



1) Date: November 1, 19 83
 2) Operator's Well No. Cunningham #1043
 3) API Well No. 47 - 035 - 1931
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil X / Gas X /
 B (If "Gas", Production / Underground storage / Deep X / Shallow)
- 5) LOCATION: Elevation: 935.57 Watershed: Mill Creek
 District: Ripley County: Jackson Quadrangle:
- 6) WELL OPERATOR Devon Energy Corp. 7) DESIGNATED AGENT L. Fulmer
 Address PO Box 1433 Address P.O. Box 1433
Charleston, WV 25325 Charleston, WV 25325
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Jerry Tephabock Name To be determined
 Address Rt. 1, Box 101-A Address
Ripley, WV 25271
- 10) PROPOSED WELL WORK: Drill X / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Oriskany Sand Stone
- 12) Estimated depth of completed well, 5200 feet
 13) Approximate strata depths: Fresh, 250 feet; salt, 2250 feet.
 14) Approximate coal seam depths: None expected Is coal being mined in the area? Yes / No X

RECEIVED
 DEC 15 1983
 OIL & GAS DIVISION
 DEPT. OF MINES

15) 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	For drilling	Left in well		
Conductor	10 3/4	H-40	32.7	X		415' 300'	415' 300'	125 sax=To surface	Kinds NEAT
Fresh water									Sizes
Coal									Sizes
Intermediate	7	K-55	20.0	X		2300	2300	25 sax=625'	Depths set
Production	4 1/2	K-55	11.6	X		5200	5200	200 sax=2400'	Depths set
Tubing	2 3/8			X		5125	5125		Perforations: 25 shots
Liners									Top 5117 Bottom 5127

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-035-1931 Date February 8, 1984

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.
 Permit expires February 8, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing:	Fee:
	<u>lo</u>	<u>MH</u>	<u>MH</u>	<u>006 603</u>

[Signature]
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.



FORM IV-2(B) Reverse
Date: November 1, 1988
Operator: Will Groves
Well No: 47 - 035 - 1097
APL Well No: 47 - 035 - 1097
County: Putnam State: West Virginia

OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

4) WELL LOCATION: B (If Gas, Production) Elevation: 285.57
 5) LOCATION: District: Wirt County: Jackson
 6) WELL OPERATOR: Devco Energy Corp. Address: 90 Box 1433 Charleston, WV 25325
 7) DESIGNATED AGENT: T. W. Groves, Jr. Address: P.O. Box 1433 Charleston, WV 25325
 8) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: Jerry Teasdale Address: Rt. 1, Box 101-A Raleigh, WV 25277
 9) DRILLING CONTRACTOR: Name: To be determined Address: _____
 10) PROPOSED WELL WORK: Drill deeper Plug off old formation Perform new formation Other physical changes in well (specify): _____
 11) GEOLOGICAL TARGET FORMATION: Ordinary Sand Stone
 12) Estimated depth of completed well: 2200 feet
 13) Approximate target depth: 2200 feet
 14) Approximate coal seam depths: None expected
 15) CASING AND TUBING PROGRAM: Yes No

RECEIVED
DEC 1 2 1988
OIL & GAS DIVISION
DEPT. OF MINES

Casing or Tubing Type	Size	Grade	Weight		New	Used	Foot Drilling	Footage Interval	Cementing Job	Packings
			Per Ft.	Per Lin.						
Conductor	20 3/4" E-40	CS-7	X				412' - 300'	2300'	To surface	NEAT
Intermediate	17 K-55	20.0	X				2300'	2300'	2300' set = 2300'	
Production	14 K-55	11.6	X				2300'	2300'	2300' set = 2300'	

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

Date	Date(s)
Application received	Follow-up inspection(s)
Well work started	"
Completion of the drilling process	"
Well Record received	"
Reclamation completed	"

OTHER INSPECTIONS

Reason: _____
 Reason: _____

Hold	Agent	Plant	Casing	Other
------	-------	-------	--------	-------

09/08/2026

1) Date: December 14, 19 83
2) Operator's Well No. Cunningham #1042
3) API Well No. 47 35 xxxx
State County Permit 1931

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED
(i) Name Wanda Cunningham
Address Route 4, Box 29
Ripley, WV 25271
(ii) Name _____
Address _____
(iii) Name _____
Address _____

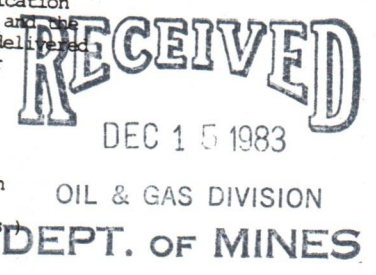
5(i) COAL OPERATOR _____
Address _____
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address _____
Name _____
Address _____
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan 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 Administrator.



6) EXTRACTION RIGHTS
Check and provide one of the following:
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics)

7) ROYALTY PROVISIONS
Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No
If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by Larry Fulmer this 14 day of December, 19 83. My commission expires March 27, 1990.
Sharon Allgaier
Notary Public, Kanawha County,
State of West Virginia

WELL OPERATOR Devon Energy Corporation
By Larry Fulmer
Its Agent/Engineer Larry Fulmer
Address Box 1433
Charleston, WV
Telephone 304-342-3171

09/08/2023

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, 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 § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book	Page
Hazel Hanning, et al	Devon Energy Corp.	1/8	180	612

09/08/2023



IV-9
(Rev 8-81)

DATE October 28, 1983

WELL NO. 1042

State of West Virginia
Department of Mines
Oil and Gas Division

API NO. 47-035-1931-

PP- Free.

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Devon Energy Corporation DESIGNATED AGENT Larry Fulmer
Address P. O. Box 1433, Charleston, WV 25325 Address P. O. Box 1433, Charleston, WV-2532
Telephone 304/342-3171 Telephone 304/342-3171
LANDOWNER Wanda Cunningham SOIL CONS. DISTRICT Western SCD
Revegetation to be carried out by Eugene Workman (Agent)

This plan has been reviewed by Western SCD. All corrections
and additions become a part of this plan: Nov. 1 1983
(Date)
Wayne W. Hughes
(SCD Agent)

ACCESS ROAD		LOCATION
Structure <u>Drainage Ditch</u>	(A)	Structure _____ (1)
Spacing <u>Along side road</u>		Material _____
Page Ref. Manual <u>2-12 & 2-14</u>		Page Ref. Manual _____
Structure <u>Cross Ditch</u>	(B)	Structure RECEIVED (2)
Spacing _____		Material _____
Page Ref. Manual _____		Page Ref. Manual <u>DEC 15 1983</u>
Structure _____	(C)	Structure DEPT. OF MINES (3)
Spacing _____		Material _____
Page Ref. Manual _____		Page Ref. Manual _____

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I		Treatment Area II	
Lime <u>3</u> Tons/acre	or correct to pH <u>6.5</u>	Lime <u>3</u> Tons/acre	or correct to pH <u>6.5</u>
Fertilizer <u>12-12-12</u> 800 lbs/acre	(10-20-20 or equivalent)	Fertilizer <u>12-12-12</u> 800 lbs/acre	(10-20-20 or equivalent)
Mulch <u>1.5 to 2</u> Tons/acre		Mulch <u>1.5 to 2</u> Tons/acre	
Seed* <u>Orchard Grass</u> 12 lbs/acre		Seed* <u>Orchard Grass</u> 12 lbs/acre	
<u>Red Clover</u> 12 lbs/acre		<u>Red Clover</u> 12 lbs/acre	
<u>Ky 31 Fescue</u> 20 lbs/acre		<u>Ky 31 Fescue</u> 20 lbs/acre	
<u>Ladoni Clover</u> 3 lbs/acre		<u>Ladoni Clover</u> 3 lbs/acre	


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


NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

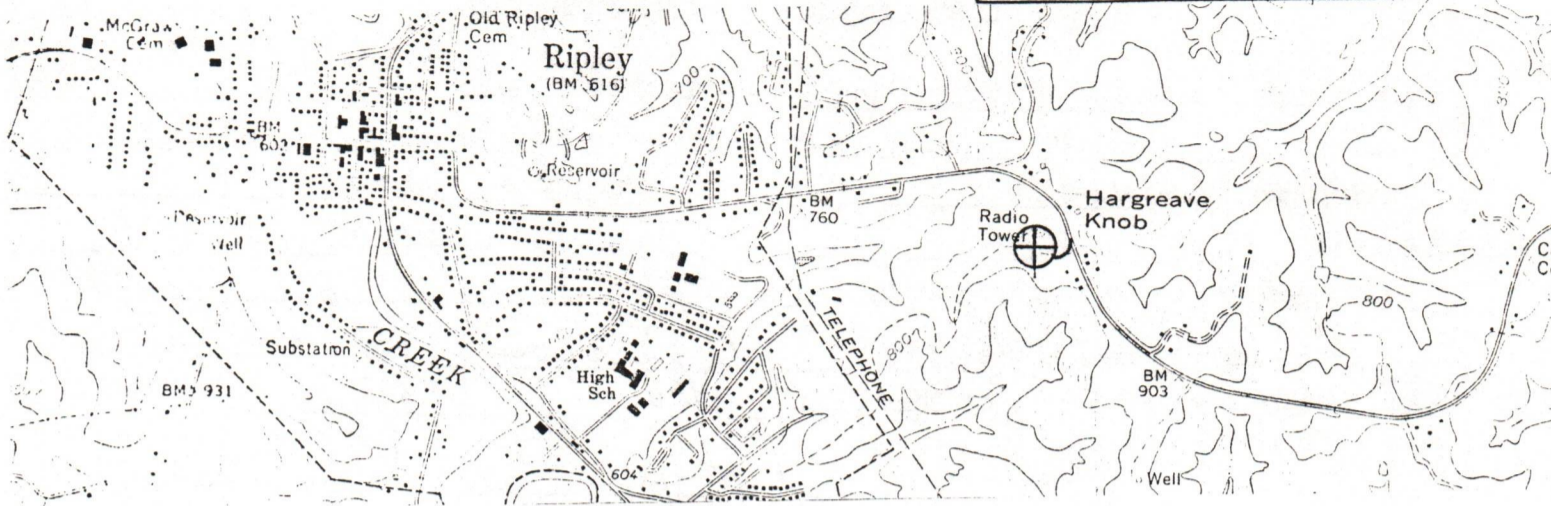
PLAN PREPARED BY James D. Sefton **09/08/2023**
ADDRESS P. O. Box 1433
Charleston, WV 25325
PHONE NO. 304/342-3171

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE Ripley 7.5'

LEGEND

Well Site 










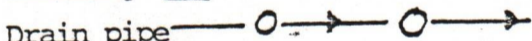


Access Road 

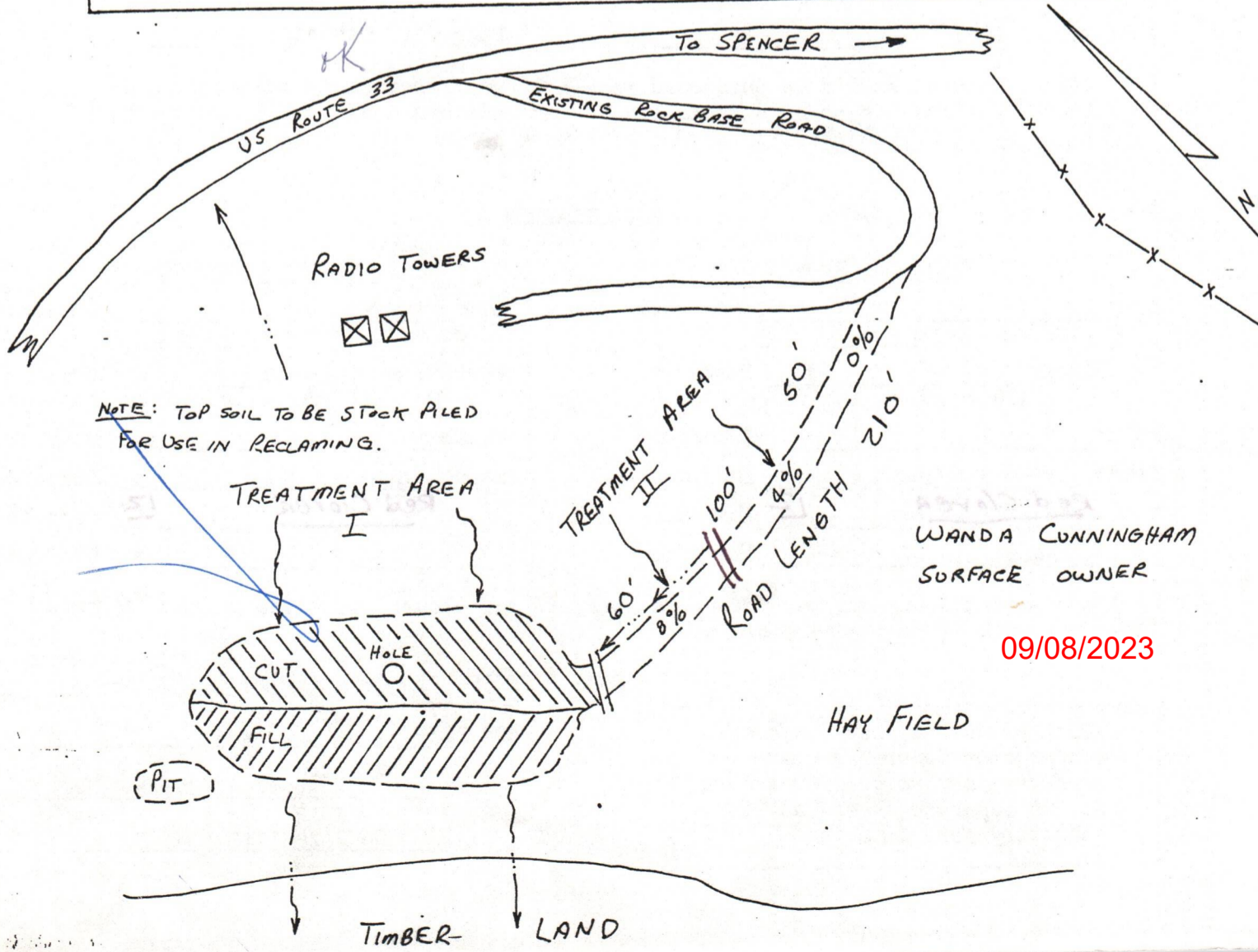


WELL SITE PLAN

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

LEGEND

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 





1) Date: April 23, 19 84
 2) Operator's Well No. Cunningham #1042
 3) API Well No. 47-035-1931-PP-FRAC
 State 47 County 035 Permit 1931-PP-FRAC

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas X /
 B (If "Gas", Production / Underground storage / Deep X / Shallow)
- 5) LOCATION: Elevation: 935.57 Watershed: Mill Creek
 District: District County: Jackson Quadrangle:
- 6) WELL OPERATOR Devon Energy Corporation 7) DESIGNATED AGENT Larry G. Fulmer
 Address P. O. Box 1433 Address P. O. Box 1433
Charleston, WV 25325 Charleston, WV 25325
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Jerry Tephabaek 372-6805 Name
 Address Route 1, Box 101-A Address
Ripley, WV 25271
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation X / Perforate new formation X /
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Plug Oriskany sand - perforate & stimulate Devonian Shale
 12) Estimated depth of completed well, feet
 13) Approximate strata depths: Fresh, 250 feet; salt, 2250 feet.
 14) Approximate coal seam depths: None expected Is coal being mined in the area? Yes / No X
- 15) 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	For drilling	Left in well		
Conductor								Neat	Kinds
Fresh water	10-3/4	H-40	32.7	X		415	415	to surface	
Coal									Sizes
Intermediate	7	K-55	20.0	2300		2300	2300	25 sax=625"	
Production	4-1/2	K-55	11.6	5200		5200	5200	200 sax=2400	Depths set
Tubing	2-3/8						4300	or as	
Liners								required by	Perforations: 24 shots
								Rule 15.2	Top 4230 Bottom 4370

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-035-1931-PP-FRAC

Date May 3, 19 84

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires May 3, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>Blanket</u>	Agent: <u>✓</u>	Plat: <u> </u>	Casing: <u> </u>	Fee: <u>7243</u>
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Michael Lewis
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

Reverse



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1) PROPOSED WELL WORK: Drill depth _____, Plug off old formation Porosity new formation (Other physical change in well (specify) _____)

2) GEOLOGICAL TARGET FORMATION: _____

3) APPROXIMATE TEST DEPTH (feet): _____

4) ESTIMATED DEPTH OF COMPLETED WELL (feet): _____

5) WELL OPERATOR: _____

6) DRILLING CONTRACTOR: _____

7) DESIGNATED AGENT: _____

8) LOCATION: _____

9) WELL IDENTIFICATION: _____

10) WELL DEPTH: _____

11) WELL TYPE: _____

12) WELL STATUS: _____

13) WELL CLASSIFICATION: _____

14) WELL CLOSURE DATE: _____

15) WELL CLOSURE REASON: _____

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: _____

Reason: _____

Reason	Inspected	Approved	Remarks
Blanket	✓	✓	

09/08/2020



1) Date: _____, 19 April 23 84
 2) Operator's Well No. _____
 3) API Well No. 47Cunningham #1042
 State WV County Putnam Permit 1951

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil _____ / Gas _____ /
 B (If "Gas", Production / Underground storage _____ / Deep / Shallow _____ /)
- 5) LOCATION: Elevation: 925.57 / Watershed: Mill Creek
 District: _____ / County: _____ / Quadrangle: _____
- 6) WELL OPERATOR: Devon Energy Corporation
 Address: P. O. Box 1433
Charleston, WV 25325
- 7) DESIGNATED AGENT: Larry G. Fulmer
 Address: P. O. Box 1433
Charleston, WV 25325
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED: Jerry Tephaback
 Name: 372-6805
 Address: Route 1, Box 101-A
Ripley, WV 25271
- 9) DRILLING CONTRACTOR: _____
 Name: _____
 Address: _____
- 10) PROPOSED WELL WORK: Drill _____ / Drill deeper _____ / Redrill _____ / Stimulate _____ /
 Plug off old formation / Perforate new formation _____ /
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Plug Oriskany sand - perforate & stimulate Devonian Shale
- 12) Estimated depth of completed well, _____ feet
- 13) Approximate trata depths: Fresh, _____ feet; salt, _____ feet.
- 14) Approximate coal seam depths: 250 Is coal being mined in the area? Yes _____ / No
- 15) CASING AND TUBING PROGRAM None expected

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water								<u>Neat to surface</u>	Sizes
Coal	<u>10-3/4</u>	<u>H-40</u>	<u>32.7</u>	<input checked="" type="checkbox"/>		<u>415</u>	<u>415</u>		
Intermediate	<u>7</u>	<u>K-55</u>	<u>20.0</u>	<u>2300</u>		<u>2300</u>	<u>2300</u>	<u>25 sax=625"</u>	Depths set
Production	<u>4-1/2</u>	<u>K-55</u>	<u>11.6</u>	<u>5200</u>		<u>5200</u>	<u>5200</u>	<u>200 sax=2400</u>	
Tubing	<u>2-3/8</u>						<u>4300</u>	<u>or as required by Rule 15.2</u>	Perforations: Top <u>24</u> Bottoms <u>Bottoms</u>
Liners									<u>4230</u> <u>4370</u>

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The 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 §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

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 the filing of the Application.

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: Blanket _____, 19 1984
 By: Michael Lewis
 Its: _____

09/08/2023 Coal Owner



1) Date: April 23, 1984
 2) Operator's Well No. Cunningham #1042
 3) API Well No. 47 - 035- 1931
 State County Permit

**STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil _____ / Gas X /
 B (If "Gas", Production _____ / Underground storage _____ / Deep X / Shallow _____ /)
- 5) LOCATION: Elevation: 985.57 Watershed: Mill Creek
 District: District County: Jackson Quadrangle: _____
- 6) WELL OPERATOR Devon Energy Corporation 7) DESIGNATED AGENT Larry G. Fulmer
 Address P. O. Box 1433 Address P. O. Box 1433
Charleston, WV 25325 Charleston, WV 25325
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Jerry Tephack 372-6805 Name _____
 Address Route 1, Box 101-A Address _____
Ripley, WV 25271
- 10) PROPOSED WELL WORK: Drill _____ / Drill deeper _____ / Redrill _____ / Stimulate _____ /
 Plug off old formation X / Perforate new formation X /
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Plug Oriskany sand - perforate & stimulate Devonian Shale
- 12) Estimated depth of completed well, _____ feet
 13) Approximate trata depths: Fresh, 250 feet; salt, 2250 feet.
 14) Approximate coal seam depths: None expected Is coal being mined in the area? Yes _____ / No X /
- 15) 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	For drilling	Left in well		
Conductor								<u>Neat</u>	Kinds
Fresh water	<u>10-3/4</u>	<u>H-40</u>	<u>32.7</u>	<u>X</u>		<u>415</u>	<u>415</u>	<u>to surface</u>	
Coal									Sizes
Intermediate	<u>7</u>	<u>K-55</u>	<u>20.0</u>	<u>2300</u>		<u>2300</u>	<u>2300</u>	<u>25 sax=625"</u>	
Production	<u>4-1/2</u>	<u>K-55</u>	<u>11.6</u>	<u>5200</u>		<u>5200</u>	<u>5200</u>	<u>200 sax=2400</u>	Depths set
Tubing	<u>2-3/8</u>						<u>4300</u>	<u>or as</u>	
Liners								<u>required by</u>	Perforations: <u>24 shots</u>
								<u>rule 15.2</u>	Top <u>4230</u> Bottom <u>4370</u>

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

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 based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: _____

_____ Date: _____

By Blanner _____
 Its _____ Date _____

(Signature) _____
 (Signature) _____ Date: _____

**INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON OIL AND GAS WELL WORK PERMIT**

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, 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, Article 4 of the W. Va. Code. 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 named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, West Virginia 25311
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of 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.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

1) Date: April 23, 1984
2) Operator's
Well No. Cunningham #1042
3) API Well No. 47 -035-1931-PA-Frac
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Wanda Cunningham
Address Route 4, Box 29
Ripley, WV 25271
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:

Name _____
Address _____
Name _____
Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:

Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan 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 Administrator.

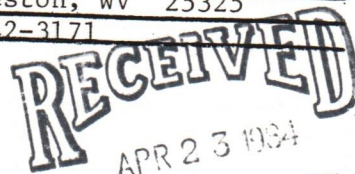
The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

Sherris McClanahan
this 23 day of April, 1984.
My commission expires 1/24/1994.

WELL OPERATOR Devon Energy Corporation

By Larry J. Brown
Its Agent/Engineer
Address P. O. Box 1433
Charleston, WV 25325
Telephone 304-342-3171

Notary Public, Kanawha County,
State of West Virginia



OIL & GAS DIVISION
DEPT. OF MINE

6) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
- The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

035-1517 035-1114
035-1098 035-1104
035-1088 035-1124

Brett Loflin
Petroleum Engineer

09/08/2023

09/08/2023

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

RECEIVED
FEB 21 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 035 1931

Oil or Gas Well _____
(KIND)

Company Devon

Address _____

Farm _____

Well No. _____

District _____ County Sackson

Drilling commenced _____

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Junior and Hunt Rig #4

Remarks: RAW 55 98 7" csg To 2315 Set 2325 Kb Cement 125 sk 50/50 poz
2-1484 10% salt 1/4# Flocculapusk. Plug Down 11:15 AM 21484 W.O.L.
12:30 pm

2-1484
DATE

Jimmy M. Tophal 09/08/2023

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

RECEIVED
FEB 27 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 035 1931

Oil or Gas Well _____
(KIND)

Company <u>Devon</u> Address _____ Farm <u>Cunningham</u> Well No. <u>1042</u> District _____ County <u>Jackson</u> Drilling commenced _____ Drilling completed _____ Total depth _____ Date shot _____ Depth of shot _____ Initial open flow _____ /10ths Water in _____ Inch Open flow after tubing _____ /10ths Merc. in _____ Inch Volume _____ Cu. Ft. Rock pressure _____ lbs. _____ hrs. Oil _____ bbls., 1st 24 hrs. Fresh water _____ feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer _____
	<u>16</u>			Size of _____
	<u>13</u>			Depth set _____
	<u>10</u>			Perf. top _____
	<u>8 1/4</u>			Perf. bottom _____
	<u>6 5/8</u>			Perf. top _____
	<u>5 3/16</u>			Perf. bottom _____
	<u>3</u>			
	<u>2</u>			
	Liners Used _____			

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
NAME OF SERVICE COMPANY _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks:
2 22 84 Rig stacked ready to move. Pit holding and OK.

2 22 84
DATE

Jeffrey T. Tolson
09/08/2023
DISTRICT WELL INSPECTOR

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

RECEIVED

JUN 6 - 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 035 1931

Oil or Gas Well _____
(KIND)

Company <u>Kaiser Exploration</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Wolffe</u>	16			Kind of Packer _____
Well No. <u>Kem 491</u>	13			
District _____ County <u>Jackson</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Rig 4 Hurt

Remarks: _____

Ran 7'' csg 2034' set 2044 KB cement NOSCOE 150 sks 50/50 poz 10% salt and 1/4 lb per sk fflocele topped off with 100 sks neat 3% cacl plug down 5:30 AM

5 29 84

DATE

Jerry M. Taylor 09/08/2023

INSPECTOR

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

RECEIVED
JUN 6 - 1984
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 035 1931

Oil or Gas Well _____
(KIND)

Company <u>Kaiser Exploration</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Wolfe</u>	16			Kind of Packer _____
Well No. <u>Kem 491</u>	13			
District _____ County <u>Jackson</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed <u>5 29 84</u> Total depth <u>4141</u>	6 3/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Hurt Rig #4

Remarks:

TD \$4141
Ran 4104 4 1/2 ssg set 4114 Cement 200 sacs 50/50 poz 10% salt 12 1/2 lbs per sac gibsonite per sac.

to move to Kem 501 035 1948

DATE
5 30 84

Justin Tephahol
INSPECTOR

LOCATION: ELEVATION 335.57 WATER SHED MILL CREEK
DISTRICT RIPLEY COUNTY JACKSON
QUADRANGLE RIPLEY 7.5

SURFACE OWNER WANDA CUNNINGHAM ACREAGE 116
OIL & GAS ROYALTY OWNER WARREN CUNNINGHAM, ETAL LEASE ACREAGE 116 **09/08/2023**
LEASE NO. 2224

PROPOSED WORK: DRILL 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 ORISKANY ESTIMATED DEPTH 5155
WELL OPERATOR DEVON ENERGY CORP. DESIGNATED AGENT L. FULMER
ADDRESS P.O. BOX 1433 ADDRESS P.O. BOX 1433
CHARLESTON WVA 25325 CHARLESTON W.VA. 25325

1931

1) Date: April 23, 1984
2) Operator's Well No. Cunningham #1042
3) API Well No. 47 -035-1931-PA-Frac
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Wanda Cunningham
Address Route 4, Box 29
Ripley, WV 25271
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR
Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

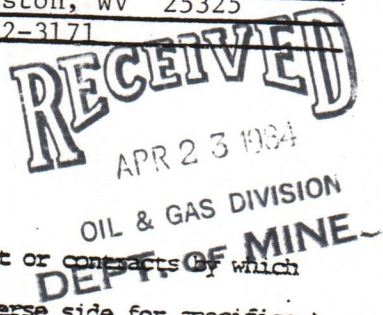
Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan 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 Administrator.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

WELL OPERATOR Devon Energy Corporation
By Larry F. Brown
Its Agent/Engineer
Address P. O. Box 1433
Charleston, WV 25325
Telephone 304-342-3171

Sherrill McClanahan
this 23 day of April, 1984
My commission expires 1/24/1994.

Notary Public, Randolph County,
State of West Virginia



6) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts of which I hold the right to extract oil or gas.
- The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.



STATE OF WEST VIRGINIA
 OIL AND GAS CONSERVATION COMMISSION
 CHARLESTON 25305

February 8, 1984

Theodore M. Streit, Administrator
 Department of Mines
 Office of Oil and Gas

RE: APPLICATION FOR PERMIT #47- 035 - 1931 TO DRILL DEEP WELL

COMPANY: DEVON ENERGY CORPORATION

FARM: WANDA CUNNINGHAM

COUNTY: JACKSON DISTRICT: RIPLEY

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

Applicant HAS HAS - HAS NOT complied with the provisions of Chapter twenty-two, four-A (§22-4A), 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 form 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 514 feet from the nearest unit boundary and showing the following wells drilling to or capable of producing from the objective formation within 3,000 feet of the proposed location: See ***

**

035-0740	035-1041
035-0031-P	035-1124
035-1517	035-1114
035-1098	035-1104
035-1088	035-1124

Very truly yours,

Brett Loflin
 Petroleum Engineer

LBL/rf

09/08/2023

PROCEDURE TO PLUG ORISKANY AND
PERFORATE BROWN SHALE IN CUNNINGHAM #1042

- 1) Swab formation fluid to 4500' KB
- 2) Rig up N. L. McCullough and plug Oriskany formation by setting 4" permanent bridge plug at 4500' KB and setting 20' Cal Seal on plug with dump bailer
- 3) Dump 10 bbls KCL water in well filling to 3880' KB
- 4) Perforate 24 shots with McCullough select fire from 4230' to 4370' KB in Brown Shale
- 5) Fracture Brown Shale with 300 bbl foam fracture treatment
- 6) Swab dry and rig down service rig
- 7) Reclaim location according to approved plan

RECEIVED
APR 23 1984
OIL & GAS DIVISION
DEPT. OF MINES

Down 8:30 pm 21084.
21184 Drilling at 8699 feet 7:10 pm, with 09/08/2023

21184

DATE

Jung T. Teshaleh



RECEIVED

MAY 10 1984

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia

Department of Mines
Oil and Gas Division

Date 5/3/84
Operator's
Well No. 1042
Farm Cunningham
API No. 47-035-1931

IV-35
(Rev 8-81)

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 / Underground Storage / Deep / Shallow X /)

LOCATION: Elevation: 935.57' Watershed Mill Creek
District: Ripley County Jackson Quadrangle Ripley

COMPANY Devon Energy Corporation
ADDRESS P. O. Box 1433, Charleston, WV 25325
DESIGNATED AGENT Larry Fulmer
ADDRESS P. O. Box 1433, Charleston, WV 25325
SURFACE OWNER Wanda Cunningham
ADDRESS Rt. 4, Box 29, Ripley, WV 25271
MINERAL RIGHTS OWNER Wanda Cunningham
ADDRESS Rt. 4, Box 29, Ripley, WV 25271
OIL AND GAS INSPECTOR FOR THIS WORK

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	415	415	to surface
9 5/8			
8 5/8			
7	2322	2322	30 Ft ³
5 1/2			
4 1/2	5220	5220	180 Ft ³
3			
2		4300	
Liners used			

J. Tephabock ADDRESS Rt. 1, Box 101-A, Ripley, WV 25271
PERMIT ISSUED February 8, 1984
DRILLING COMMENCED February 10, 1984
DRILLING COMPLETED February 17, 1984

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON April 23, 1984

GEOLOGICAL TARGET FORMATION Oriskany Sand Depth 5200' feet
Depth of completed well 4483' Rotary X / Cable Tools
Water strata depth: Fresh 320' feet; Salt 2320' feet
Coal seam depths: NONE Is coal being mined in the area?

OPEN FLOW DATA

Producing formation Devonian Brown Shale Pay zone depth 4150-4930' feet
Gas: Initial open flow 200 Mcf/d Oil: Initial open flow Bbl/d
Final open flow 190 Mcf/d Oil: Final open flow Bbl/d

Time of open flow between initial and final tests 4 hours
Static rock pressure 810 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)

Second producing formation Pay zone depth 09/08/2023 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

(Continue on reverse side)

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

Perforated Oriskany
with 10 shots 5148-5159
Fractured with 700 bbls
Versegel and plug back
Oriskany Sand to 4500'
with 4" speedy line plug
and 20' cal-seal.

Perforate Brown Shale with
24 shots 4230-4380
Fracture with 45000 lbs. 20/40
15000 lbs. 10/20 sand
75 quality foam fracture treatment
1200 equivalent bbls sand laden fluid.

5/10/84

5/29/84

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Surface			0	35	
Slate			35	110	
Sand			110	190	
Slate			190	305	
Sand			305	425	
Sand			425	480	
Slate			480	510	
Sand			510	905	
Slate			905	950	
Sand			950	970	
Slate			970	1015	
Sand			1015	1040	
Slate			1040	1370	
Lime			1370	1400	
Slate			1400	1490	
Sand			1490	1530	
Slate			1530	1860	
Salt Sand			1860	1960	
Slate			1960	1975	
Salt Sand			1975	2060	
Big Lime			2060	2115	
Slate			2115	2155	
Big Injun			2155	2250	
Slate-Shale			2250	2598	
Berea Sand			2598	2607	
Shale			2607	3830	
Brown Shale			3830	4380	Show gas 4235, 4300
Marcellous Shale			4380	5042	
Corniferous Lime			5042	5148	
Oriskany Sand			5148	5166	gas 5150
Lime			5166	5200	
Sand			5200	5228	

(Attach separate sheets as necessary)

Devon Energy Corporation
Well Operator

By: Kang Fuhrer

09/08/2023

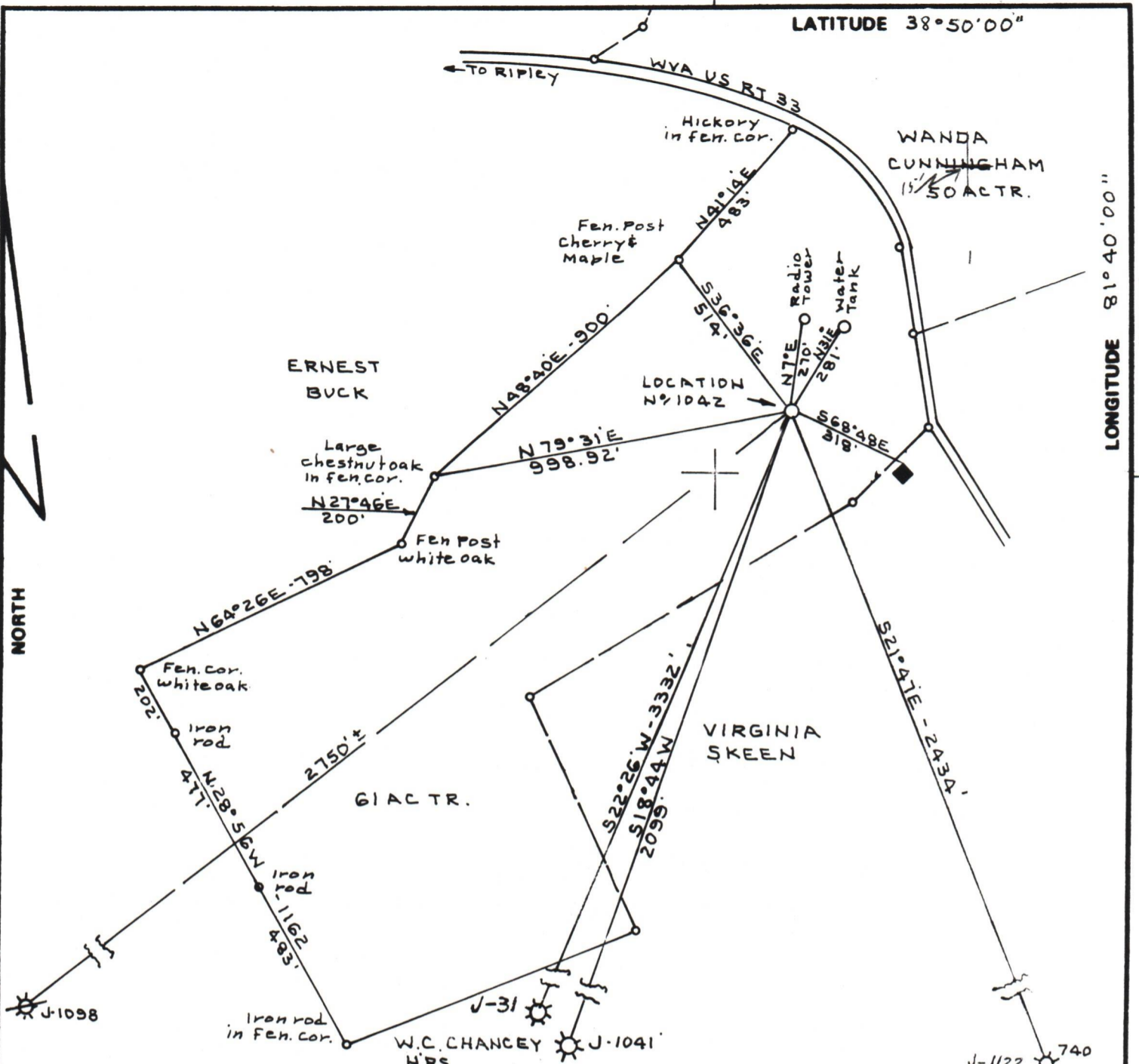
Date: 5/10/84

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

5750'

LATITUDE 38°50'00"

LONGITUDE 81°40'00"



FILE NO. 8k 79 P 92
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1-200'
 PROVEN SOURCE OF ELEVATION USGS BM 1800' SE of Loc E1 903'

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 Solley Jr.
 R.P.E. _____ L.L.S. 92

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE OCT 19, 1983
 OPERATOR'S WELL NO. 1042
 API WELL NO. _____
47-035-1931-PF-Frac
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP X SHALLOW ___
 LOCATION: ELEVATION 935.57' WATER SHED MILL CREEK
 DISTRICT RIPLEY COUNTY JACKSON
 QUADRANGLE RIPLEY 7.5'
 SURFACE OWNER WANDA CUNNINGHAM ACREAGE 116
 OIL & GAS ROYALTY OWNER WARREN CUNNINGHAM, ETAL LEASE ACREAGE 116
 LEASE NO. 2224
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION X PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

09/08/2023

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ORISKANY ESTIMATED DEPTH 5155
 WELL OPERATOR DEVON ENERGY CORP. DESIGNATED AGENT L. FULMER
 ADDRESS P.O. BOX 1433 CHARLESTON WVA 25325 ADDRESS P.O. BOX 1433 CHARLESTON W.VA. 25325

JAC 1931

RECEIVED
MAY 2 - 1984

OIL & GAS DIVISION
DEPT. OF MINES

Date: 4 27 84
Operator's
Well Number Cunningham # 1
API Well No.: 47 - 035 1931
State County Permit

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

NOTICE OF ABATEMENT

WELL TYPE: Oil / Gas Liquid Injection _____ / Waste disposal _____ /
Underground
If "Gas" - Production / Storage _____ / Deep _____ / Shallow _____
LOCATION: Elevation: _____ Watershed: _____
District: Ripley County: Jackson Quadrangle: _____
WELL OPERATOR Devon Energy DESIGNATED AGENT Larry Fulmer
Address Box 1433 Address Box 1433
Chas WV 25325 Chas WV 25325

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on 4 27 84, 1984, at 17.02 hours.
The violation of Code § 22 4 9 heretofore found to exist on April 12, 1984, by Form IV-27, "Notice of Violation" / Form IV-28, "Imminent Danger Order" _____ of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS

Violation Abated

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

Jerry E. Teshoboh
Oil and Gas Inspector
Address Rt. 1, Box 101-A
Ripley WV 25271
Telephone 304 372 6805

RECEIVED
MAY 2 - 1084
OIL & GAS DIVISION
DEPT. OF MINES

Date: 4-27-84
Operator's Name: Guantanamo #1
Well Number: AV - 055 1551
ART Well No.: AV - 055 1551
State: VA County: Stafford Permit: 1000

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

NOTICE OF ABATEMENT

WELL TYPE: Oil & Gas Liquid Injection Waste disposal
LOCATION: Production Storage Deep Shallow
Elevation: _____
District: Ripley County: Stafford
WELL OPERATOR: Deaton Energy Address: Box 1553
DESIGNATED AGENT: Barry Hunter Address: Box 1553

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on 4-27-84 at 11:00 AM. The violation of Code § 20-2-2 was found to exist on 4-27-84 by Form IV-27, Notice of Violation, Form IV-28, "Imminent Danger Order", of that date has been fully abated. If the stated violation was found by an Imminent Danger Order requiring operations to cease, such equipment is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS

Violation Abated

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

Oil and Gas Inspector: [Signature]
Address: Box 101-8
Ripley VA 25271
Telephone: 304 325 8005

IV-27
9-83



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Date: 4 12 84
Well No: Cunningham
API NO: 47 - 035 1931
State County Permit

Oil and Gas Division
NOTICE OF VIOLATION

RECEIVED

APR 16 1984

OIL & GAS DIVISION

DEPT. OF MINES

WELL TYPE: Oil x / Gas x / Liquid Injection / Waste Disposal
Of "Gas" - Production x / Storage / Deep / Shallow
LOCATION: Elevation: Watershed:
District: Ripley County: Jackson Quadrangle:
WELL OPERATOR Devon Energy DESIGNATED AGENT Larry Fulmer
Address PO Box 1433 Address PO Box 1433
Chas WV 25325 Chas WV 25325

The above well is being posted this 12 day of April, 1984, for a violation of Code 22-4-12 and/or Regulation , set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Supervision by the Dept. of Mines. The Dept. shall exercise supervision over the drilling, Plugging, Etc., over all wells. No notification was given to the supervising inspector. If any additional work is done under any permit the inspector is to be given 24 hrs notice.

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until April 19, 1984, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Jerry M. Tepheloch
Oil and Gas Inspector

Address Rt. 1, Box 101-A
Ripley, WV 25271
304 372 6805

Telephone: 09/08/2023



RECEIVED
AUG 31 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
P.O. Box 1433
Charleston, W Va. 25325

PERMIT NO 035 1931
FARM & WELL NO _____
DIST. & COUNTY Ripley 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 Strenght	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	X	_____
25.01	Necessary Equipment to Prevent Waste	X	_____
23.04	Reclaimed Drilling Pits	X	_____
23.05	No Surface or Underground Pollution	X	_____
23.07	Requirements for Production & Gathering Pipelines	X	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	X	_____

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

SIGNED Jerry R. Tepehob
DATE 8 28 84

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

September 12, 1984

DATE

IV-27
9-83



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Date: 4 12 84
Well No: Cunningham
API NO: 47 - 035 1931
State County Permit

Oil and Gas Division
NOTICE OF VIOLATION

RECEIVED
APR 16 1984
OIL & GAS DIVISION
DEPT. OF MINES

WELL TYPE: Oil x / Gas x / Liquid Injection / Waste Disposal /
Of "Gas" - Production x / Storage / Deep / Shallow

LOCATION: Elevation: Watershed:
District: Ripley County: Jackson Quadrangle:

WELL OPERATOR Devon Energy DESIGNATED AGENT Larry Fulmer
Address PO Box 1433 Address PO Box 1433
Chas WV 25325 Chas WV 25325

The above well is being posted this 12 day of April, 1984, for a violation of Code 22-4-9 and/or Regulation 17.02, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Work order: Manner and Method of plugging. Form IV-4 On the reverse side the applicant for a permit to plug a well shall set forth a detailed statement fo the manner in which the work of plugging such well is to be done. Form IV-4 must be filled.

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until 4 19, 1984, to abate this violation. Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Jerry Tephloch
Oil and Gas Inspector
Address Rt. 1, Box 101-A
Ripley WV 25271

Telephone: 304 372 6091 08/2023

IV 27
9-83



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Date: A 12 84
Well No: COUNTESS
AFL NO: 052 1271
State County Permit

Oil and Gas Division NOTICE OF VIOLATION

RECEIVED
APR 1 0 1984
OIL & GAS DIVISION
DEPT. OF MINES

WELL TYPE: Oil & Gas
 LOCATION: Elevation
 DISTRICT: Raleigh
 WELL OPERATOR: Devon Energy
 ADDRESS: PO Box 1435
 CHARLOTTE, NC 28202

The above well is reported to be in violation of Code 22-4-9 and/or regulation 17.05 as follows:
 (USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Work order: Manner and method of plugging. Form IV-4 On the reverse side
 the applicant for a permit to plug a well shall set forth a detailed
 statement to the manner in which the work of plugging shall be done.
 Form IV-4 must be filled.

A copy of this notice has been posted at the well site and sent by certified or
 registered mail to the indicated well operator at his designated agent.
 You are hereby ordered until _____, 1984, to abate this violation.
 Failure to abate this violation may result in action by the Department under
 Code 22-4-17 of Code 22-4-18.

[Signature]
 Oil and Gas Inspector

Address: Rt. 1, Box 101-1
 Raleigh, NC 27601

Telephone: 375 0807

09/08/2023

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

RECEIVED
JUN 6 - 1984
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 035 1931

Oil or Gas Well _____
(KIND)

Company <u>Kaiser Exploration</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Wolfe</u>	16			Kind of Packer _____
Well No. <u>Kem 491</u>	13			
District _____ County <u>Jackson</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed <u>5 29 84</u> Total depth <u>4141</u>	6 3/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Hurt Rig #4

Remarks: _____

TD \$4141
Ran 4104 4 1/2 ssg set 4114 Cement 200 sacs 50/50 poz 10% salt 12 1/2 lbs per s gibsonite per sac.

to move to Kem 501 035 1948

DATE
5 30 84

Janice Teph...
09/08/2023

PROCEDURE TO PLUG ORISKANY AND
PERFORATE BROWN SHALE IN CUNNINGHAM #1042

- 1) Swab formation fluid to 4500' KB
- 2) Rig up N. L. McCullough and plug Oriskany formation by setting 4" permanent bridge plug at 4500' KB and setting 20' Cal Seal on plug with dump bailer
- 3) Dump 10 bbls KCL water in well filling to 3880' KB
- 4) Perforate 24 shots with McCullough select fire from 4230' to 4370' KB in Brown Shale
- 5) Fracture Brown Shale with 300 bbl foam fracture treatment
- 6) Swab dry and rig down service rig
- 7) Reclaim location according to approved plan

RECEIVED
APR 23 1984
OIL & GAS DIVISION
DEPT. OF MINES

09/08/2023

RECEIVED
APR 2 1923
OIL & GAS DIVISION
DEPT. OF MINES

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

RECEIVED
FEB 14 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 035 1931

Oil or Gas Well _____
(KIND)

Company <u>Devon</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			Kind of Packer _____
Farm _____	16			
Well No. _____	13			Size of _____
District _____ County <u>Jackson</u>	10			
Drilling commenced _____	8 1/4			Depth set _____
Drilling completed _____ Total depth _____	6 5/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: 21084 RAN LOGS 10 3/4" CSG in 13 1/4" Hole Set 429' out 439'-6'
Cement JOBS 20054CS 2097 32ccal 1/4lb Floerls per sk plug
Down 8:30pm 21084.
21184 Drilling at 869.9 feet 7:10pm, with 9 3/8" B.T.

21184
DATE

Jung 09/08/2023

