

#### 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 A-41 47-079-00966-00-00

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

Operator's Well Number: Farm Name: McLEAN, J. L.

U.S. WELL NUMBER: 47-079-00966-00-00

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 21 ,	20 23
2) Operator's	
Well No. McLean J L A-41	
3) APT Well No. 47-079	- 00966

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

APPLICATION FOR A PERM	IIT TO PLUG AND ABANDON
	erground storage D) Deep / Shallow
5) Location: Elevation 939.5'	Watershed Mudlick Fork
District Union	County Putnam Quadrangle Elmwood 7.5'
6) Well Operator Diversified Production, LLC  Address 414 Summers Street  Charleston, WV 25301	7) Designated Agent Chris Veazey  Address P.O. Box 381087  Birmingham, AL 35238
) Oil and Gas Inspector to be notified Name Joe Taylor	9) Plugging Contractor  Name Next LVL Energy (Diversified Owned)
Address 1478 Claylick Rd.	Address 104 Helliport Loop Rd
Ripley, WV 25271	Bridgeport, WV 25330
10) Work Order: The work order for the mann	er of plugging this well is as follows:

See Attached

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Office Of Oil and Gas

JUL 28

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

7-76-23

Time of open flow between initial and final tests, \_\_\_\_ hours

. .

Static rock pressure, \_\_\_\_\_ psig (surface measurement) after hours shut to

FORM IV-35 (Reverse)

[63-78]

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

7/15/80 - Rigged up King Torpedo. Ran 13,000# o.5 80% glycerin. Top of . shot; 3062'

WELL LOG

FORMATION	Color	ilard or Soft	Top Feet	Bottom Feet	including indication of all free and salt water, coal, cil and st
Sand and Shale Sand Sand and Shale Sand Shale Sand Shale Sand Sand and Shale Big Lime Shale Injun Shale Coffee Shale Berea Shale Brown Shale Shale			0 680 710 910 950 1020 1060 1205 1345 1840 2010 2045 2170 2490 2515 2525 3730 4210	680 710 910 950 1020 1060 1205 1345 1840 2010 2045 2170 2490 2515 2525 3730 4210 4389	D.T.D. 4389¹ L.T.D. 4389¹  Office Of Oil and Given the control of

(Attach separate sheets to complete as necessary:

By Regional Manager, Drilling & Production

# TE: Regulation A.Cifi) provides as follows:

"The term '199' or 'bell log' shall mean a systematic, dotatiod genlogial respond of all formations, including soal, encountered in the destate of the seal of the

#### **Plugging Prognosis**

API#: 4707900966

West Virginia, Putnam County

#### **Casing Schedule**

9-5/8" @ 623' (Cemented to Surface w/ 230 sks)
7" @ 2610' (Cemented to Surface w/ 300 sks)
2-3/8" @ 1856'
TD @ 4389'

Completion: Brown Shale - 3062'-4230'

Fresh Water: None listed Salt Water: None listed Gas Shows: None listed Oil Shows: None listed Coal: None listed Elevation: 800'

- 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
- TIH w/ tbg to 4230'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel. Pump 1268' Class L cement plug from 4230' to 2962' (Brown Shale Completion Plug). Tag TOC. Top of as needed.
- 6. TOOH w/ tbg to 2962'. Pump 6% bentonite gel from 2962' to 2660'.
- 7. TOOH w/ tbg to 2660'. Pump 100' Class L cement from 2660' to 2560' (7" csg shoe plug).
- 8. TOOH w/tbg to 2560'. Pump 6% bentonite gel from 2560' to 850'.
- TOOH w/ tbg to 850'. Pump 277' Class L cement plug from 850' to 573' (Elevation and 9-5/8" csg shoe plug).
- 10. TOOH w/ tbg to 573'. Pump 6% bentonite gel from 573' 100'.
- 11. TOOH w/ tbg to 100'. Pump 100' Class L cement plug from 100'- Surface (10" csg shoe and Surface plug).
- 12. Reclaim well site and erect plugging monument to WV DEP specifications.

All Free Pipe Pulkel!!!

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JUL 28 2023

WV Department of Environmental Protection

Date:	7/2/2023	
Operator	s Well Number McLean J L A-41	
operator		

079

00966

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

3) API Well No.: 47 -

<ol> <li>Surface Ow</li> <li>Name</li> </ol>	Christine Cochran	& Lvnn Casto	Name	Not Currently Ope	erated
Address	4630 Jim Ridge Ro		- Address		
nuuress	Liberty, WV 25124				
(b) Name	Liberty, VVV 2012+		(b) Coal O	wner(s) with Declaration	n
Address	S <del>24, 100, 100, 100, 100, 100, 100, 100, 10</del>		— Name	McLean Hoge LLC	
11441000	(* <u></u>		— Address	1204 Glenn Ave.	
				Augusta, GA 30904	
(c) Name			Name		
Address			Address		RECEIVED
			_		Office Of Oil and Gas
6) Inspector	Joe Taylor	1	(c) Coal Le	essee with Declaration	JUL 28 2023
Address	1478 Claylick R	d. AV	Name		001 20 2525
	Ripley, WV 252		Address		WV Department of
Telephone	(304) 380-7469				Environmental Protection
			Form WW-4B, whic	h sets out the parties involve	ed in the work and describes th
well (2) The The reaso However, Take notic accompan Protection the Applie	lits and the plugging work plat (surveyor's map) sho in you received these document you are not required to take an ee that under Chapter 22-6 of ying documents for a permit to the with respect to the well at the cation, and the plat have been	order; and wing the well location that is that you have riny action at all. the West Virginia Coo o plug and abandon a the location described on mailed by registered	ion on Form WW-6.  Ights regarding the appl  de, the undersigned wel well with the Chief of the on the attached Applicated or certified mail or designed.	ication which are summarized in Il operator proposes to file or has the Office of Oil and Gas, West V tion and depicted on the attached	the instructions on the reverses side filed this Notice and Application an firginia Department of Environments Form WW-6. Copies of this Notice
well (2) The The reaso However, Take notic accompan Protection the Applie	lits and the plugging work plat (surveyor's map) sho in you received these documer you are not required to take an once that under Chapter 22-6 of ying documents for a permit to the with respect to the well at the	to order; and wing the well location is is that you have ring action at all.  the West Virginia Coo plug and abandon a nee location described on mailed by registered day of mailing or deliverse.	de, the undersigned we well with the Chief of the attached Applicated or certified mail or divery to the Chief.  Diversified Pro Austin Sutler	ication which are summarized in II operator proposes to file or has the Office of Oil and Gas, West V tion and depicted on the attached elivered by hand to the person(s) duction, LLC ging Operations  Street	the instructions on the reverses side filed this Notice and Application and Form WW-6. Copies of this Notice of the Notice of th

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 <a href="mailto:depprivacyoffier@wv.gov">depprivacyoffier@wv.gov</a>.

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

US POSTAGE AND FEES PAID

2023-07-24

25301 C4000004 Retail 6.0 OZFLAT

CHRISTINE COCHRAN & LYNN CASTO 4630 JIM RIDGE RD LIBERTY WV 25124

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JUL 28 2023

WV Department of Environmental Protection 1/1

Diversified Gas & Oil Corporation Permitting Department 414 SUMMERS STREET 2ND. FLOOR CHARLESTON WV 25301 0901000008036

6.0 OZFLAT

25301 C4000004 Retail

easypost

US POSTAGE AND FEES PAID

2023-07-24

MCLEAN HOGE LLC 1204 GLENN AVE AUGUSTA GA 30904

> RECEIVED Office Of Oil and Gas

> > JUL 28 2023

WV Department of Environmental Protection



7//2023

James Martin Office of Oil and Gas 601 57<sup>th</sup> 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 4707900966 Well Name McLean J L A-41

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

Sincerely,

Chris Veazey Permitting Supervisor 304-590-7707



#### 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	)	ORDER NO.	2022-13
SECTION 14.1. AND LEGISLATIVE RULE	)		
35CSR8 SECTION 20.1,	)		
RELATING TO THE CEMENTING	)		
OF OIL AND GAS WELLS	)		

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Office Of Oil and Gas

#### REPORT OF THE OFFICE

JUL **28** 2023

In response to industry requests, the West Virginia Department of Environmental WV Department of 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.
- 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.

Promoting a healthy environment.

 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 monogramed 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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Office Of Oil and Gas

JUL 28 2023

WV Department of Environmental Protection

API Number	47 - 079	_ 00966	
Operator's W	r Sillenne"	J L A-41	

# 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 _ 49452412	1
Watershed (HUC 10)Mudlick Fork	QuadrangleElmwood 7.5'	
Do you anticipate using more than 5,000 bbls of water	to complete the proposed well work? Yes	No.✓
		No
If so, please describe anticipated pit waste:	duction 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 Waste	es:	
Underground Injection ( UIC Per Reuse (at API Number Off Site Disposal (Supply form)		
Will closed loop systembe used? If so, describe: N/A		
Drilling medium anticipated for this well (vertical and hor	izontal)? Air, freshwater, oil based, etc. N/A	
-If oil based, what type? Synthetic, petroleum, et-	c.N/A	
Additives to be used in drilling medium? N/A		RECEIVED Office Of Oil and Gas
Drill cuttings disposal method? Leave in pit, landfill, remo	oved offsite, etc. N/A	JUL 2 8 2023
-If left in pit and plan to solidify what medium wi	ll be used? (cement, lime, sawdust)N/A	
-Landfill or offsite name/permit number? N/A		WV Department of Environmental Protection
Permittee shall provide written notice to the Office of Oil a West Virginia solid waste facility. The notice shall be provide where it was properly disposed.		
I certify that I understand and agree to the terms on April 1, 2016, by the Office of Oil and Cas of the Wes provisions of the permit are enforceable by law. Violations or regulation can lead to enforcement action.  I certify under penalty of law that I have perso application form and all attachments thereto and that, base the information, I believe that the information is true, ac submitting false information, including the possibility of fice Company Official Signature  Company Official Title Manager Plugging Operations	st Virginia Department of Environmental Protections of any term or condition of the general permit are smally examined and am familiar with the information of inquiry of those individuals immediately curate, and complete. I am aware that there are	on. I understand that the nd/or other applicable law mation submitted on this responsible for o btaining
Subscribed and sworn before me this day of	of <u>Uly</u> , 20 <u>23</u>	
Jandia J. Wes	Notary Public	OFFICIAL SEAL
My commission expires Dept. 18, 7	2027	NOTARY PUBLIC STATE OF WEST VIRGINIA 908/19ese/2023 241: Julian No. Julian NV 25886 Aly Commission Expires September 18, 2027

		t to pH6.5	
Fertilizer type1	0-20-20 or Equivalent	2	
Fertilizer amount	TBD	lbs/acre	
Mulch2		Tons/acre	
		Seed Mixtures	
,	Гетрогагу	Perman	ent
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike	5	Alside Clover	5
Annual Rye	15	<u> </u>	
Entertain the second control of the second c			
(L, w), and area in acres, (	of the land application area.		W, D) of the pit, and dimensions
Photocopied section of inv			RECEIVED Office Of Oil and Ga
Photocopied section of inv	of the land application area.  olved 7.5' topographic sheet.		RECEIVED Office Of Oil and Ga  JUL 28 2023
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Photocopied section of inv	of the land application area.  olved 7.5' topographic sheet.  Extended with the content wit		Office Of Oil and Ga  JUL 28 2023  WV Department of
Photocopied section of inv	of the land application area.  olved 7.5' topographic sheet.  Extended with the content wit	iill be in place at All	Office Of Oil and Ga  JUL 28 2023  WV Department of

Proposed Revegetation Treatment: Acres Disturbed \_\_\_\_\_\_ Preveg etation pH \_\_\_\_\_\_

	Page	1	of	2
API Number 47	- 079		00966	
Operator's Well	No. McLean J	L A-4	1	

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

GROUNDWATER PROTECTION PLAN

Wate	ator Name: Diversified Production, LLC rshed (HUC 10): Mudlick Fork	Quad: Elmwood 7.5'	
	Name: J.L. McLean		
	ist the procedures used for the treatment and discharge or groundwater.	f fluids. Include a list of all operations that could	contaminate the
2. ]	Describe procedures and equipment used to protect ground	lwater quality from the list of potential contaminan	t sources above.
	ist the closest water body, distance to closest water bo	dy, and distance from closest Well Head Protect	tion Area to the
	Summarize all activities at your facility that are already re-	gulated for groundwater protection.	RECEIVED Office Of Oil and Ga
			JUL 2 8 2023
		En	WV Department of vironmental Protecti
1			

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



	V-9- GPP v. 5/16	Page API Number 47 - <u>079</u> Operator's Well No. <u>McLean</u>	- 00966
6.	Provide a statement that no waste material will be used for deicing or fi	ll material on the property.	
7.	Describe the groundwater protection instruction and training to be provide direction on how to prevent groundwater contamination.	rovided to the employees. Job p	procedures shall
			DECEMEN
			Office Of Oil and Gas
L			JUL 2 8 2023
8.	Provide provisions and frequency for inspections of all GPP elements a	and equipment.	WV Department of Environmental Protection

Signature:

Date: \_

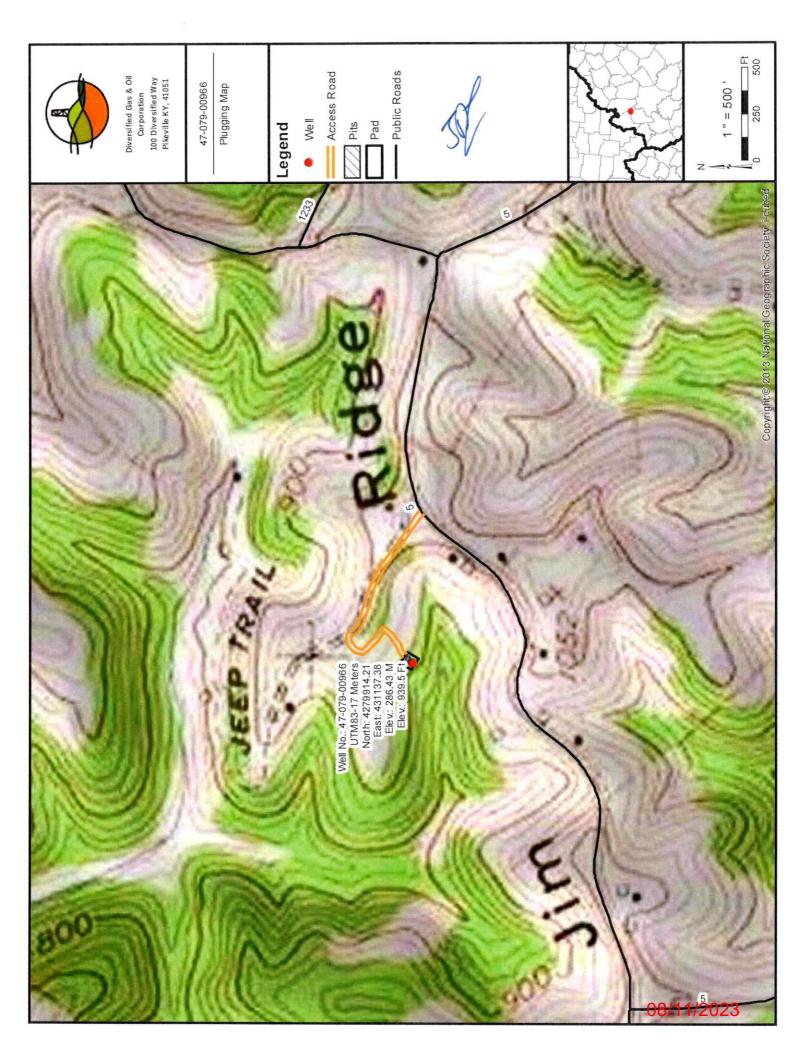
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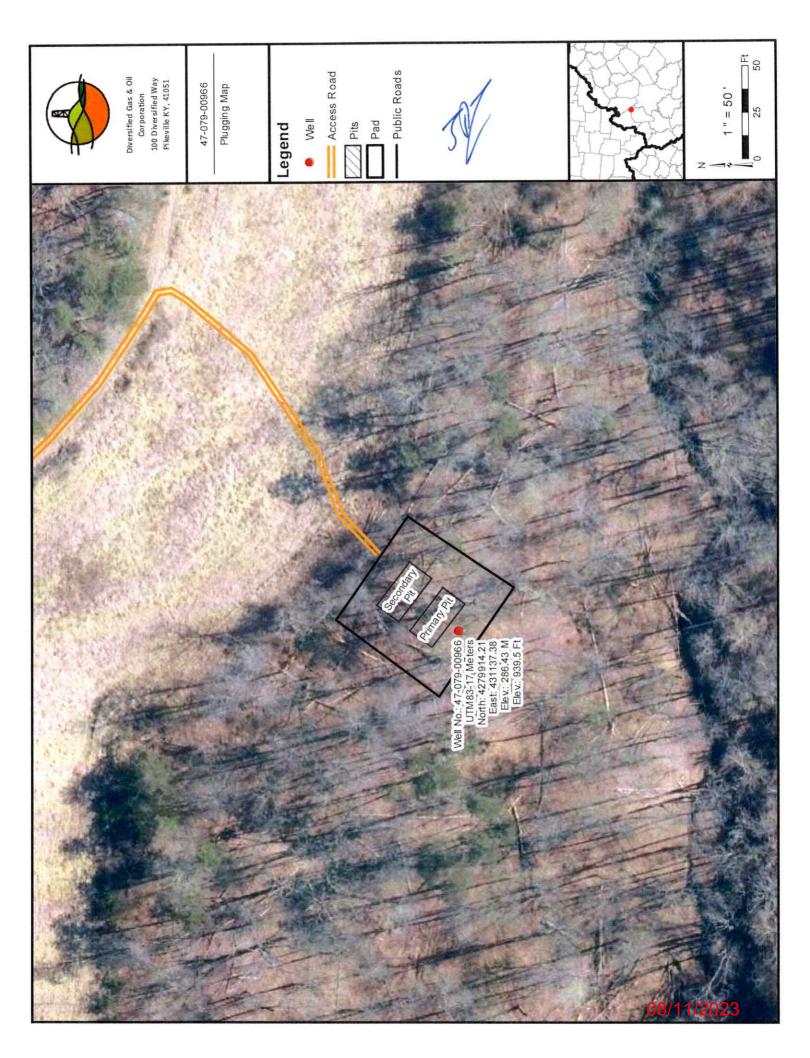


## West Virginia Department of Environmental Protection Office of Oil and Gas

## WELL LOCATION FORM: GPS

WELLE	CATION FORM. GIS
<sub>API:</sub> 4707900966	WELL NO.: McLean J L A-41
FARM NAME: J.L. McLea	
RESPONSIBLE PARTY NAME:	Diversified Production, LLC
county: Putnam	DISTRICT: Union
QUADRANGLE: Elmwood	7.5'
SURFACE OWNER: Christi	ne Cochran & Lynn Casto
ROYALTY OWNER: McLea	n Hoge LLC, Cabot Oil & Gas
UTM GPS NORTHING: 4279	914.21
UTM GPS EASTING: 43113	7.38 GPS ELEVATION: 939.5'
preparing a new well location plat of above well. The Office of Oil and Othe following requirements:  1. Datum: NAD 1983, Zornheight above mean sea legal 2. Accuracy to Datum – 3. 3. Data Collection Method Survey grade GPS: Post Page 1.	05 meters : Processed Differential  Time Differential
	st Processed Differential X
	al-Time Differential
I the undersigned, hereby certify th	is data is correct to the best of my knowledge and required by law and the regulations issued and Gas.
Signature	Austin Sutler - Manager Plugging Operations Title Date





Signed\_\_\_\_\_



5-6-60



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

#### Oil and Gas Division

OIL & GAS DIVISION

### OIL AND GAS WELL PERMIT APPLICATION

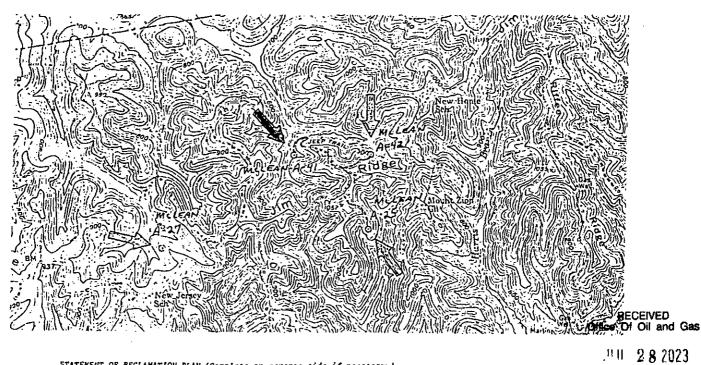
			•
	TO THE DEPARTMENT OF M Charleston, W. Va.	ines,	DATE April 30, 1980
			Appalachian Exploration &
	Surface Owner Arnold King	25124	Company Development, Inc. Address Box 628, Charleston, WV 25322
	Address Liberty, WV		7.7 MoToon 60.50
	Mineral Owner (See attache	ed 11st)	Parm Acres
	Address		Location (waters) Mud Lick Fork
	Coal Owner Kenneth Ash		Well No. A-41 Elevation 8001
	Address Robertsburg	g. WV 25172	Sistrict Union County Putnam
	Coal Operator Not operate	s <b>q*</b>	Quadrangie Elmwood (7.5 Series)
	Address		<u>.</u>
	IT MUST BE POSTED AT THE		
All proving	ons being in accordance with C Va. Code, the location is bereby	y approved T.	NSPECTOR
of the vv.	rilling . This permit sh	all expire il T	O BE NOTIFIED Martin Nichols
operations	have not commenced by 1-16	_81^4 A	DDRESS P.O. fax 554, Clendenin, WV 25045
Holon	F 1 66	<b>–</b> . P	HONE 548-6993
Deputy	y Director - Oil & Gas Division GENTLEMEN:	•	•
•	The undersigned well operator	is entitled to drill upon the	above named farm or tract of land for oil and gas, having fee
			ated April 1 19 36 by Helen M.  nc. and recorded on the 1st asy of June
	36 Putnam	. County, Book 31	and recorded on the oay of
•	v	•	
		DRILL DEFFER	·
-	OIL AND GAS WEI	LL ORIGINALLY DRILLED	BEFORE JUNE 5, 1969.
1	The enclosed plat was prepared have been notified as of the above	d by a registered engineer o	r licensed land surveyor and all coal owners and/or operators RECEIVED Office Of Oil and Gas
ĺ	The above named coal owners to make by Section 3 of the Code	and/or operator are hereby	notified that any objection they wish to make, or are required
	Conies of this motion and the a		JUL # O LUCI
	or coal owners at their above sho	own respective address	day before, or on the average of
4	tame day with the mailing or deli-	very of this copy to the Dep	partment of Mines at Charleston, West Virginia.  Environmental Protection
		4**	Very truly yours Appalathian Exploration & Development, Inc.
	PLEASE SUBMIT COPIES OF . GEOPHYSICAL LOGS DIRECTL		(Sign Name) 12 Mario
`		- 101	Well Operator
	WEST VIRGINIA GEOLOGICAL		P.O. Box 628
	ECONOMIC SURVEY P. O. BOX 879	Addres of	S Street
	MORGANTOWN, WEST VIRGINI	Wall Ones	
	AC-304 - 292-6331		City or Town
			West Virginia 25322
			State
	*SECTION 3 If no objection to the state of the st	ons are filed or found by the D	epartment of mines, within said period of ten days from the receipt of the department shall forthwith issue to the well operator a permit reciting
п		muce, to me brohosen tocation.	· · · · · · · · · · · · · · · · · · ·
1	he filing of such plat, that no objection and the well operator authorized to pre-	as have been made by the coal op	erators or found thereto by the department and that the same is approved
1	he filing of such plat, that no objection	ns have been made by the coal op occed.	erators or found thereto by the department and that the same is approved  47-079-0966

# THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

ESTIMATED DEPTH OF COMPLETED WELL: \$\( \frac{\text{LOO}}{\text{COMP}} \) ROTARY \( \text{X} \) CABLE TOOLS \( \text{PROPOSED GEOLOGICAL FORMATION: } \) ETOMM Shale \( \text{TYPE OF WELL: } \) OIL \( \text{GAS } \frac{\text{X}}{\text{COMB}} \) COMB \( \text{STORAGE} \) DISPOSAL \( \text{TYPE OF WELL: } \) OIL \( \text{GAS } \frac{\text{X}}{\text{COMB}} \) WATER FLOOD \( \text{COMBER } \) OTHER \( \text{TENTATIVE CASING PROGRAM: } \)  TENTATIVE CASING PROGRAM:  CASING AND TUBING \( \text{USID FOR BUILTING } \) USID FOR \( \text{USID FOR STAKES - CIPIC FT.} \) OR SAKES - CIPIC FT. \( \text{20} \) 13 - 10 \\ 9 - 51R \( \text{STORAGE } \) S50' \( \text{STORAGE } \) OR SAKES - CIPIC FT. \( \text{20} \) 13 - 10 \\ 9 - 51R \( \text{STORAGE } \) S50' \( \text{STORAGE } \) OFTIC \( \text{STORAGE } \) OR SAKES - CIPIC FT. \( \text{20} \) OFTIC \( \text{STORAGE } \) OR SAKES - CIPIC FT. \( \text{20} \) OR SAKES - CIPIC FT. \( 20	PROPOSED WORK ORDER TO	X DRILL	DEEPEN	FRACTURE STIMULATE		
NAME R.P. PERSONS  ADDRESS	Bitte Continuous (in this way)					
TELEPHONE	NAME Unknown.					
ESTIMATED DEPTH OF COMPLETED WELL: 4500 ROTARY X CABLE TOOLS  PROPOSED GEOLOGICAL FORMATION: 57097 STATE  TYPE OF WELL: OIL GAS X COMB. STORAGE DISPOSAL  RECYCLING WATER FLOOD ATTHEM  TENTATIVE CASING PROGRAM:  CASING AND TUBING CIMINATE ORIGINAL WILL IN CHMINT HILLER OR SAKES - CHMINT HILLER  51 10 10 10 10 10 10 10 10 10 10 10 10 10	ADDRESS					
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X Yzany Bourne Hamo			•	•	۷	

## STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS TO SOON

WELL OPERATOR		Appalachion Exploration of Development, Inc.	IGN PLAN DESIGNATED AGENT	R.P. Parsons
Address	ress _	Box 628	Address _	
	_	Charleston, WV 25322		Charleston, WV 25322
the man	ner set	wall operator hereby agrees to carrout below.  plan has/ has not/ b		•
	CUNELL	e and show the (1) well location, (2) world, (4) well site, (5) drilling p (natural and manmade), sitt traps,	illel. and (6) Hecesso	l, (3) acceen road to be ry drainage features, including



STATEMENT OF RECLAMATION PLAN (Complete on reverse side if necessary)

WV Department of Environmental Protection

Location is situated in a small drain. Access road will be excended from a jeep trail a distance of approximately 600 feet to the location, almost on grade with the location. Location cover is mostly small timber of post size. Drilling pit will be built on location. There are no homes within 500 feet of location. Road and location will be seeded and graded when well is completed.

MAY - 1 1980

Appalachian Exploration & Development, Inc.

OIL & GAS DIVISION DEPT. OF MINES District Production Superintendent.

## MINERAL OWNERS . McLEAN WELLS

- (1) /Nan Nash Grosscup One Morris Street, Apt. 604 Charleston, WV 25301
- (2) Mary Bower Garrett, Agent 101-16th Avenue North St. Petersburg, Florida 33704
- (3) Ivan Arista Hoge 300 Shorter Avente Rome, Georgia 30161
- (4) Helen Hoge Gustavson 2020 Gulf Shore Blvd. Naples, Florida 33940
- (5) Cabot Corporation
  P. O. Box 1473
  Charleston, WV 25325
- (6) Kenneth M. Bowyer, Jr., Agent 6400 Lincoln Avanue Apt. 1104 Buena Park, California 90620



OIL & GAS DIVISION
DEPT. OF MINES

: 4

RECEIVED
Office Of Oil and Gas

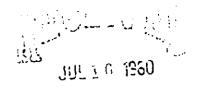
JUL 28 1923

WV Department of Environmental Protection

#### STATE OF WEST VINGINIA

## DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



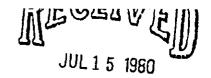
OIL & CAS PROSES DEFT. OF MINES

## INSPECTOR'S WELL REPORT

Parmin May 7-079-0966			Oil of (	G31 Well GAS
Company A & D Inc.	CARING AND TURING	USED IN DRILLING	Left in Well	PACKERS
· Address Charleston, www	Size			
Farm J.L. McLean	16	; 	<u> </u>	Kind of Packer
(.'ell No	13 10	-635	635	Size of
Districe Union county Putnem	Sti.			3120
Drilling commenced 7-7-80	G*4			Depth set
Orilling completedTotal depth	6 3/16			
Date shotDepth of shot	2			Perf. top
Initial open flow/10ths Water inInch	Liners Used			Perf 'ap
Open flow after tubing /10ths Merc, inInch				Perf. bottom
VolunteCu. Ft.	CASING CEME:	NTED 95	Size 635	No. FT. 7-8-FO Date
itack prescurehrs.				liburton
Oilbbls., 1st 21 hrs.	COAL WAS EN	COUNTERED	AT	FEETINCHES
Fresh waterfeetfeet	FEET_	INCH	ies	FEETINCHES
Salt waterfeetfeet	FEET_	INCH	IES	FEET RECEIVED NCHES Office Of OW and Gas
Drillers' Names				JUL <b>28</b> 2023
			_	WV Department of Environmental Protection
Remarks: Computed with 230 Bag	75- Cen	rent C	ircular	id
Remarks: Cemented-With 230 Bag Plugdown at 45 pm				508

#### STATE OF WEST VIRGINIA

## DEPARTMENT OF MINES



OIL AND GAS WELLS DIVISION

OIL & GAS DIVISION
DEPT. OF MINES

## INSPECTOR'S WELL REPORT

Permit No. 47-079-0966			Oil or	Gas Well Gas
Company A & D Inc	CARING AND TUBING	USED IN DRILLING	Left in	PACKERS
Address Charleston	Size		] 	
Farm J. L. McLean	16			Kind of Packer
Well No A- H	13	<u> </u>	<u> </u>	
	IU.		<u> </u>	Size of
District Union County Letre un	814 64_74	2403	2603	
Drilling commenced 7-7-80	5 3/16			Depth set
Drilling completed 14-86 Total depth 4389	3			Perl, top
Date shotDepth of shot	2			Perf. bottom
Initial open flow/10ths Water inInch	Liners Used			Perf. top
Open flow after tubing/10ths Merc. inInch				Perf. bottom
VolunteCu, Ft.	CASING CEVEN	TED 711	200760	3_No. FTZ-/2-84) <sub>31</sub>
dock pressurehrs.	NAME OF SER			
OST				
				FEETINCHES
Fresh waterfeetfeet	FEET_	INCH	ES	FEETINCHES
Salt waterfeetfeet	FEET_	INCH	ESI	FEETINCHES
Orillers' Names		,		RECEIVED Office Of Oil and Ga
lemaiks:				JUL 28 2023
Cemented With 410 Bay	2.5			WV Department of Environmental Protecti
Logging Well				500

7-14-80

Moster B. Wichels

#### STATE OF WEST VIRGINIA

## DEPARTMENT OF MINES

## RECEIVED

AUG - 2 1982

## INSPECTOR'S WELL REPORT

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

Permit No. 47-079-0966			Qil ar	Gas Well	<del></del>
Company A. E. D.	CARING AND	UEED IN	LEFT IN WELL	PACKE	AC.
Address Charleslan AMO	Siza				
FATT J. J. M. Cleur	16			Kind of Pack	er
# - 4 - 4	10	<u>.</u>	·	Size of	· · ·
THISTICE WINDS Country Juline	6%			Depth set	
Drilling commenced	5 3/16				
Drilling completed Total depth	3			Perf. top	
Date shotDepth of shot	2	<del>-,</del>		Perf. bottom	
In tial open flow/10ths Water inInch	Liners Used			Perf. top	
Occupion after tubing/10ths Merc. inInch				_ Peri, Bottoni	
- siumeCu. Ft.	CASING CEME			No. FT	Date
Cook prescurelbshrs.	NAME OF SER	IV'CE COMP.	ANY	<del></del>	, <u>,</u>
bbla., 1st 24 hrs.	COAL WAS EN	COUNTEREL	AT	_FEET	_INCHE:
. esh waterfeetfeet	FEET	INC	HES	_FEET	_inche
Alt waterfeetfeet	FEET.	INC	HES	_FEET	_INCHE
Drillers' Names				·	······································
Final inspection made	On the	ús lu	oll.	<del></del>	

7-30-82 Release

503 / 608/1/13 Detations



## State of West Wirginia

Bepartment of Mines Gil and Gas Division Charleston 25305

WALTER N. MILLER DIRECTOR

THEODORE M. STREIT ADMINISTRATOR

August 11, 1982

Cabot Oil & Gas Corporation P. O. Box 628 1100 City Center West Charleston, W. Va. 25322

Dear Sir:

The required records and reports have been received in this office and the District Inspectors have submitted Final Inspections for the following rells listed below:

PERMIT NO.	FARM AND WELL NUMBER		DISTRICT
PUT-0928	J. L. McLean, #A-17		Union
PUT-0933	Lloyd Bush, #1		Union
PUT-0962	J. L. McLean, #A-24		Union
PUT-0963	J. L. McLean, #A-25		Union
PUT-0964	J. L. McLean, #A-27		Union
PUT-0965	J. L. McLean, #A-31		Union
PUT-0977	J. L. McLean, #A-47	RECEIVED Office Of Oil and Gas	Union .
PUT-0966	J. L. McLean, #A-41	Office Of Off and Gas	Union
PUT-0967	J. L. McLean, #A-42	JUL 28 / 023	Union
PUT-0976	J. L. McLean, #A-35	301, 20, 323	Union
PUT-0978	J. L. McLean, #A-50	WV Department of	Union
PUT-0982	J. L. McLean, #A-51	Environmental Protection	Union

In accordance with Chapter 22, Article 4, Section 2, the bond coverage for above captioned wells will stay in force for life of well. Reclamation requirements have been approved.

Very truly yours,

Theodore M. Streit

TMS:rl

SEPSO ISO

## FERC-121

		<del>~&gt;~VISIO</del> I <del>(~~</del> 7
1.0 API well number: (If not available, feave blank, 14 digits.)		OF MINES
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 · N/A Section of NGPA Category Code	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2,0 above.)	4230 feet	
4.0 Name, address and code number of applicant: [35 letters per line maximum. If code number not available, leave blank.)	Appalachian Exploration & Devel., Inc.  Name P. O. Box 628  Street Charleston WV 25322  C:/ State Zip Cod=	O00728 Seller Code
5.0 Location of this well: [Complete fe] or (b).] (a) For onshore wells (35 letters maximum for field name.)	Union  Field Name Putnam  County  State	•
(b) For OCS wells:	N/A  Area Name  Block Number  Date of Lease:  I I I I I I I OCS Lease Number	
(c) Name and Identification number of this well: (35 letters and digits maximum.)	J. L. McLean A-41	RECEIVED  Office Of Oil and G
(d) If cod: 4 or 5 in 2.0 above, name of the re ervoir: (35 letters maximum.)	N/A	JUL 28 2023
<ul> <li>-a) Name and code number of the purchaser: {35 letters and digits maximum. If code number not available, leave blank.}</li> </ul>	Tennessee Gas Pipeline Co.	Environmental Frotect  018629  Buyer Code
(b) Date of the contract:	0,8,1,7,7,9, Mo. Day Yr.	
(c) Estimated annual production:		•
	(a) Base Price (b) Tax (c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	TURNED IN AT FILING DATE	
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	NOT DETERMINED; WELL NOT TURNED IN AT FILING DATE	
9.0 Person responsible for this application:  Agency Use Only  Date Received by Juris, Agency  SEP 20 1930  Date Received by FERC	James R. Cramblett  Name  Name  Signature September 30, 1980	Manager
Sale received by 1 Cito	Date Application is Completed Phone Number	5 <u></u>

1

÷

(IL OPERATOR: Appalaching Exploration & Develotic 000 733
FIRST PURCHASER: To Gas Pipeline Co. FEB 20 10011 8629
OTHER:
W. V. Department of Mines, Oil & Gas Division WELL DETERMINATION FILE NUMBER  8009 30 103 0790966  Use Above File Number on all Communications Relating to Determination of this Well  2 12 ale fees Filher 359
CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING
TEM. 80.
I. FERC -121 Items not completed - Line No.
Z. IV-1 Agent Vomes K. (ramblett
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? Racio
7. IV-39 Annual Production years
8. IV-40 90 day Production Days off line:
9. 1V-48 Application for certification. Complete?
-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? Affidavit Signed
-28. Other: Survey Logs Geological Charts
Structure Map 1: 4000 Map Well Tabulations Gas Analyses
(5) Date commenced: 7-7-80 Date completed 7-16-80 Deepened
(5) Production Depth: <u>3062-4230</u>
(5) Production Formacion: Brown Shale RECEIVED
(5) Final Open Flow: 115M. Office Of Oil and Gas
(5) After Frac. R. P., 900 JUL 28 2023
(6) Other Gas Test: WV Department of Environmental Protection
(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 Rep
(5) Oil Production: No From Completion Report
-17. Does lease inventory indicate enhanced recovery being done
-17. Is affidavic zigned?Notarized?
s official well record with the Dupartment confirm the submitted information? Ves
icional information Does computer program confirm?
Determination Objected toBy Whom?SB,

FORM IV-54WC

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

Operator's J. L. McLean A-41

API Well No. 27
No. 27
State County Permit

## WELL CLASSIFICATION FORM

NEW ONSHORE PRODUCTION WELL	
MGPA Section 103	•
DESIGNATED AGENT James R. Cramblett	<del></del>
2.DORESS P. O. Box 628	
Appalachian Exploration & Charleston, WV 25322	<del></del>
WELL OPERATOR Development, Inc. LOCATION: Elevation 800'	
D. C. Daw 628	<del></del>
Union Dutnam Filmul	ood 7.5'
	<del></del>
GAS PURCHASER Tennessee Gas Pipeline Co. Gas Purchase Contract No. N/A	·—
ADDRESS P. O. Box 2511 Heter Chart Code N/A	
Houston, TX 77001 Date of Contract 8/17/79	
* * * * * * * * * * * * * * * * *	*
	-
Date surface drilling was begum: July 7, 1980	
Indicate the bottom hole pressure of the well and explain how this was calculated:	
986 PSI Bottom Hole Calculated	
100 131 Boctom note Sateurated	
"Separate Sheet Attached"	
populate direct Accidence	
· •	
AFFIDAVIT :	
I. James R. Cramblett, having been first sworm according to law state that surface drilling of the well for which this decernination is sought was begun on or after February 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to dreservoir from which gas is or will be produced and which applied to any offer well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sour is a new onstore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.	19, he h ghe
James & Crambbett	RECEIVED
	Office Of Oil and Gas
•	UU 00 2023
STATE OF WEST VIRGINIA,	JUL <b>28</b> 2023
county of Kanawha to uit:	
Lamana Millan	WV Department of Environmental Protection
	Ellanoi il lottorio
do cerrify that James R. Cramblet twhose name is signed to the writing above, bearing date	
the 30thday of September , 1980, has acknowledged the same before me, in my county aforeses	íd.
Civen under my hand and official seal this 30th of September 19 80	
My term of office expires on the 5th day of March 1989.	
(NOTARIAL SEAL)  Louis Miller Mocary Public	

1,0 API well number: (If not available, leave blank, 14 digits.)	]   	<u>47-7-9 - 266</u>				
<ol> <li>Type of determination being sought: (Use the codes found on the front of this form.)</li> </ol>	1	107 NA Section of NGPA Category Code				
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)		4230 feet				
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Name P. O.	P. O. Box 628  Street Charleston WV 25322				
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Union Field Nam Putnat County	ne /		WV State		
(b) For OCS wells:	Area Nam	Date of Les	se:	Block Number		
(c) Name and identification number of this well: (35 letters and digits maximum.)	J. L	McLean	A-41			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	NA				-	
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Tenne	essee Gas	Pipeline	Co.	018629 Buyer Code	
(b) Date of the contract:			0, 308 , Mo. Day	7 <sub>1</sub> 9 ,	RECEIVED Office Of Oil and G	
(c) Estimated annual production:			10.5	,MMcf:	_ WV Department of	
		(a) Base Price (S/MM8TU)	(b) Tax	(c) All Other Prices (Indicate (+) or (-).]	(d) Total of (a), (b) and (c)	
7.0 Contract price: (As of filing date. Complete to 3 Jecimal places.)	1	4.658	0.682	010_	5.350	
8.0 Maximum lawful rate:  1As of filing date. Complete to 3 decimal places.		4.658	0.682	010	5350	
9.0 Person responsible for this application:  Agency Use Only  Date Received by Jury, Agency  NOV 261980  Date Received by FERC	Name Can Signature Novem	R. Cramble  Cher 25, 1  ication is Complet	980 (	Drilling Title	Manager & Prod	

	MAY 18 1981	BUYER-SE	LLER CODE	
RTICI	PERATOR: Cabot Oil + Gas Corp			
		·	1629	
FIRST	PURCHASER: Tennesse Gas Pipeline Co.		10 de 1	
ITHER:		19.70	<del></del>	
	Department of Mines, Oil & Gas Division ELL DETERMINATION FILE NUMBER	5.7 %		
180-1	1-26 .107-079:0966			
	bove File Number on all Communications ating to Determination of this Well	· `,		
<u></u>	CYCCY EACH ATEN AS COMPLETE OF MOTE THAT IS MASSING			
ITEM XC	CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING			
	FERC -121 Items not completed - Line No			
3.	IV-1 agent / James R. Cramblett			
	IV-2 Well Permit ✓			
	IV-6 Well Plat			
5.	IV-35 Well Record Drilling Deepen:	ne –		
٦.	W-36 Gas-Oil Test: / Gas Only Was Oil Produced:	Fie	io	
	IV-39 Annual Production years			
	IV-40 90 day Production Days off line:			
	IV-48 Application for certification. Complete?			
	IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? / A			
	Other: Survey Logs Geological Charts			
	Structure Map 1: 4000 Map Well T. Gas Analyses			
. •	Date commenced: 7 -7-80 Date completed 7-16-80 Guero	ened		
	Production Depth: 3662 - 4230			
	Production Formation: Brown Shale	<del></del>		
, - ,	Final Open Flow: 115 mcf	,	RE( Office Of	CEIVED Oil and Gas
	After Frac. R. P. 900 #			
1	Other Gas Test:		00 <u>-</u> L	# 6 ZUZJ
	Avg. Daily Gas from Annual Production:		Environme	artment of ntal Protectio
, 2	Avg. Daily Cas from 90-day ending w/1-120 days			
•	Line Pressure:	Si6 from		
	r credestion: From Completion Report		·	
:	noes lease inventory indicate enhanced recovery being done	10		
0-17.	Is affidavit signed: / Notarized: /	· · · · · · · · · · · · · · · · · · ·	<del>-</del>	
	icial well record with the Department confirm the submitted informat			
adit: ••	Does computer program confirm	······ <u>ye</u>	2	
es Dete	rmination Objected to By whom?			
	5.5 miles			

## STATE OF WEST VIRGINIA

DEPARTMENT OF HIMES, OIL AND GAS DIVISION

Date November 25 . 19 80 Operator's J.L.McLean A-41 API Well 079 966

#### WELL CLASSIFICATION FORM

## HICH COST GAS WELL

NGTA Section 107

	_		
	DESIGNATED AGENT James	R. Cramblett	<del></del>
	ADDRESS P. O.	Box 628	<del></del>
	Charl	eston, WV 25322	
WELL OPERATOR Cabot Oil & Gas Corporation	LOCATION: Elevation 90	<del></del> _	
B O Pau 420		ck Fork	<del></del>
WAKESS	Matragasa	Putnam Quad. Elmw	
Charleston, WV 25322		delian doze, clina	<u>kupa</u> 7.5
CAS PURCHASER Tennessee Gas Pipeline	Contract No. 135		
ADDRESS P.O. BOX 2511	Heter Chart Code		
Houston, Texas	Date of Contract Marci	1 2 1979	
	* * * *	* * * *.	
<u>AF</u> I	IDAVIT		•
crops around its periphery. For the prodefined as that shale stratigraphic in Mississippian Berea Sand or, if absent the Onondaga limestone formation or its group of carbonates. As shown by the protocolor to this filing, the percentage of potent equal to or less than the five percent interval. I have no knowledge of any i which is inconsistent with a conclusion natural gas well.	ter/11 that lies beta, that of the Osage S schert equivalent, the ertinent portion of the tially disqualifying (5%) of the gross Devenformation not include	the base of the eries, and the top of the Hunter he gamma ray log att non-shale footage is onlan age producing ed in the applicatio	of rsville ached
	Geol	ogist	<del></del>
	9201	,	RECEIVED Office Of Oil and Gas
STATE OF WEST VIRGINIA,	•		N. O
county of Kanawha , to wir:	•		JUL <b>28</b> 2023
I. Lorene Miller . a Ner	Bublica in and for the	erers and commy stores.	ald MAN Dam .
do certify that Floyd B. Wilcox, whose name			Environmental Protection
the 25 day of November , 1980 , has	acknowledged the same bef	ore me, in my county	
aforesaid.			
Given under my hand and official sea	1 chis 25 day of Nover	ber 180	
My term of office expires on the $5$		, 19 <u>89</u> .	
(NOTARIAL SEAL)	Loce	mile Public	

API (Permit) No	Farm Name	Operator's Well No.
47-079-0927	McLean Heirs	A-14
47-079-0928	McLean Heirs	A-17
47-079-0933	L. Bush	<b>#</b> 1
47-079-0960	Putnam Co.	B-11
47-079-0961	McLean Heirs	A-12
47-079-0962	McLean Heirs	A-24
47-079-0963	McLean Heirs	A-25
47-079-0964	McJean Heirs	A-27
47-079-0965	McLen Heirs	A-31
47-079-0966	McLean Heirs	A-41
47-079-0967	McLean Heirs	A-42
47-079-0973	Putnam Co.	B-13
47-079-0975	McLean Heirs	A-33
47-079-0976	McLean Heirs	A-35
47-079-0977	McLean Heirs	A-47
47-079-0978	McLean Heirs	A-50
47-079-0979	McLean Heirs	A-20
47-079-0980	McLean Heirs	A-26
47-079-0981	Putnam Co.	B-19
47-079-0982	McLean Heirs	A-51
47-079-0983	McLean Heirs	A-46
47-079-0985	McLean Heirs	A-52
47-079-0989	Putnam Co.	B-20
47-079-0990	Putnam Co.	B-12
47-079-0991	McLean Heirs	A-45
47-079-0993	Putnam Co.	B-15
47-079-0994	McLean Heirs	A-44
47-079-0995	McLean Heirs	A-49
47-079-0996	McLean Heirs	A-16
47-079-0997	Putnam Co.	B-14
47-079-0998	McLean Heirs	A-18
47-079-0999	McLean Heirs	A-28
47-079-1000	McLean Heirs	A-32
47-079-1001	McLean Heirs	A-58
47-079-1008	McLean Heirs	A-29
47-079-1018	Frye	#1 D
47-079-1020	Putnam Co.	B-24
47-079-1021	Putnam Co.	B-25
47-079-1022	McLean Heirs	A-91
47-079-1034	J. S. Casto	#1 R-22
47-079-1035 47-079-1036	Putnam Co.	B-22
47-079-1036	Hardy Heirs	B-8
47-079-1037	Hardy Heirs McLean Heirs	5-5 A-97
47-079-1039	McLean Heirs	A-94
47-079-1040	Amherst	#1
47-079-1043	McLean Heirs	#± A−110
47-079-1045	Cabot	#4
47-079-1049	Putnam Co.	#4 B-18
47-079-1050	Haverty	#2
	ma.er ol	F &

Form OP-77 Ohverse



#### STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY Charleston, West Virginia 26311

ARCH A. MOORE. JR. Governor

Commissioner

4-1-6 011 ( O O O		ia (the transfero
to Cabot Oil & Gas Corporat	<del></del>	(the transfere
	ent is accepting all responsibil	
•	3, Article 1 of the West Virgini	a code and all tates as
	nunder, for the listed wells. Igent (name) Dave McCluskey, Ca	bot 011 & Gas Corp.
(address) P. O. Box 1473, Ch	<del></del>	
is on file with the Division		
	said wells by securities, cash	. or sucety (circle on
	int, effective date, issuing aut	<del>-</del>
<del>-</del>	00 Number Ko305008-18 Effect	
Insurance Company		<del></del>
	(Transferee) Cabot Oil & Gas	Corporation, successor
	By in interest to C	abot 871 & Gas Corp. of
j	Ite Vice President	• —
Taken, subscribed and sworn f	of before me this 19+1 day of	
locary Public alber ).	later :	
y commission expires March	28 19 95	100 F 52 T 11
-	(Transferor) Cabot Oll & Gas Co	Stybitation of West Virg
<i>:</i>	By See! AHac	hed
	Its	
aken, subscribed and sworn t	o before me this day of	
otary Public		
y commission expires	19	JUL
		- WV Dep
		* Environme
, <i>1</i>		JUN 2 5 91
~ <u>#</u>		
		USIN E S P
	ACCEPTED THIS ZE DAY	

API No.	4707900966	
Farm Name	J.L. McLean	
Well No.	McLean J L A-41	

#### 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 then 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	rk order. The undersigned has i l operator has complied with a	
Date:		
	By:	
	Its	
		RECEIVED Office Of Oil and Gas
		JUL 2 8 7023
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Environmental Protection

#### SURFACE OWNER WAIVER

Operator's Well Number

McLean J L A-41	
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#### 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 Office Of Oil and Gas 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;

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- 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...".

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 a permit being issued on those	-	e planned worl	k described in these materials, and I have no
FOR EXECUTION BY A NATURAL PE			FOR EXECUTION BY A CORPORATION,
ETC.			
	Date	Name _	
Signature		By	
		Its	Date

Signature

08/11/2023

11/10/2016

#### PLUGGING PERMIT CHECKLIST 4707900966

Pluggi	ng Permit			
		Office	RECEIVED Of Oil an	) Id Gas
	WW-4B	JUI	. 28	j
Щ	WW-4B signed by inspector	WV De Environm	epartment ental Pro	t ot
	WW-4A			1001101
П	SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGIS	STERED C	R CERIT	FIED
	COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APP	LICATION	I WAS SI	ENT
$\vdash$	BY REGISTERED OR CERTIFIED MAIL			
Щ	WW-9 PAGE 1 (NOTARIZED)			
Щ	WW-9 PAGE 2 with attached drawing of road, location, pit and proposed are	a for land	d applica	ation
Щ	WW-9 GPP PAGE 1 and 2 if well effluent will be land applied			
Щ	RECENT MYLAR PLAT OR WW-7			
Щ	WELL RECORDS/COMPLETION REPORT			
Щ	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			



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

## plugging permit issued 4707900966

1 message

**Kennedy, James P** <james.p.kennedy@wv.gov> Thu, Aug 10, 2023 at 11:10 AM To: Joseph D Taylor <joseph.d.taylor@wv.gov>, Chris Veazey <CVeazey@dgoc.com>, Austin Sutler <asutler@nextlvlenergy.com>, Phyllis Copley <pcopley@dgoc.com>, gwarner@wvassessor.com

To whom it may concern, a plugging permit has been issued for 4707900966.

James Kennedy

WVDEP OOG

