



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

Thursday, August 10, 2023
WELL WORK PLUGGING PERMIT
Vertical Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit approval for 1000
47-035-01615-00-00

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: REED, RUSSELL
U.S. WELL NUMBER: 47-035-01615-00-00
Vertical Plugging
Date Issued: 8/10/2023

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. 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.

1) Date July 19, 2023
2) Operator's
Well No. Russel Reed 1000
3) API Well No. 47-035-01615

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 / Liquid injection / Waste disposal /
(If "Gas, Production or Underground storage) Deep / Shallow

5) Location: Elevation 650.51 Watershed Road Fork Run
District Grant County Jackson Quadrangle Pond Creek 7.5'

6) Well Operator Diversified Production, LLC 7) Designated Agent Chris Veazey
Address 414 Summers Street Address P.O. Box 381087
Charleston, WV 25301 Birmingham, AL 35238

8) Oil and Gas Inspector to be notified Name Joe Taylor
Address 1478 Claylick Rd.
Ripley, WV 25271
9) Plugging Contractor Name Next LVL Energy (Diversified Owned)
Address 104 Helliport Loop Rd
Bridgeport, WV 25330

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

See Attached

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Office Of Oil and Gas
JUL 28 2023
WV Department of
Environmental Protection

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

Work order approved by inspector  Date 7-26-23

08/11/2023



IV-35
(Rev 8-81)

Date January 14, 1982
Operator's
Well No. #1000
Farm Russell Reed
API No. 47 - 035 - 1615

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MAR 26 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

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 X /)

LOCATION: Elevation: 648.22 Watershed Roadfork Rm of Little Sandycreek
District: Grant County Jackson Quadrangle Pond Creek 7-1/2

COMPANY: DEVON ENERGY CORPORATION
ADDRESS: PO Box 1433, Charleston, W. Va. 25325
DESIGNATED AGENT: Arthur C. Youse
ADDRESS: Box 1433, Charleston, W. Va. 25325
SURFACE OWNER: Gene Snyder
ADDRESS: Rt. 1, Sherman, W. Va. 26173
MINERAL RIGHTS OWNER: Russell Reed
ADDRESS: 3400 6th Avenue, Parkersburg, WV 26101
OIL AND GAS INSPECTOR FOR THIS WORK: Richard Morris
ADDRESS: Grantsville, W. Va.

PERMIT ISSUED: September 30, 1981
DRILLING COMMENCED: November 4, 1981
DRILLING COMPLETED: November 9, 1981
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cord.			
18x10"	201	201	To surface
9 5/8"			
8 5/8"			
7"	1822	1663	630 feet
5 1/2"			
4 1/2"		4418	1373 feet
3"			
2"			
Inners used			

GEOLOGICAL TARGET FORMATION: Oriskany Sand Depth 4450 feet
Depth of completed well: 4431 feet Rotary / Cable Tools
Water strata depth: Free feet; Salt feet
Coal seam depths: None reported Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation: Devonian Brown Sand Pay zone depth: 3555-3680 feet
Gas: Initial open flow 6 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 163 Mcf/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests: 4 hours
Static rock pressure: 850 psig (surface measurement) after 48 hours shut in
(If applicable due to multiple completion--)

Second producing formation: Pay zone depth: feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests: hours
Static rock pressure: psig (surface measurement) after hours shut in

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(Continue on reverse side)

(REVERSE)

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

Performed 4-1/2" casing 35' to 50' with 26 shots.

Fractured Brown Shale with 338 bbls. water, 175,000 sand and 375,000 SCF nitrogen.

MAR 28 1982

DEPARTMENT OF OIL AND GAS DIVISION

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas.
Shale			0	352	
Sand			352	420	
Shale			420	485	
Sand			485	530	
Shale			530	603	
Sand			603	633	
Shale			633	917	
Sand			917	967	
Shale			967	1060	
Sand			1060	1117	
Shale			1117	1145	
Sand			1145	1219	
Shale			1219	1505	
Big Lime			1505	1592	
Shale			1592	2027	
Coffee Shale			2027	2045	
Berea Sand			2045	2047	
Gray Shale			2047	3185	
Brown Shale			3185	3681	
Gray Shale			3681	4062	
Marcellus Shale			4062	4241	
Onondaga L. S.			4241	4346	
Oriskany Horizon				4346	
Helderberg L. S.			4346	4431	
Log Total Depth				4431	

(Attach separate sheets as necessary)

DEVON ENERGY CORPORATION

Well Operator

By:

Arthur C. Youse, Area Expl. Mgr.

Date: January 14, 1982

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Note: Regulation 202(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including those encountered in the drilling of a well."

08/11/2023

Plugging Prognosis

API #: 4703501615

West Virginia, Jackson County

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

Casing Schedule

10" @ 201' (Cemented to surface per report)

7" @ 1663' (Cemented to 1033' per report)

4 ½" @ 4418' (Cemented to 3045' per report)

TD @ 4,431'

Completion: Producing Sand: Brown Shale from 3556'-3680'

Fresh Water: None listed

Salt Water: None listed

Gas Shows: None listed

Oil Shows: None listed

Coal: None listed

Elevation: 648'

1. Notify Inspector Joe Taylor @ 304-380-7469, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Pull tbg and lay down.
4. Check TD w/ sandline
5. TIH w/ tbg to 3680'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel. Pump 230' Class L cement plug from **3680' to 3450' (Brown Shale Completion Plug)**. Tag TOC. Top of as needed.
6. TOOH w/ tbg to 3450'. Pump 6% bentonite gel from 3450' to 1713'.
7. Free point 4-1/2" csg. Cut and TOOH. Set 100' Class L cement plug across csg cut. 50' in/out of cut. **Do not omit any plugs list below. Perforate as needed.**
8. TOOH w/ tbg to 1713'. Pump 100' Class L cement from **1713' to 1613' (7" csg shoe plug)**.
9. TOOH w/ tbg to 1613'. Pump 6% bentonite gel from 1613' to 698'.
10. Free point 7" csg. Cut and TOOH. Set 100' Class L cement plug across csg cut. 50' in/out of cut. **Do not omit any plugs list below. Perforate as needed.**
11. TOOH w/ tbg to 698'. Pump 100' Class L cement plug from **698' to 598' (elevation plug)**.
12. TOOH w/ tbg to 598'. Pump 6% bentonite gel from 598' - 251'.
13. TOOH w/ tbg to 251'. Pump 251' Class L cement plug from **251'- Surface' (10" csg shoe and Surface plug)**.
14. Reclaim well site and erect plugging monument to WV DEP specifications.

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All Free Pipe
is to be Pulled
SD


7-26-23

08/11/2023

1) Date: 7/19/2023
2) Operator's Well Number Russel Reed 1000

3) API Well No.: 47 - 035 - 01615

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>Eben Fritts & Eben Fritts III</u>	Name <u>Not Currently Operated</u>
Address <u>2038 Road Fork Run Rd.</u>	Address _____
<u>Sherman, WV 26164</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Eben Fritts & Eben Fritts III</u>
_____	Address <u>2038 Road Fork Run Rd.</u>
_____	<u>Sherman, WV 26164</u>
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Joe Taylor</u>	(c) Coal Lessee with Declaration
Address <u>1478 Claylick Rd.</u>	Name _____
<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.

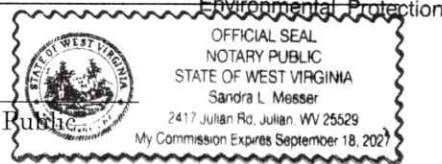
Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental 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	<u>Diversified Production, LLC</u>	
By:	<u>Austin Sutler</u>	RECEIVED
Its:	<u>Manager Plugging Operations</u>	Office Of Oil and Gas
Address	<u>414 Summers Street</u>	JUL 28 2023
	<u>Charleston, WV 25301</u>	
Telephone	<u>304-5419-2562</u>	

Subscribed and sworn before me this 19th day of July 2023

Sandra L Messer
My Commission Expires Sept. 18, 2027

Notary Public



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.

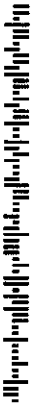
08/11/2023

Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND. FLOOR
CHARLESTON WV 25301

USPS CERTIFIED MAIL™



9407 1361 0544 0102 2517 26



**EBEN FRITTS & EBEN FRITTS III
2038 ROAD FORK RD
SHERMAN WV 26164**

US POSTAGE AND FEES PAID
2023-07-20
25301
C44000004
Retail
6.0 OZFLAT



0901000008052



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DIVERSIFIED
energy

Date: 7/19/2023

James Martin
Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304
(304)926-0450

Mr. Martin,

Due to our cement provider, LaFarge Holcem, discontinuing the manufacturing of Class A cement, DGOC will be utilizing Class L cement to plug the following well:

API Number 47-035-01615 Well Name Russel Reed 1000

Attached is the approved variance order for use of Class L cement.

Sincerely,

Chris Veazey
Permitting Supervisor
304-590-7707

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west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304
Phone (304) 926-0450

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

**BEFORE THE OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATE OF WEST VIRGINIA**

**IN THE MATTER OF A VARIANCE FROM)
LEGISLATIVE RULE 35CSR4)
SECTION 14.1. AND LEGISLATIVE RULE)
35CSR8 SECTION 20.1,)
RELATING TO THE CEMENTING)
OF OIL AND GAS WELLS)**

ORDER NO. 2022-13

REPORT OF THE OFFICE

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well plugging.

FINDINGS OF FACT

1. On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L cement in place of API Class A cement, relating to the plugging of conventional wells.
2. Laboratory analysis submitted by DGO on July 28, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR8 Section 20.1., for the use of API Class L cement in place of API Class A cement, relating to the plugging of horizontal wells.

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Promoting a healthy environment.

08/11/2023

4. On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

CONCLUSIONS OF LAW

Pursuant to Article 6 and Article 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.

ORDER

It is ordered that the Class L cement product approved and monogrammed by API is approved for use in place of API Class A cement for well plugging subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

Dated this, the 13th day of September, 2022.

IN THE NAME OF THE STATE OF WEST VIRGINIA

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



James Martin, Chief
Office of Oil and Gas

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

Operator Name: Diversified Production, LLC OP Code 494524121

Watershed (HUC 10)Road Fork Run Quadrangle Pond Creek

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: Production fluid and cement returns.

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 2D03902327 002)
- 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: N/A

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

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

Additives to be used in drilling medium? N/A

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

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

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

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

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit 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 *Austin Sutler*
Company Official (Typed Name) Austin Sutler
Company Official Title Manager Plugging Operations

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Environmental Protection

Subscribed and sworn before me this 19th day of July, 2023

Sandra L. Messer
My commission expires Sept. 18, 2027



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

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or Equivalent

Fertilizer amount TBD 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

All Free pipe is to be pulled!!!

Title: oog Inspector

Date: 7-26-23

Field Reviewed? () Yes

() No

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

Operator Name: Diversified Production, LLC
Watershed (HUC 10): Road Fork Run Quad: Pond Creek
Farm Name: Gene Snyder

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

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

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

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

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

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6. Provide a statement that 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.

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

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Signature: _____

Date: _____



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

47-035-01615

Plugging Map

Legend

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



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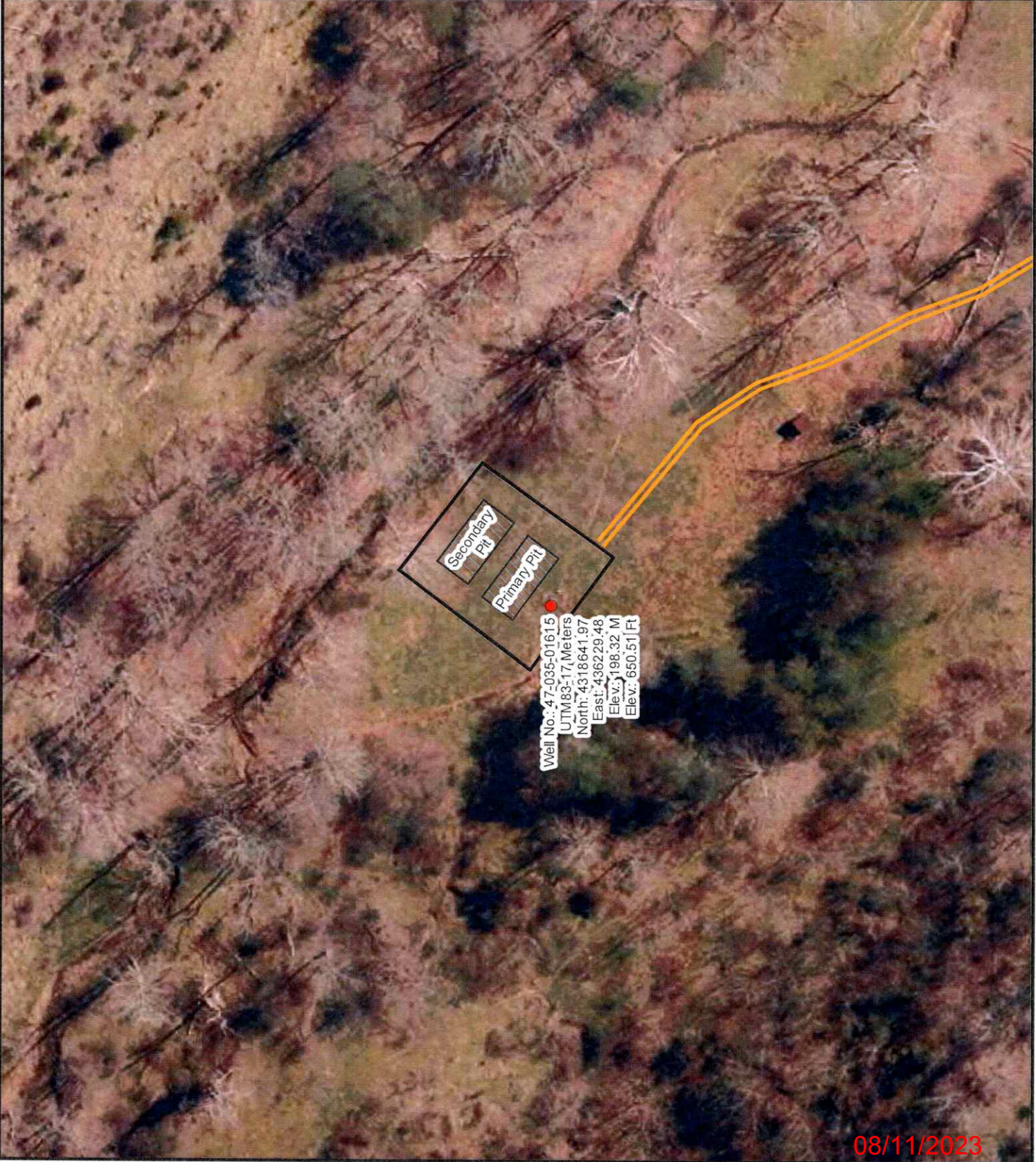
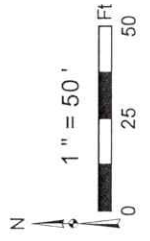
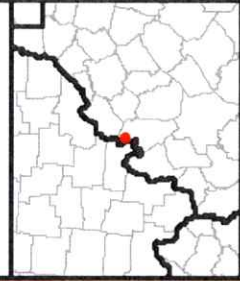
Diversified Gas & Oil Corporation
100 Diversified Way
Pikeville KY, 41051

47-035-01615

Plugging Map

Legend

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



08/11/2023

WW-7
8-30-06



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

API: 47-035-01615 WELL NO.: Russel Reed 1000

FARM NAME: Gene Snyder

RESPONSIBLE PARTY NAME: Diversified Production, LLC

COUNTY: Jackson DISTRICT: Grant

QUADRANGLE: Pond Creek

SURFACE OWNER: Eben Fritts & Eben Fritts III

ROYALTY OWNER: Terri Bernhoft, Mary Elizabeth Wheaton, Eben Fritts, Eben Fritts III

UTM GPS NORTHING: 4318641.97

UTM GPS EASTING: 436229.48 GPS ELEVATION: 650.51

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 ____

- 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

Austin Sutler - Manager Plugging Operations

Title

7/19/23

Date

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FORM IV-2 (Obverse) (07-81)

035 1615

WELL NO. 100

NAME Russell Reed

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

DATE 9/3, 1981

OIL AND GAS WELL PERMIT

WELL TYPE: Oil / Gas X / ... (if "Gas" Production X / Underground storage ... / Deep ... / Shallow ...)

LOCATION: Elevation: 648.22 Watershed: Radford (Run of Little Sandy Crk.) District: Grant County: Jackson Quadrangle: Pond Creek

WELL OPERATOR: DEVON ENERGY CORPORATION DESIGNATED AGENT Arthur C. Youse Address: P. O. Box 1433 Charleston, W. Va. 25325

OIL & GAS ROYALTY OWNER: Russell Reed Address: 3400 6th Avenue Parkersburg, W. Va. 26101 COAL OPERATOR: Not Operated

SURFACE OWNER: Gene Snyder Address: Rt. 1 Sherman, W. Va. 26173 Acreage: Pt. of 136 acres COAL OWNER(S) WITH DECLARATION ON RECORD:

FIELD SALE (IF MADE) TO: Not contracted Address:

OIL & GAS INSPECTOR TO BE NOTIFIED: Name: Richard J. Morris Address: P. O. Box 372 Grantsville, W. Va. 26147 Phone 354-7259

RECEIVED SFP 23 1981 OIL AND GAS DIVISION WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated 5-21, 1977 to the undersigned well operator from Russell Reed et ux

Recorded on 19... in the office of the Clerk of the County Commission of Jackson County, West Virginia, in Lease Book 144 at page 314. A permit is requested as follows:

PROPOSED WORK: Drill XX / Drill deeper / Redrill / Fracture or stimulate / Plug off old formation / Perforate new formation / Other physical change in well (specify) ... planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code 522-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 1615 WASHINGTON STREET EAST CHARLESTON, WV 25311 TELEPHONE: (304) 348-3092

BLANKET BOND

DEVON ENERGY CORPORATION Well Operator By: A. C. Youse Dist. Expl. Mgr.

08/11/2023

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY.
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Clint Hurt & Assoc
Address P. O. Box 388
Elkview, W. Va. 25071

GEOLOGICAL TARGET FORMATION Oriskany Sand
Estimated depth of completed well, 4450 feet by Rotary / Cable tools
Approximate water table depths: Fresh 100 feet; salt 1000 feet
Approximate coal seam depths: 110 feet. Is coal being mined in the area? Yes NO / No X

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used			
Conductor							Kind	
Fresh Water	9-5/8			X		200	200	125 sack <u>OT</u> to surface
Coal								Size
Intermediate	7 1/2			X		1700	750	75 sack <u>OT</u> = 650 feet
Production	4-1/2			X			4450	225 sack <u>OT</u> Depth set 2400 feet
Tubing	2-3/8			X			4350	<u>to 7'</u>
Liners								Perforations: Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the Reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22 of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 5-30-82

[Signature]
Deputy Director - Oil & Gas Division

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JUL 28 2023

WV Department of Environmental Protection

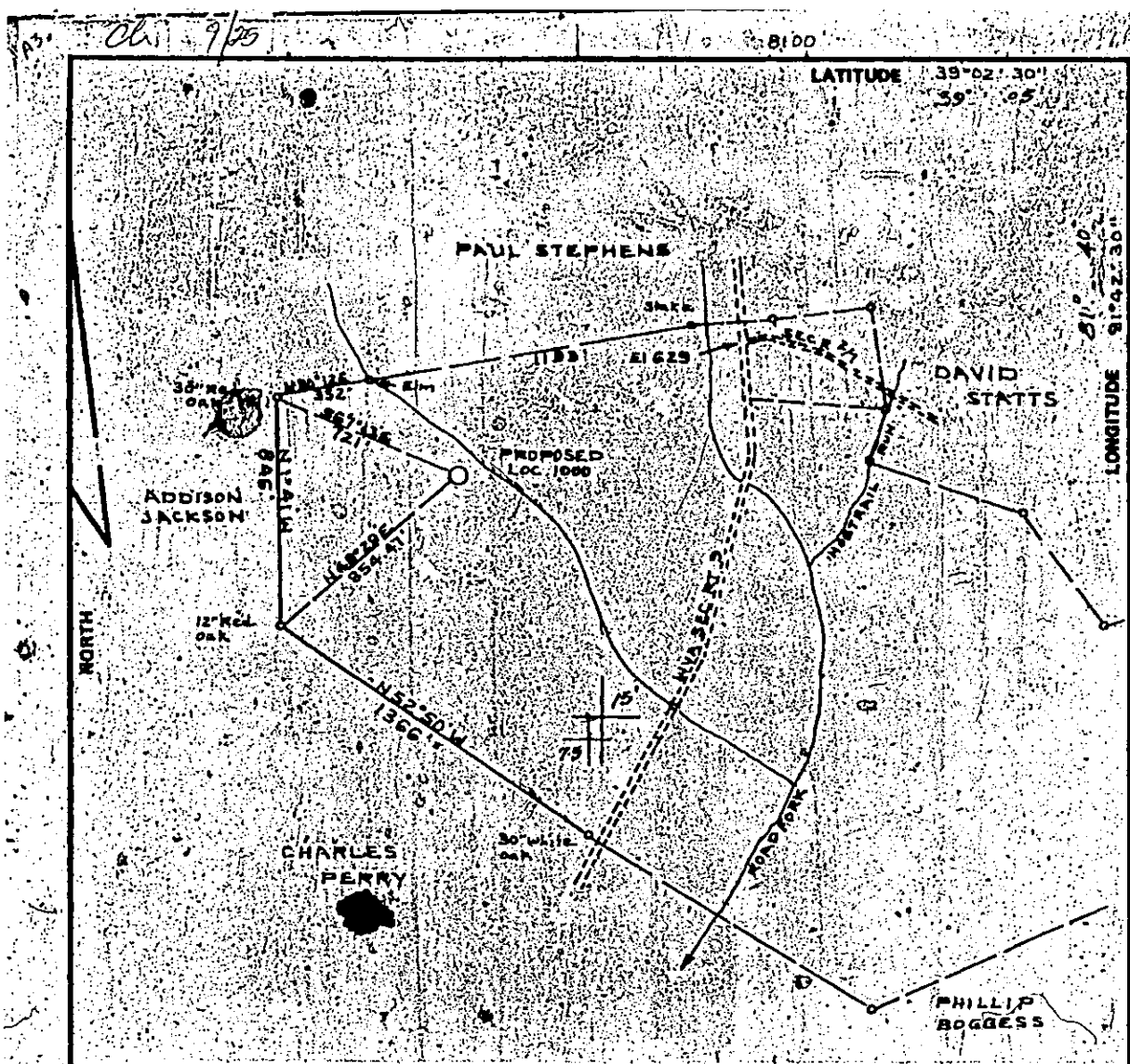
The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator / owner / lessee of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: 10/11/2023 By: [Signature]

08/11/2023



FILE NO. B 64 P 15
 DRAWING NO. _____
 SCALE: 1" = 500'
 MINIMUM DEGREE OF ACCURACY: 1" = 200'
 PROVEN SOURCE OF ELEVATION: USGS INTERSECTION WVA SEC. 14 & 27 E1 G29 D'

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 MINES.
 (SIGNED) C. S. Volley Jr.
 R.P.E. C. S. 92

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-B (8-78)



DATE SEPT 5, 1981
 OPERATOR'S WELL NO. 1000
 API WELL NO. _____
47 STATE D35 COUNTY 1615 PERMIT Office

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
 LOCATION: ELEVATION 649.22 WATER SHED ROAD FORK OF LITTLE SANDY CREEK
 DISTRICT GRANT COUNTY JACKSON
 QUADRANGLE POND CREEK OHIO-WVA 75
 SURFACE OWNER GENE S. SNYDER ACREAGE 135.91
 OIL & GAS ROYALTY OWNER RUSSELL REED LEASE ACREAGE: 135.91
 LEASE NO. 4410
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION QUEISKANY ESTIMATED DEPTH 4450'
 WELL OPERATOR DEVON ENERGY CORP DESIGNATED AGENT ARTHUR C. YOUSE
 ADDRESS P.O. BOX 1433 ADDRESS P.O. BOX 1433
CHARLESTON WVA CHARLESTON, W.VA

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 Of Oil and Gas

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WV Department of Environmental Protection

08/11/2023

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name Devon Energy Corporation Designated Agent Arthur C. Youse
Address P. O. Box 1433, Charleston, WV 25325 Address P. O. Box 1433, Charleston, WV 25325
Telephone (304) 342-3171 Telephone (304) 342-3171
Landowner Gene Snyder Soil Cons. District Western SCD

Revegetation to be carried out by Arthur C. Youse (Agent)

This plan has been received by [Signature] SCD. All corrections and additions become a part of this plan. [Signature] (SCD AGENT)

Date: Sept. 18 1981 Address: Box 82 Street Ravenwood City [City] PH: 273-4744

Access Road	Location
Structure <u>20" Culverts</u> (A)	Structure <u>Diversion Ditches</u> (1)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____
Structure <u>Cross Ditches</u> (B)	Structure _____ (2)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____
Structure _____ (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

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All structures should be inspected regularly and repaired if necessary. OIL AND GAS DIVISION WV DEPARTMENT OF MINES

Revegetation

Treatment Area I

Treatment Area II

Line 2 to 4 or correct to pH	Tons/acre	Line 2 to 4 or correct to pH	Tons/Acre
Fertilizer <u>800# 12-12-12</u> (10-20-20 or equivalent)	lbs/acre	Fertilizer <u>800# 12-12-12</u> (10-20-20 or equivalent)	lbs/acre
Mulch <u>1</u>	Tons/Acre	Mulch <u>1</u>	Tons/Acre
Seed* <u>Orchard Grass</u> 20 lbs/acre		Seed* <u>Orchard Grass</u> 20 lbs/acre	
<u>Timothy Grass</u> 20 lbs/acre		<u>Timothy Grass</u> 20 lbs/acre	
<u>Ladoni</u> 2 lbs/acre		<u>Ladoni</u> 2 lbs/acre	

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

Attach or photocopy section of involved Topographic map. Quadrangle Pond Creek Ohio, WV

Legend: ⊕ Well Site

— Access Road



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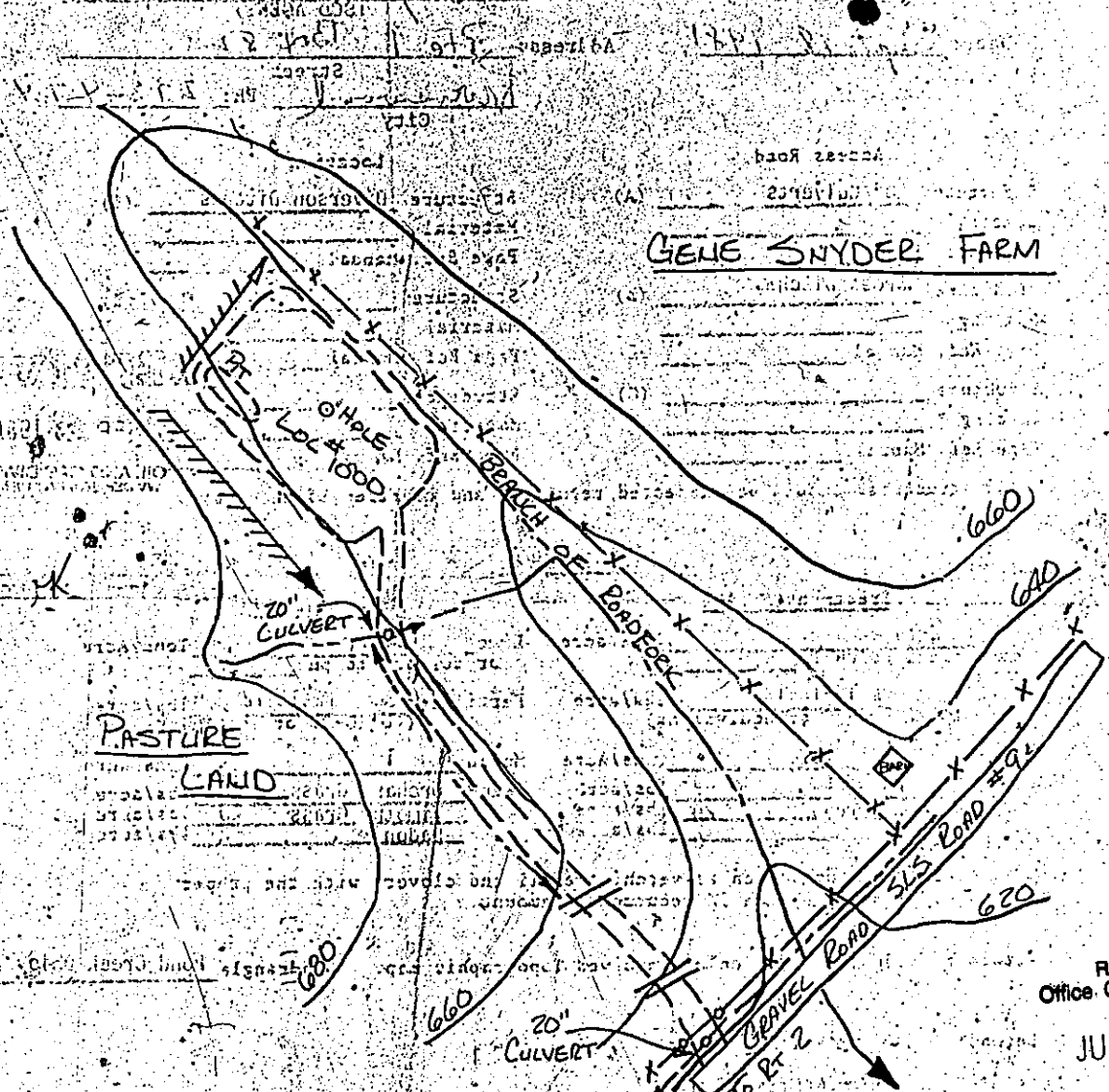
28 2023
WV Department of Environmental Protection

08/11/2023

Well Site Plan

- Legend:
- Property Boundary
 - Road
 - Existing Fence
 - Planned Fence
 - Stream
 - Open Ditch
 - Diversion
 - Spring
 - Wet Spot
 - Building
 - Drain Pipe
 - Waterway

Sketch to include well location, existing access road, roads to be constructed wellsite, drilling pits and necessary structures numbered or lettered to correspond with first part of this plan. Include all natural drainage.



GENE SNYDER FARM

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Environmental Protection

Comments:

Pit to be dug on solid soil and plastic pit liner to be used. Diversion Ditches to be built above location. All disturbed soil to be reclaimed and recontoured to the satisfaction of the landowner and in accordance with state regulations.

PLAN PREPARED BY: Arthur C. Youse Arthur C. Youse
 NAME
 Post Office Box 1433, Charleston, West Virginia 25325 (304) 342-3171
 ADDRESS PHONE NO.

Please request landowners cooperation to protect new seeding for one growing season.

08/11/2023

A10



STATE OF WEST VIRGINIA
OIL AND GAS CONSERVATION COMMISSION
CHARLESTON 25305

September 30, 1981

Mr. Thomas E. Huzzey, Administrator
Department of Mines
Office of Oil and Gas

RE: APPLICATION FOR PERMIT 035-1615 TO DRILL DEEP WELL

COMPANY: DEVON CORPORATION

FARM: GENE SNYDER

COUNTY: JACKSON DISTRICT: GRANT

(Silverton Field - Unit 22)

The application of the above company is APPROVED FOR OR (SKANY COMPLETION
(APPROVED - DISAPPROVED)

Applicant HAS complied with the provisions of Chapter twenty-two, Article HAS - HAS NOT four-a, (522-4A), of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission, as follows:

1. Provided a certified copy of duly acknowledged and recorded consent and easement from all surface owners; Yes
2. Provided a tabulation of all deep wells within one mile of the proposed location, including the API number of the deep well, well name, and the name and address of the operator, and; **
3. Provided a plat showing that the proposed location is a distance of 1400 feet from the nearest unit boundary and showing the following wells drilling to or capable of producing from the objective formation within 3000 feet of the proposed location: None

Very truly yours,

Thomas E. Huzzey
Thomas E. Huzzey
Commissioner

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WV Department of
Environmental Protection

TEH/rf

08/11/2023

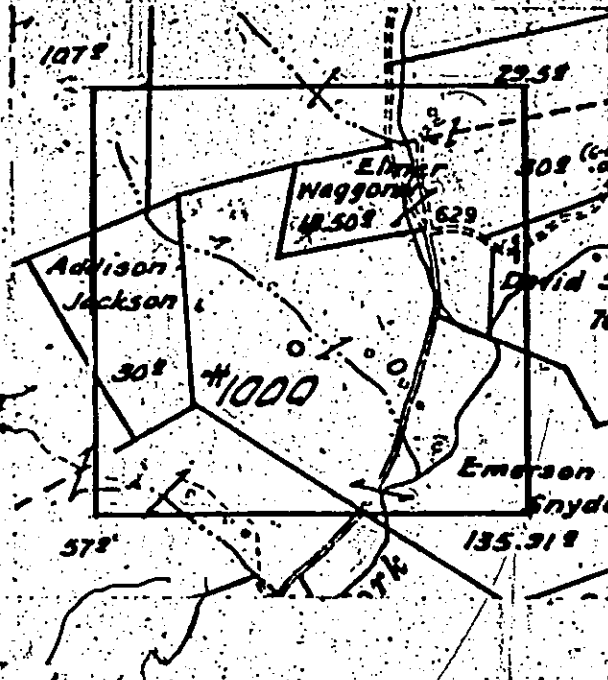
DEVON ENERGY CORPORATION

WELL NO. 1000 REED

UNIT NO. 22

SILVERTON AREA

GRANT DISTRICT, JACKSON COUNTY, WEST VIRGINIA



SCALE 1" = 1320'

- DEVON ENERGY CORPORATION
- COLUMBIA GAS
- KAISER EXPLORATION & MINING CO.

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

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JUL 28 2023

WV Department of
Environmental Protection

108.80 ACRES = 52.66%

76.06 ACRES = 36.82%

21.74 ACRES = 10.52%

TOTAL OF UNIT 206.60 ACRES = 100%

08/11/2023

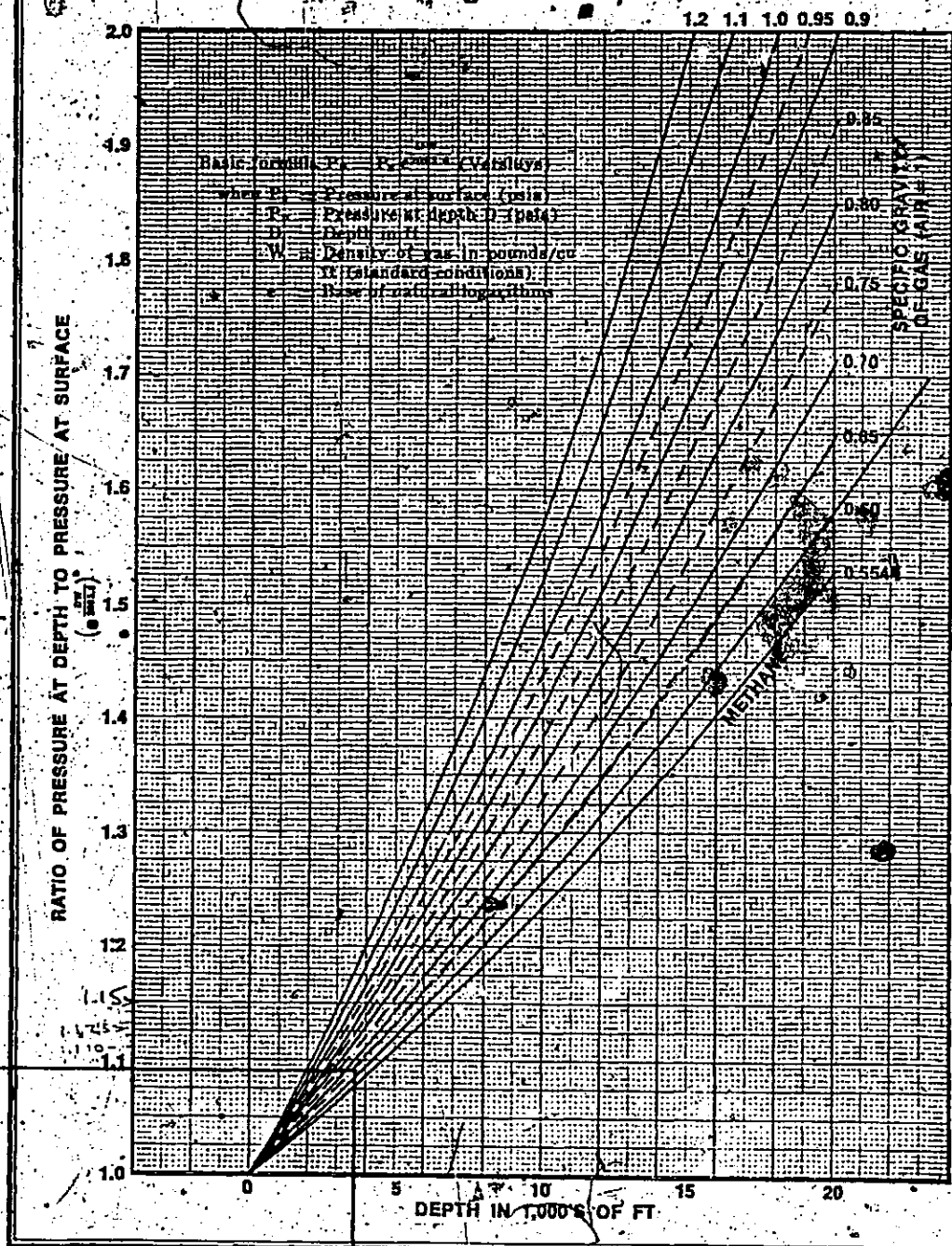
API NO. 47-035-1615

BOTTOM HOLE PRESSURE



CONTINUOUS TABLES

Ratio of Gas Pressure at Depth to Pressure at Surface (Assuming Perfect Gas)



1.090

3620

API NO. 47-035-1615

#1000 RUSSELL REED

SURFACE GAUGE PRESS = 850 PSI

SP. GR. = .619

$BHP = 850 \times 1.090 = 926 \text{ PSI}$

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JUL 28 2023
U.S. Department of
Environmental Protection

08/11/2023

83

06-11

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

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 FEB 27 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. 035-1615

Oil or Gas Well
(circle)

Company <u>Devon</u>		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____		Size			
Farm <u>Snyder</u>		16			Kind of Packer _____
Well No. _____		15			Size of _____
District _____ County <u>Jackson</u>		10			Depth set _____
Drilling commenced _____		8 1/4			
Drilling completed _____ Total depth _____		6 1/4			
Date shot _____ Depth of shot _____		5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch		2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch		Liners Used			Perf. top _____
Volume _____ Cu. Ft.		CASING CEMENTED	SIZE	No. FT.	Date
Rock pressure _____ lbs _____ hrs.		NAME OF SERVICE COMPANY _____			
Oil _____ bbls., 1st 24 hrs.		COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Fresh water _____ feet _____ feet		_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet _____ feet		_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: _____

Needs Number _____

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 JUL 28 2023
 WV Department of Environmental Protection

2-23-84

James T. Tashaboh
 DISTRICT WELL INSPECTOR
 08/11/2023

IV-20
Obverse
1-84



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APR 25 1984

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

COMPANY Devon Energy

PERMIT NO 035 1615

FARM & WELL NO Snyder 1000

DIST. & COUNTY Jackson

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work		
25.04	Prepared before Drilling to Prevent Waste		
25.03	High-Pressure Drilling		
16.01	Required Permits at Wellsite		
15.03	Adequate Fresh Water Casing		
15.02	Adequate Coal Casing		
15.01	Adequate Production Casing		
15.04	Adequate Cement Strength		
15.05	Cement Type		
23.02	Maintained Access Roads		
25.01	Necessary Equipment to Prevent Waste		
23.04	Reclaimed Drilling Pits		
23.05	No Surface or Underground Pollution		
23.07	Requirements for Production & Gathering Pipelines		
16.01	Well Records on Site		
16.02	Well Records Filed		
7.05	Identification Markings		

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Jerry M. Tephah

DATE 4/19/84

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Office Of Oil and Gas
MAY 28 2023
WV Department of
Environmental Protection

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. ...
Administrator-Oil & Gas Division

May 11, 1984

DATE

TMS/r1

08/11/2023

W. VA. STATE
MAR 26 1982

OIL & GAS DIVISION
DEPT. OF MINES

1.0 Well number. (If not available, leave blank - 14 digits.)	47-085-1615		
2.0 Type of determination being sought. (Use the codes found on the front of applications)	107 Section of NGPA	DEVONIAN SHALE Category Code	
3.0 Depth of the deepest completion location. (Only needed if sections 103 or 107 in 2.0 above.)	3680 feet		
4.0 Name, address and code number of applicant. (35 letters per line maximum. If code number not available, leave blank.)	Devon Energy Corporation Post Office Box 1433 Charleston, West Virginia City State Zip Code		005123 Seller Code
5.0 Location of the well. (Complete (a) or (b).) (a) For onshore wells. (35 letters maximum for field name.)	CENTRE STAR JACKSON W.VA. Field Name County State		
(b) For OCS wells.	Area Name Block Number Date of Lease Mo Day Yr OCS Lease Number		
(c) Name and identification number of this well. (35 letters and digits maximum.)	*1000-BUSSELL REED		
(d) If code 4 or 5 in 2.0 above, name of the reservoir. (35 letters maximum.)			
6.0 (a) Name and code number of the purchaser. (35 letters and digits maximum. If code number not available, leave blank.)	COLUMBIA GAS TRANS. CORP. Name		004030 Buyer Code
(b) Date of the contract.	BENG Mo Day Yr. NEGOTIATED		
(c) Estimated annual production	14.7 MMcf.		
	(a) Base Price (\$/MMBTU)	(b) Tax \$	(c) All Other Prices (indicate (a) or (b).)
			(d) Total of (a), (b) and (c) \$/MMBTU
7.0 Contract price.* (As of filing date. Complete to 3 decimal places.)	3.063	0.337	0.000
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	DEREGULATED		
9.0 Person responsible for this application	Arthur C. Youse Area Expl. Mgr.		
Agency Use Only	Date Received by Juris. Agency MAR 26 1982 Date Received by FERC		
	Signature Date Application is Completed MARCH 25 1982		Title (304) 342-3171 Phone Number

* CONTRACT PRICE TO BE REDETERMINED UPON DEREGULATION

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JUL 28 2023
WV Department of
Environmental Protection

08/11/2023

C7

JUL 12 1982

PARTICIPANTS:

DATE:

BUYER-SELLER CODE

WELL OPERATOR: Devon Energy Corp.

005123

FIRST PURCHASER: Columbia Gas Trans. Corp.

004030

OTHER: _____

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
820326-107-035-1615
 Use Above File Number on all Communications
 Relating to Determination of this Well

QUALIFIED

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO. _____

1. PERC -121 Items not completed - Line No. 111, 810

2. IV-1 Agent: Arthur C. Youse

3. IV-2 Well Permit _____

4. IV-6 Well Plat

5. IV-35 Well Record Drilling Deepening _____

6. IV-36 Gas-Oil Test: Gas Only _____ Was Oil Produced? _____ Ratio _____

7. IV-39 Annual Production _____ years

8. IV-40 90 day Production _____ Days off line: _____

9. IV-48 Application for certification. Complete?

10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58. Complete? Affidavit Signed

18-28. Other: Survey _____ Logs _____ Geological Charts _____
 Structure Map _____ 1: 4000 Map _____ Well Tabulations _____
 Gas Analyses _____

(5) Date commenced: 11-9-81 Date completed 11-9-81 Deepened _____

(5) Production Depth: 3555-3680

(5) Production Formation: Devonian Brown Shale

(5) Final Open Flow: 163 MCF

(5) After Frac. R. P. 850# 42 hrs.

(6) Other Gas Test: _____

(7) Avg. Daily Gas from Annual Production: _____

(8) Avg. Daily Gas from 90-day ending w/1-120 days _____

(8) Line Pressure: _____ PSIG from Daily Report

(5) Oil Production: _____ From Completion Report _____

10-17. Does Lease inventory indicate enhanced recovery being done? NO

10-17. Is affidavit signed? Notarized?

Does official well record with the Department confirm the submitted information? yes

Additional information _____ Does computer program confirm? _____

Was Determination Objected to _____ By Whom? _____

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 JUL 28 2023
 WV Department of
 Environmental Protection

08/11/2023

MARCH 12, 1982

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

Operator's No. 1000
No. 47-035-1615
SEGS FACES FEET

WELL CLASSIFICATION FORM
HIGH COST GAS WELL - DEVONIAN SHALE

GPA Section 157

DESIGNATED AGENT A. C. Youse
ADDRESS PO Box 1433, Charleston, W. Va.
25325

WELL OPERATOR DEVON ENERGY CORPORATION
ADDRESS PO Box 1433
Charleston, W. Va. 25325

LOCATION Elevation 648.22
Watershed ROADFORK RUN OF L. SANDY CK.
Dist. GRANT County JACKSON Road POND CK.

GAS PURCHASER Columbia Gas Transmission Corp
ADDRESS PO Box 1273
Charleston, W. Va. 25325

Gas Purchase Contract No. BEING NEGOTIATED
Meter Chart Code _____
Date of Contract _____

Date surface drilling began: 4PM NOV. 4, 1981

Indicate the bottom-hole pressure of the well and explain how this was calculated.

SURFACE GAUGE PRESSURE = 850 PSI. THE BOTTOM HOLE PRESSURE IS CALCULATED FROM THE OBSERVED SURFACE GAUGE PRESSURE OF 850 PSI BY MULTIPLYING BY A FACTOR OF 1.090. % BHP = 926 PSI (SEE ATTACHED CHART & COMPUTATION)

AFFIDAVIT

I, ARTHUR C. YOUSE, having been first sworn according to law, state that, I have calculated the percentage of footage of the producing interval which is not Devonian shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described in subparagraph (3)(1) or (3)(1)(A) has been filed, or as indicated by the report described in subparagraph (3)(1)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high cost natural gas well.

Arthur C. Youse

STATE OF WEST VIRGINIA,
COUNTY OF Kanawha TO WIT:

I, Virginia A. McCartney, a Notary Public in and for the state and county aforesaid, do certify that: Arthur C. Youse, whose name is signed and writing above, bearing date the 12th day of March, 1982, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 24th day of March, 1982.
My term of office expires on the 12th day of July, 1987.



Virginia A. McCartney
Notary Public

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Office Of Oil and Gas

JUL 28 2023

WV Department of
Environmental Protection

Date MARCH 12, 1982

Operator's Well No. # 1000

API Well No. 47 State 035 County 1615 Permit

Previous File No. (If Applicable)

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR Devon Energy Corporation

DESIGNATED AGENT Arthur C. Youse

ADDRESS Post Office Box 1433
Charleston, WV 25325

ADDRESS Post Office Box 1433
Charleston, WV 25325

Gas Purchase Contract No. BEING NEGOTIATED and Date _____ (Month, day and year)

Meter Chart Code _____

Name of First Purchaser COLUMBIA GAS TRANS. CORP.
P.O. BOX 1273
(Street or P. O. Box)
CHARLESTON WEST VIRGINIA 25325
(City) (State) (Zip Code)

FERC Seller Code 005123

FERC Buyer Code 004030

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) Section of NGPA _____
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

107 DEVONIAN SHALE
Section of NGPA Category Code

Arthur C. Youse Dist. Expl. Mgr.
Name (Print) Title
Arthur C. Youse
Signature
Post Office Box 1433
Street or P. O. Box
Charleston, WV 25325
City State (Zip Code)
G04) 342-3171
Area Phone Number
Code

(Certificate of Proof of Service to Purchaser)

ON MARCH 26, 1982 DELIVERED TO: MR. W. L. NEHR
COLUMBIA GAS TRANS. CORP.
1700 MC CORKLE AVE
CHARLESTON, W.VA. 25314

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request for certification of the above described well as meeting the requirements of Section _____ under the Natural Gas Policy Act of 1978 (NGPA); for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA); or for determination of a seasonally affected well under Section 108 of (NGPA)

All interested parties are hereby notified that on the _____ day of _____, 19____ at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. _____

Initial review of information submitted indicates the well is, is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

Arthur C. Youse
Director

By _____
Title _____

MAR 26 1982
Date received by Jurisdictional Agency

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Office of Oil and Gas

JUL 28 2023

WV Department of Environmental Protection

08/11/2023

PS Form 3811, Apr. 1977
RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

● SENDER: Complete items 1, 2, and 3. Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one).
 Show to whom and date delivered. _____ c
 Show to whom, date, and address of delivery. _____ c
 RESTRICTED DELIVERY
 Show to whom and date delivered. _____ c
 RESTRICTED DELIVERY
 Show to whom, date, and address of delivery. \$ _____
 (CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO: John Henning
 Columbia Gas Trans.
 PO Box 1273
 Charleston, WV 25325

3. ARTICLE DESCRIPTION:
 REGISTERED NO. | CERTIFIED NO. | INSURED NO.
 | 575041 | |

(Always obtain signature of addressee or agent)

I have received the article described above.
 SIGNATURE Addressee Authorized agent
Bill Lingen

4. DATE OF DELIVERY: SEP - 8 1981

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: _____ CLERK'S INITIALS _____

☆GPO: 1977-0-249-595

PS Form 3811, Apr. 1977
RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

● SENDER: Complete items 1, 2, and 3. Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one).
 Show to whom and date delivered. _____ c
 Show to whom, date, and address of delivery. _____ c
 RESTRICTED DELIVERY
 Show to whom and date delivered. _____ c
 RESTRICTED DELIVERY
 Show to whom, date, and address of delivery. \$ _____
 (CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO: Mr. Paul Poole
 Kaiser Expl. & Mining
 PO Box 8, Ravenswood, WV 26164

3. ARTICLE DESCRIPTION:
 REGISTERED NO. | CERTIFIED NO. | INSURED NO.
 | 575040 | |

(Always obtain signature of addressee or agent)

I have received the article described above.
 SIGNATURE Addressee Authorized agent
Candi Ritchie

4. DATE OF DELIVERY: 9/8/81

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: _____ CLERK'S INITIALS _____
CP

☆GPO: 1977-0-249-595

RECEIVED

SEP 23 1981

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES
RECEIVED
Office Of Oil and Gas

JUL 28 2023

WV Department of
Environmental Protection

08/11/2023

11/10/2016

PLUGGING PERMIT CHECKLIST
47-035-01615

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**

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WV Department of
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08/11/2023

WW-4B

API No.	<u>47-035-01615</u>
Farm Name	<u>Gene Snyder</u>
Well No.	<u>Russel Reed 1000</u>

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____

Its _____

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 WV Department of
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SURFACE OWNER WAIVER

Operator's Well
Number

Russel Reed 1000

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

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

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

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

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

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

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

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

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WV Department of
Environmental Protection

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.

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 Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

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

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,

_____	Date _____	Name _____
Signature		By _____
		Its _____
		_____ Date _____

Signature

Date 08/11/2023



Kennedy, James P <james.p.kennedy@wv.gov>

plugging permit issued 4703501615

1 message

Kennedy, James P <james.p.kennedy@wv.gov>


Thu, Aug 10, 2023 at 11:25 AM

To: Chris Veazey <CVeazey@dgoc.com>, Joseph D Taylor <joseph.d.taylor@wv.gov>, Austin Sutler <asutler@nexttlvenergy.com>, Phyllis Copley <pcopley@dgoc.com>, jefferco@assessor.state.wv.us

To whom it may concern, a plugging permit has been issued for 4703501615.

James Kennedy

WVDEP OOG

 **4703501615.pdf**
4560K

08/11/2023