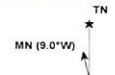
Signature: *David Dean*

Date: 10/22/2017

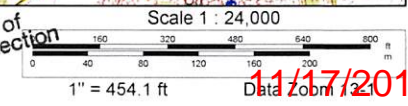
100544P



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11/17/2017

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-001-00544 WELL NO.: 1

FARM NAME: Nellie B. Queen

RESPONSIBLE PARTY NAME: Alliance Petroleum Corporation

COUNTY: Barbour DISTRICT: Pleasant

QUADRANGLE: Philippi

SURFACE OWNER: Okey C. Shahan

ROYALTY OWNER: XTO Energy Inc.

UTM GPS NORTHING: 4340709

UTM GPS EASTING: 573 235 GPS ELEVATION: 1275'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS ____: Post Processed Differential ____

Real-Time Differential ____

Mapping Grade GPS X: Post Processed Differential ____

Real-Time Differential X

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.

David Dean
Signature

VP Production
Title

09/22/2017
Date

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