

"PLEASE SUBMIT ORIGINAL AND 24 Copies of IV-2 and ORIGINAL AND (3) Copies of IV-9 REC. PLAN)

RECEIVED 20

SEP - 8 1982

FORM IV-2 (Obverse) (12-81)

OIL AND GAS DIVISION WV DEPARTMENT OF MINES



Date: September 1, 19 82

Operator's Well No. #233133-3

API Well No. 47 085 5879 State County Permit

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

WELL TYPE: Oil xx / Gas / (If "Gas", Production / Underground storage / Deep / Shallow /)

LOCATION: Elevation: 1000' Watershed: Run into Bear Run District: Grant County: Ritchie Quadrangle: Schultz 7 1/2'

WELL OPERATOR PETROLEUM DEVELOPMENT CORPORATION DESIGNATED AGENT John R. Mitchell Address PO Box 26, 103 East Main Street Bridgeport, WV 26330

OIL & GAS ROYALTY OWNER Griffin Producing Company Address 320 South Boston, Suite #1504 Tulsa, Okl. 74103 Acreage 1800

COAL OPERATOR Address

SURFACE OWNER Clyde Ross Address Rt. 1 Cairo, WV 26337 Acreage 26 1/2

COAL OWNER(S) WITH DECLARATION ON RECORD:

Name Address Name Address

FIELD SALE (IF MADE) TO: Address

COAL LESSEE WITH DECLARATION ON RECORD:

OIL & GAS INSPECTOR TO BE NOTIFIED Name Samuel N. Hersman Address PO Box 66 Smithville, WV 26178

Name Address

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease other contract x / dated April 29, 1982, to the undersigned well operator from Magnum Oil Corporation

(IF said deed, lease, or other contract has been recorded:)

Recorded on May 10, 1982, in the office of the Clerk of the County Commission of Ritchie County, West Va., in Book 143 at page 705. A permit is requested as follows:

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

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

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

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

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SEP 08 1982

OIL & GAS DIVISION DEPT. OF MINES

BLANKET BOND

04/12/2024 PETROLEUM DEVELOPMENT CORPORATION

By John R. Mitchell Area Manager of Operations

Attach separate sheets as
necessary for comments.

PHONE NO. (304) 842-6256

04/12/2024

State of West Virginia
WELL NO. 233133-3
API NO. 47-085-5879
DATE Aug-10-82



CO GAS DIVISION
DEPARTMENT OF MINES

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SEP - 8 1982

IV-9
(Rev 8-81)



**Petroleum
Development
Corporation**

103 East Main Street
P. O. Box 26
Bridgeport, West Virginia 26330

Phone: 304-842-3597

State of West Virginia
Department of Miens
Oil and Gas Division
1615 Washington Street East
Charleston, West Virginia 25311

Attention: Mr. Ted Streit

RE: House Bill #1254
Griffin Producing Co. #233133-3

Dear Mr. Streit:

With regards to the payment to be made to the royalty owner on this property, please be advised that the lease does not provide for a flat well royalty or any similar provision for compensation. The royalty on this lease is based on volume of oil or gas to be extracted, produced or marketed.

Very truly yours,

PETROLEUM DEVELOPMENT CORPORATION

John R. Mitchell
John R. Mitchell
Area Manager of Operations

JRM/mjg

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SEP 10 1982
OIL & GAS DIVISION
DEPT. OF MINES

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

		perforations	CO ₂	N ₂	acid
1st stage	N ₂ and CO ₂	30(4346-4970)	7 tons	6000,000scf	8 bbls
2nd stage	N ₂ and CO ₂	30(3554-4207)	11.5 tons	510,000scf	9 bbls
3rd stage	N ₂ and CO ₂	39(2485-3444)	9 tons	485,000scf	9 bbls

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
KB-GL			0	10	
sand, shale, Red Rock			10	1824	damp @ 50'
Big Lime			1824	1889	
Big Injun			1889	1988	
Squaw			1988	2009	1" stream H ₂) @ 1800'
sand, shale			2009	2135	
Weir			2135	2207	
sand, shale			2207	2347	
Sunbury shale			2347	2362	
Berea			2362	2380	
sand, shale			2380	2464	
Gantz			2464	2527	
sand, shale			2527	2738	
Gordon			2738	2786	
sand, shale			2786	3343	
Huron			3343	4504	
Java			4504	4882	
Angola			4882	5080 TD	

(Attach separate sheets as necessary)

Petroleum Development Corporation
Well Operator

By: John Mitchell
Date: January 17, 1983

04/12/2024

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."



IV-35
(Rev 8-81)

Date 1/12/83
Operator's
Well No. 233133-3 (D-1)
Farm Griffin Producing
API No. 47 -085 - 5879

RECEIVED
State of West Virginia
Department of Mines
Oil and Gas Division

JAN 18 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES
WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil x / Gas / Liquid Injection / Waste Disposal /
(If "Gas," Production / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 1000 Watershed Run into Bear Run
District: Grant County Ritchie Quadrangle Schultz 7 1/2

COMPANY Petroleum Development Corporation
ADDRESS P.O. Box 26, Bridgeport, Wv 26330
DESIGNATED AGENT Petroleum Development Corp.
ADDRESS P.O. Box 26, Bridgeport, WV 26330
SURFACE OWNER Clyde Ross
ADDRESS Rt. 1, Cairo, WV 26337
MINERAL RIGHTS OWNER Griffin Producing Company
ADDRESS 320 S. Boston, Suite #1504, Tulsa, OK 74102

OIL AND GAS INSPECTOR FOR THIS WORK am Hersman ADDRESS P.O. Box 66, Smithville, WV 26178

PERMIT ISSUED 9/08/82
DRILLING COMMENCED 9/11/82
DRILLING COMPLETED 11/17/82

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

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	30	30	cement to surface
9 5/8			
8 5/8			
7 5/8	1141	1141	390 sks
5 1/2			
4 1/2	5015	5015	380 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Marcellus Shale Depth 5900 feet
Depth of completed well 5080 feet Rotary X / Cable Tools
Water strata depth: Fresh feet; Salt 1800 feet
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 2485-4970 feet
Gas: Initial open flow 165 Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Final open flow Bbl/d
Time of open flow between initial and final tests 24 hours

Static rock pressure 500 psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)

Second producing formation Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours

Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

KIT 5074

04/12/2024

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

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NOV 17 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5879

Oil or Gas Well _____
(KIND)

Company Petroleum Development Corp.

Address _____

Farm Clyde Ross

Well No. 233133-3

District Grant County Ritchie

Drilling commenced 11-9-82

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 50' 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 5/8			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 Kirby Eskew - Mason Freeman - Robert Hester

Remarks: Union Drilling Rig #6 Tool Pusher Bill Heater

Ran 1141' foot of 7" casing
Halliburton ran 390 sacks total of cement
240 sacks 50-50 pro mix
150 sacks Reg with 3% cc
Plug Down at 11:25 A.M.

11-11-82
DATE

Samuel N. [Signature] 04/12/2024
DISTRICT WELL INSPECTOR

Form 26
2/16/82

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

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.
DATE

04/12/2024

DISTRICT WELL INSPECTOR

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

RECEIVED
AUG 30 1983

INSPECTOR'S WELL REPORT OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 085-5879

Oil or Gas Well _____
(KIND)

Company <u>PET DEV. CORP.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>GRIFFIN</u>	16			Kind of Packer _____
Well No. <u>D-1-</u>	13			
District <u>GRANT</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 3/4			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.				
Fresh water _____ feet _____ feet				
Salt water _____ feet _____ feet				

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: Status Report.
visited location, for final inspection
But did not release.

8-25-83
DATE

[Signature]
DISTRICT WELL INSPECTOR

04/12/2024

Form 26
2/16/82

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

DATE I hereby certify I visited the above well on this date.

04/12/2024
DISTRICT WELL INSPECTOR

RECEIVED

OCT 24 1983

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

FINAL INSPECTION REQUEST

OIL & GAS DIVISION
DEPT. OF MINES INSPECTOR'S COMPLIANCE REPORT

Permit No. 085-5879

County Ritchie

Company PET. DEV. CORP.

Farm GRIFFIN Producing

Inspector MIKE U.

Well No. 233133-3 (D-1)

Date 10-10-83

RULE	DESCRIPTION	IN COMPLIANCE	
		Yes	No
23.06	Notification Prior to starting Work	_____	_____
25.04	Prepared before Drilling to prevent waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strength	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to prevent Waste	_____	_____
23.03	Reclaimed Drilling Site	<u>X</u>	_____
23.04	Reclaimed Drilling Pits	<u>X</u>	_____
23.05	No surface or underground Pollution	_____	_____
7.03	Identification Markings	<u>X</u>	_____

COMMENTS: O.K. To Release

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: Mike Henderson
DATE: 10-10-83

04/12/2024



State of West Virginia

Department of Mines

Charleston 25305

JOHN D. ROCKEFELLER, IV.
Governor

WALTER N. MILLER
Director

November 16, 1983

Petroleum Development Corp.
P. O. Box 26
Bridgeport, W. Va. 26330


Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

<u>PERMIT NUMBER</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>
RIT-4664	Albert F. Keher, #1	Union
RIT-5058	Noble J. Rogers, #1	Grant
RIT-5143	Albert Kehrer, #2	Union
RIT-5144	J. B. Taft, #1	Union
RIT-5237	Ralph Kuhn, #1	Grant
RIT-5238	Glen Kerns, #1	Grant
RIT-5269	Matilda West, #1	Grant
RIT-5879	Clyde Ross/Griffin Producing Co., #233133-3	Grant
RIT-6023	Costal Lumber Co./J. Frank Deem, et al, #1	Grant
RIT-6365	Mary Sewell & G. Kibee/Westvaco, #1	Grant

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.

Very truly yours,


Theodore M. Streit, Administrator
Dept. Mines-Office of Oil & Gas

MS/r1

04/12/2024

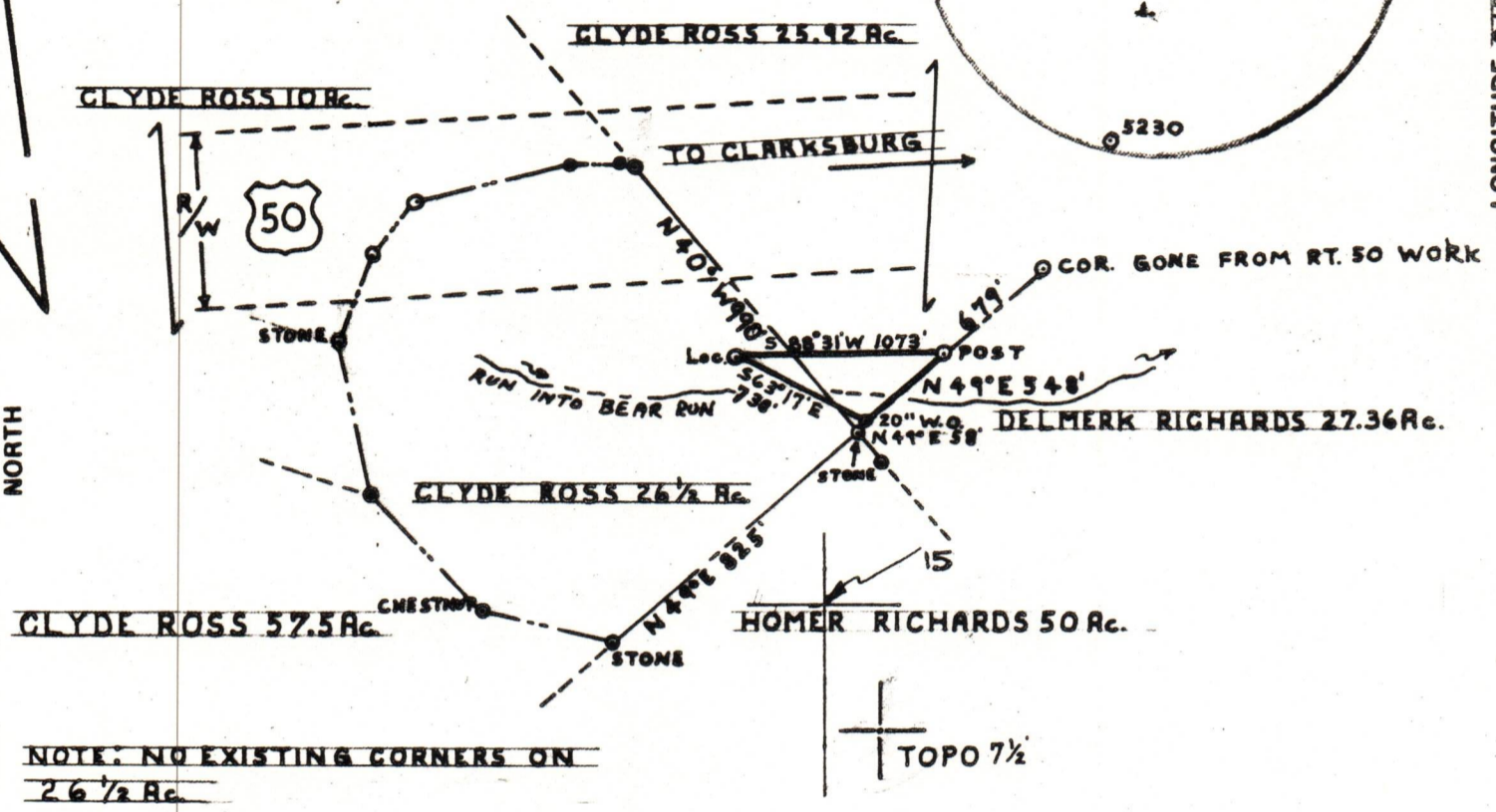
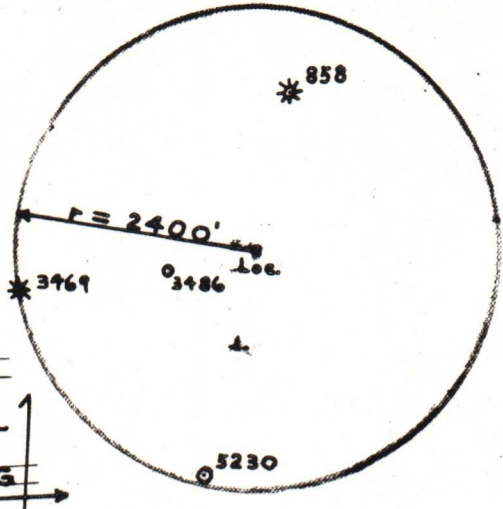
M.S. 9/10/82

6,600'

LATITUDE 39°17'30"

LONGITUDE 81°07'30"

11,400'



FILE NO. P.D.C. # 4 - P. 24
 DRAWING NO. I
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION INT. RT. ⑤ & U.S.
RT. 50 = 900'

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) Paul G. Davis
 R.P.E. 1856 L.L.S. _____

PLACE SEAL HERE

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



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE JULY 9, 1982
 OPERATOR'S WELL NO. 233133-3
 API WELL NO. _____
47 - 085 - 5879
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 1000' WATER SHED RUN INTO BEAR RUN
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE SCHULTZ 7 1/2
 SURFACE OWNER CLYDE ROSS ACREAGE 26 1/2
 OIL & GAS ROYALTY OWNER GRIFFIN PRODUCING CO. LEASE ACREAGE 1800 04/12/2024
 LEASE NO. 347900
 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 MARCELLUS SHALE ESTIMATED DEPTH 5900'
 WELL OPERATOR PETROLEUM DEVELOPMENT DESIGNATED AGENT JOHN R MITCHELL
 ADDRESS P.O. BOX 26 ADDRESS P.O. BOX 26
BRIDGEPORT W.V. BRIDGEPORT W.V.



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

Rit-5879

TO: ALL OPERATORS
 FROM: Thomas E. Huzar, Administrator
 RE: House Bill 1254 - Permits Not to be Issued on Flat Well Royalty Leases

DATE: June 22, 1982

In an effort to implement HB-1254 an affidavit was mailed to each operator previously. Upon review it is found this affidavit is inappropriate and not entirely necessary. The application form will be revised to include the following statement:

Yes / No / The right to extract, produce or market the oil or gas is based upon a lease or leases or other continuing 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 and gas so extracted, produced or marketed.

You should answer this question without the use of the form until the applications have been revised.

If the answer is "yes" to the question, then you must provide with the application affidavit which certifies that the affiant is authorized by the owner of the working interest in the well to state that it shall tender to the owner of the oil or gas in place not less than one-eighth of the total amount paid to or received for the oil or gas so extracted, produced or marketed before deducting the amount to be paid or set aside for the owner of the oil and gas in place, on all such oil or gas to be extracted, produced or marketed from the well. (See West Virginia Code 22-4-11(e).)

Attached is an affidavit form you may use, but it is necessary only in the event that you would answer "yes". If the answer is "no", please include a statement to that effect.

Re: Permits being held in lieu of Affidavit
 County: Ritchie Farm: Clyde Ross Well no.: 233133-3

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 SEP 10 1982

OIL & GAS DIVISION
 DEPT. OF MINES

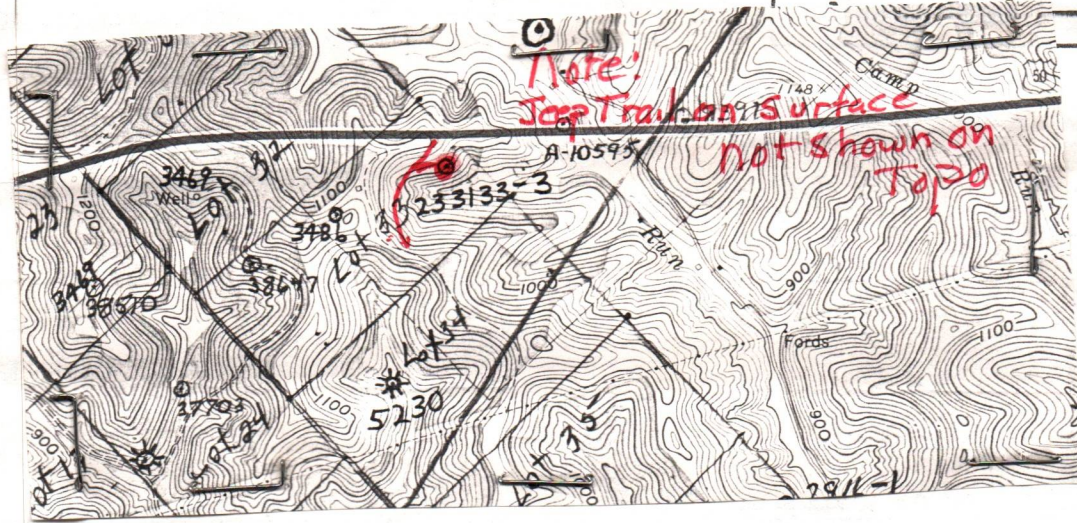
/rf

04/12/2024

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Shultz 7.5

LEGEND

Well Site ⊕

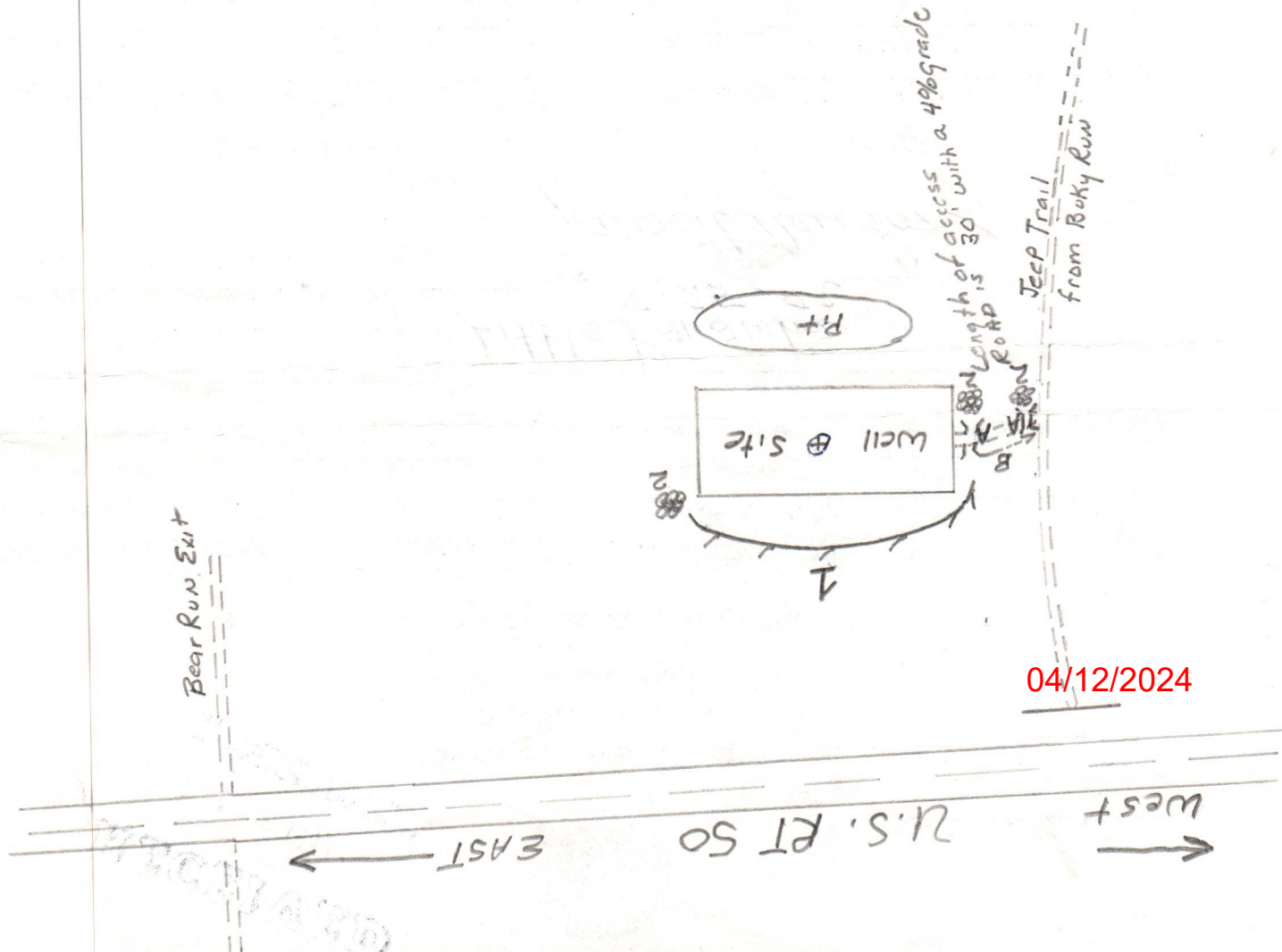


WELL SITE PLAN

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



04/12/2024

DATE Aug - 10 - 82
 WELL NO. 233133-3
 API NO. 47-085-5879

State of West Virginia
 Department of Mines
 Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME PETROLEUM DEVELOPMENT CORP. DESIGNATED AGENT JOHN MITCHELL
 Address P.O. BOX 26 BRIDGEPORT W.V. 26330
 Telephone 304-842-6256
 SOIL CONS. DISTRICT LITTLE KANAWHA
 SEED CONTRACTOR (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 8-25-82

Jarrett Newton
 (Date)
 (SCD Agent)

ACCESS ROAD LOCATION

(A) Structure DRAIN PIPE Spacing (min) 12" I.D. Page Ref. Manual 2:7
 Structure DRAINAGE DITCH (B) Spacing N/A Page Ref. Manual 2:12
 Structure Rip - Rap Material STONE Spacing N/A Page Ref. Manual 2:9

Structure SEP 08 1982 Material Oil & Gas Division DEPT. OF MINES Page Ref. Manual SEP 08 1982

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
 Lime 3 Tons/acre or correct to pH 6.5
 Fertilizer 600 lbs/acre (10-20-20 or equivalent)
 Mulch HAY-2 Tons/acre
 Seed * KY-31-30 lbs/acre
 Alsike Clover - 10 lbs/acre

Treatment Area II
 Lime 3 Tons/acre or correct to pH 6.5
 Fertilizer 600 lbs/acre (10-20-20 or equivalent)
 Mulch HAY-2 Tons/acre
 Seed * KY-31-30 lbs/acre
 Alsike Clover - 10 lbs/acre

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

NOTES: Please review landowner cooperation to protect new seeding for one growing season. Attach separate sheets as necessary for comments.

PLAN PREPARED BY J. R. Doherty
 ADDRESS P.O. Box 26 Bridgeport W.V. 26330
 PHONE NO. (304) 842-6256

RECEIVED
 SEP - 8 1982
 OIL AND GAS DIVISION
 DEPARTMENT OF MINES
 IV-9 (Rev 8-81)



04/12/2024

RECEIVED

SEP - 8 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES



Date: September 1, 19 82

Operator's Well No. #233133-3

API Well No. 47 085 5879

State County Permit

FORM IV-2
(Obverse)
(12-81)

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

WELL TYPE: Oil xx / Gas _____
(If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow _____ /)

LOCATION: Elevation: 1000' Watershed: Run into Bear Run
District: Grant County: Ritchie Quadrangle: Schultz 7 1/2'

WELL OPERATOR PETROLEUM DEVELOPMENT CORPORATION DESIGNATED AGENT John R. Mitchell
Address PO Box 26, 103 East Main Street Address PO Box 26, 103 East Main Street
Bridgeport, WV 26330 Bridgeport, WV 26330

OIL & GAS ROYALTY OWNER Griffin Producing Company
Address 320 South Boston, Suite #1504
Tulsa, Okl. 74103

COAL OPERATOR _____
Address _____

Acreage 1800
SURFACE OWNER Clyde Ross
Address Rt. 1
Cairo, WV 26337
Acreage 26 1/2

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

FIELD SALE (IF MADE) TO:
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Samuel N. Hersman
Address PO Box 66
Smithville, WV 26178

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed _____ / lease _____
other contract x / dated April 29, 1982, to the undersigned well operator from Magnum Oil Corporation

(IF said deed, lease, or other contract has been recorded):
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Plug off old formation _____ / Perforate new formation _____ /
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the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to
the Department of Mines at Charleston, West Virginia.

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

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OIL & GAS DIVISION
DEPT. OF MINES

BLANKET BOND

04/12/2024

PETROLEUM DEVELOPMENT CORPORATION
Well Operator
By John R. Mitchell
Its Area Manager of Operations

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) _____
Address _____

GEOLOGICAL TARGET FORMATION, Marcellus Shale

Estimated depth of completed well, 5900' feet Rotary x / Cable tools _____ /

Approximate water strata depths: Fresh, 360 feet; salt, 560 feet.

Approximate coal seam depths: none Is coal being mined in the area? Yes _____ / No x /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			New	Used	FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft			For drilling	Left in well		
Conductor	16"	--	--		x	20'	20'		Kinds
Fresh Water	10 3/4"	H-40	40.5#	x		400'	400'	cement to surface	
Coal									Sizes
Intermediate	7 5/8"	J-55	20#	x		2040'	2040'	cement to surface	
Production	4 1/2"	J-55	10.5#	x		5900'	5900'	500sks	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

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

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

THIS PERMIT MUST BE POSTED AT THE WELL SITE.
ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE
IF OPERATIONS HAVE NOT COMMENCED BY 5-13-83
BY [Signature]

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

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location 04/12/2024 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: _____, 19 _____

By _____

Its _____

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