

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



Date: July 15, 1982

Operator's Well No. #34-2535-5

API Well No. 47 085 5771

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: 1050' Watershed: Bear Run
District: Grant County: Ritchie Quadrangle: Cairo 7.5'

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. 74102

COAL OPERATOR _____
Address _____

Acreage 1800

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Jennings Ross
Address Rt 1, Cairo, WV 26337

Name none

Address _____

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Acreage 265

Name _____

Address _____

FIELD SALE (IF MADE) TO:

Address _____

COAL LESSEE WITH DECLARATION ON RECORD:

OIL & GAS INSPECTOR TO BE NOTIFIED

Name _____

Name _____

Address _____

Address Samuel N. Hersman
P.O. Box 66
Smithville, W.Va. 26178

477-3597

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, 19 82, to the undersigned well operator from Magnum Oil Corporation

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

Recorded on May 10, 19 82, 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 xx / Drill deeper _____ / Redrill _____ / Fracture or stimulate _____ /
Plug off old formation _____ / Perforate new formation _____ /
Other physical change in well (specify) _____

—planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §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

04/12/2024

PETROLEUM DEVELOPMENT CORPORATION

Well Operator

By John Mitchell
Its AREA MANAGER (OF OPERATIONS)

PERMIT BOND

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 xx / Cable tools _____ /

Approximate water strata depths: Fresh, 450 feet; salt, 635 feet.

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

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	30'	30'		Kinds
Fresh Water	11 3/4"	H-40	44#	x		480'	480'	cement to surface	
Coal									Sizes
Intermediate	8 5/8"	H=40	23#	x		2000'	2000'	cement to surface	
Production	4 1/2"	J-55	10.5#	c		5850'	5850'	500 sks.	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 3-23-83
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 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: _____, 19 _____

By _____
Its _____

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

LEGEND

Well Site 

Access Road 















WELL SITE PLAN

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

Land Use: Pasture Hayland Cropland Woodland

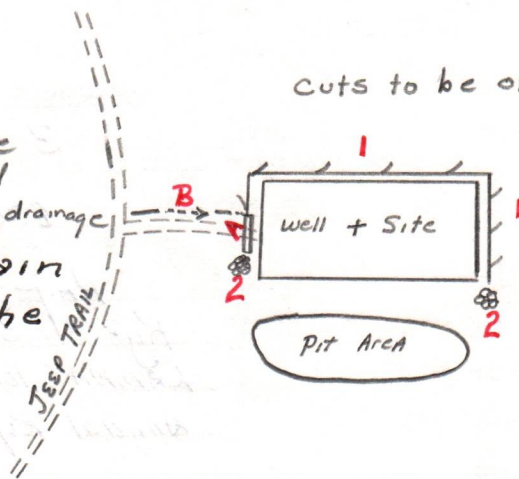
LEGEND

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

ROADWAY Slope is Approx 4-6%

Cuts to be on 2:1 Slope or less

Existing road to be ditched + Graded to Assure proper drainage will be maintain the same as the access road.



04/12/2024



IV-9
(Rev 8-81)

DATE June 29
WELL NO. 34-2535-5 Griffin
API NO. 47-085-5771 Producing

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Petroleum Development Corp. DESIGNATED AGENT John R. Mitchell
Address P.O. 26 BRIDGEPORT West Virginia, 26330 Address P.O. 26 BRIDGEPORT, W.Va. 26330
Telephone (304-842-6256) Telephone (304) 842-6256
LANDOWNER TENNINGS ROSS SOIL CONS. DISTRICT Little Kanawha
Revegetation to be carried out by Seeding Contractor (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 6-30-82 (Date)

Jarrett Newton
(SCD Agent)

ACCESS ROAD		LOCATION
Structure <u>DRAIN PIPE</u>	(A)	Structure <u>Diversion Ditch</u> (1)
Spacing <u>(Min. 12" I.D.)</u>		Material <u>Earthen</u>
Page Ref. Manual <u>2:7</u>		Page Ref. Manual <u>2:12</u>
Structure <u>DRAINAGE Ditch</u>	(B)	Structure <u>Rip-Rap</u> (2)
Spacing <u>N/A</u>		Material <u>Stone</u>
Page Ref. Manual <u>2:12</u>		Page Ref. Manual <u>N/A</u>
Structure _____	(C)	Structure _____ (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>600</u> lbs/acre (10-20-20 or equivalent)	Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)
Mulch <u>Nay-2</u> Tons/acre	Mulch <u>Nay-2</u> Tons/acre
Seed* <u>Ky-31-30</u> lbs/acre	Seed* <u>Ky-31-30</u> lbs/acre
<u>LADINA Clover-4</u> lbs/acre	<u>LADINA Clover-4</u> lbs/acre
<u>Annual Rye-4</u> lbs/acre	<u>Annual Rye-4</u> lbs/acre

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

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

PLAN PREPARED BY David S. Day 04/12/2024
ADDRESS P.O. 26
Bridgeport, W.Va. 26330
PHONE NO. (304) 842-6256



**Petroleum
Development
Corporation**

103 East Main Street
P. O. Box 26
Bridgeport, West Virginia 26330
Phone: 304-842-3597

RT-5771

A-10

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

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

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

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

N₂ and CO₂ 3 stage frac job total for job 1,033,000scf N₂ and 27 ton CO₂; 1750 gal acid

- 1st stage 26 perfs(4407-4972) 410MSCF N₂; 9.5 tons CO₂; 375 gal acid
- 2nd stage 30 perfs(4009-4332) 348MSCF N₂; 9.5 tons CO₂; 375 gal acid
- 3rd stage 40 perfs(2534-3836) 275MSCF N₂; 8.0 tons CO₂; 1000 gal acid
- refrac 3rd stage thru 2 7/8" tubing(plug @ 2820') 28 perfs(2820-3836)
65MCF N₂; 10 tons CO₂; 15 bbls acid

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			10	15	
sand, shale, RR			15	460	
sand			460	515	
sand, shale, RR			515	1819	
L. Lime			1819	1864	
Blue Monday			1864	1873	
sand, shale			1873	1912	
Big Lime			1912	1955	
Big Injun			1955	2048	
Squax			2048	2078	
sand, shale			2078	2192	
Weir			2192	2267	
sand, shale			2267	2412	
Sunbury shale			2412	2426	
Berea			2426	2444	
sand, shale			2444	2530	
Gantz			2530	2591	
sand, shale			2591	2802	
Gordon Stray/Gordon			2802	2850	

(Attach separate sheets as necessary)

Petroleum Development Corporation
Well Operator
By: *John R. 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



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IV-35 (Rev 8-81)

JAN 18 1983

OIL AND GAS DIVISION WV DEPARTMENT OF MINES

State of West Virginia

Department of Mines Oil and Gas Division

Date 1/12/83 Operator's Well No. 34-3525-5 Farm Griffin Producing API No. 47 - 085 - 5771

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: 1050 Watershed Bear Run District: Grant County Ritchie Quadrangle Cairo 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 Jennings Ross ADDRESS Rt. 1, Cairo, Wv 26337 MINERAL RIGHTS OWNER Griffin Producing Company ADDRESS 320 S. Boston, Suite #1504, Tulsa, OK OIL AND GAS INSPECTOR FOR THIS WORK Sam Hersman ADDRESS P.O. Box 66, Smithville, Wv 26178 PERMIT ISSUED 7/21/82 DRILLING COMMENCED 9/25/82 DRILLING COMPLETED 9/28/82 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16, 13-10, 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

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

OPEN FLOW DATA Producing formation Devonian Shale Pay zone depth 2534-4972 feet Gas: Initial open flow 59 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--)

REV 5771

04/12/2024

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
sand, shale			2850	3411		
Huron			3411	4570	gas show 3700'	6/10 thru 1" H ₂ O
Java.			4570	4949	gas show 4783'	6/10 thru 1" H ₂ O
Angola			4949	5273		
Rhinestreet			5273	5310	gas show @ TD	4/10 thru 1" H ₂ O

04/12/2024

1225 5721

Date January 17, 19 83

APPROVED _____ Owner

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

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5771

Oil or Gas Well _____
(KIND)

Company Petroleum Development Corp

Address _____

Farm Jennings Ross

Well No. 34-2535-5

District Grant County Ritchie

Drilling commenced 9-24-82

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 None 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 Kirby Eskew / Mason Freeman / Robert Heater

Union Drilling Rig # 6 Tool Pusher
Bill Heater

Remarks: Visit = 847 foot deep Pit O.K.

9-25-82
DATE

Samuel N. Hersman 04/12/2024
DISTRICT WELL INSPECTOR

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

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5771

Oil or Gas Well _____
(KIND)

Company <u>Petroleum Development Corp.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Jennings Ross</u>	16			Kind of Packer _____
Well No. <u>34-2535-5</u>	13			
District <u>Grant</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced <u>9-24-82</u>	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 Kirby Eskew / Mason Freeman / Robert Heater
Union Drilling Rig # 6 tool Pusher
Remarks: Bill Heater

Check on pit = Pit OK.

26 29 foot deep at time of visit

9-27-82
DATE

Samuel N. Hersman 04/12/2024
DISTRICT WELL INSPECTOR

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

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INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 085-5771

Oil or Gas Well _____
(KIND)

Company PET DEV. CORP.

Address _____

Farm BRITAIN Producing

Well No. 34-3525-5

District Grant County Put.

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
16			
13			
10			Size of
8 1/4			
6 1/2			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 _____

Remarks: FINAL INSPECTION

O.K. TO RELEASE

8-25-83

DATE

Mike Anderson
04/12/2024
DISTRICT WELL INSPECTOR



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

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

September 2, 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-5628-REV.	Maxine & Foster Smith, #1	Grant
RIT-5771	Jennings Ross, #34-2535-5	Grant
RIT-5863	Westvaco Corporation, #A-2	Grant
RIT-5899	Brian G. & Diane Whalin, #1	Grant
RIT-6024	Alfred Blizzard et al, #2	Grant
RIT-6129	Daniel Donnelly etux, #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
Office of Oil & Gas-Dept. Mines

04/12/2024

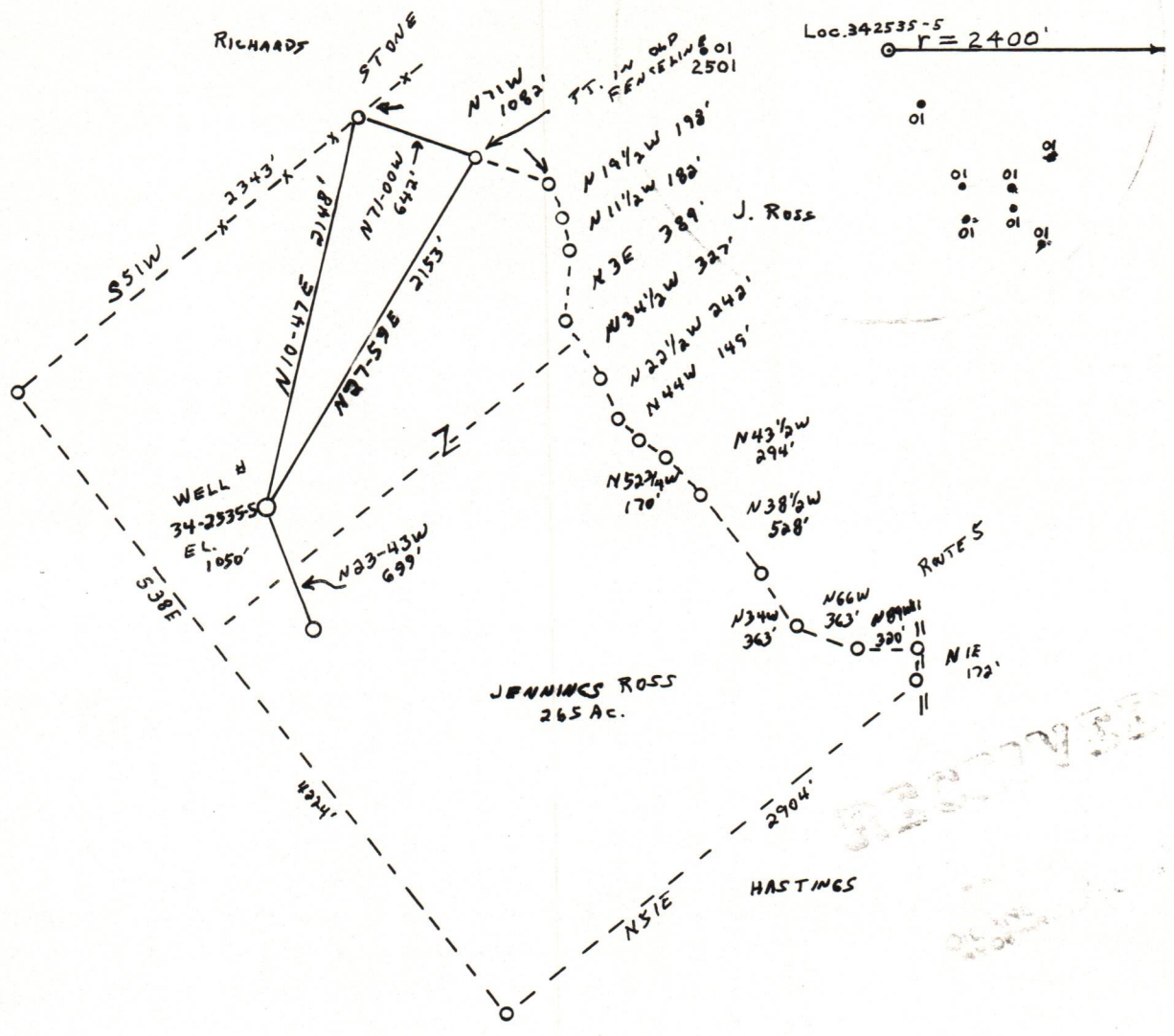
M.S. 7/22/82

5900'

LATITUDE 39°-15'-00"

LONGITUDE 81°-07'-30"

NORTH



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION EL. 943 @ INT.
 O.P. ATES. 31/1 ; 31/3

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) Burl J. Smith
 R.P.E. 6988 L.L.S. _____

PLACE SEAL HERE

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



DATE JUNE 25, 1982
 OPERATOR'S WELL NO. 34-2535-5
 API WELL NO. 47-085-5771
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 1050' WATER SHED BEAR RUN
 DISTRICT GRANT COUNTY FITCHIE
 QUADRANGLE CAIRO 7.5'
 SURFACE OWNER JENNINGS ROSS ACREAGE 265
 OIL & GAS ROYALTY OWNER GRIFFIN PRODUCING CO. LEASE ACREAGE 180 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 H. MITCHELL
 ADDRESS P.O. BOX 26 ADDRESS P.O. BOX 26
BRIDGEPORT, WV 26330 BRIDGEPORT, WV 26330