



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

DEC 15 1980

Oil and Gas Division

OIL & GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,  
Charleston, W. Va.

DATE December 11, 1980

Surface Owner Paul Ingram, et ux

Company Ferrell Prior

Address St. Marys, West Virginia

Address P. O. Box 1486, Parkersburg, W. Va.

Mineral Owner Paul Ingram et ux

Farm Ingram Acres 110.5

Address St. Marys, West Virginia

Location (waters) Cow Creek of Ohio River

Coal Owner N/A

Well No. Three Elevation 845

Address N/A

District Grant County Pleasants

Coal Operator N/A

Quadrangle Willow Island 7.5

Address N/A

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 8-19-81.

INSPECTOR  
TO BE NOTIFIED Phillip Lee Tracy

ADDRESS Middlebourne, West Virginia

PHONE 758-4573

*J. E. Huggins*  
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated August 7 1980 by Paul B. Ingram and Carroll. Ingram made to Santa Fe Leasing Co. and recorded on the 18th day of August 1980, in Pleasants County, Book 157 Page 137

NEW WELL  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  
 OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. \*

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day \_\_\_\_\_ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, Ferrell Prior  
(Sign Name) Ferrell Prior  
Well Operator

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND  
ECONOMIC SURVEY  
P. O. BOX 879  
MORGANTOWN, WEST VIRGINIA 26505  
AC-304 - 292-6331

Address  
of  
Well Operator

P. O. Box 1486  
Street  
Parkersburg  
City or Town  
West Virginia 26101  
State

\*SECTION 3 . . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

47-073-1087 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by \_\_\_\_\_

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

PROPOSED WORK ORDER TO X DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME Paul Drilling NAME Ferrell Prior  
 ADDRESS P.O. Box 1365, Parkersburg, W. Va. ADDRESS P.O. Box 1486, Parkersburg W. Va.  
 TELEPHONE 422-5418 TELEPHONE 485-7419  
 ESTIMATED DEPTH OF COMPLETED WELL: 4200 ROTARY X CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Devonian Shale  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS \_\_\_\_\_ COMB. X STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

**TENTATIVE CASING PROGRAM:**

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	250	250	To surface
7			
5 1/2			420
4 1/2		4200	250 sks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 50 FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS N/A  
 IS COAL BEING MINED IN THE AREA? N/A BY WHOM? \_\_\_\_\_

**TO DRILL:**

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

**TO DRILL DEEPER OR REDRILL:**

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

**TO FRACTURE - STIMULATE:**

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for \_\_\_\_\_ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the \_\_\_\_\_ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

\_\_\_\_\_  
For Coal Company

\_\_\_\_\_  
Official Title

STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS

Company Name FERRELL PRIOR Designated Agent SAME  
Address PO Box 14861, PARKERSBURG, WV  
Telephone 304-485-7419  
Landowner PAUL INGRAM Soil Cons. District UPPER OHIO  
Revegetation to be carried out by PRIOR OIL COMPANY (Agent)  
This plan has been reviewed by Upper Ohio SCD, Al corrections  
and additions become a part of this plan. 12/10/80 Rennette P. Mason  
(Date) (SCD Agent)

Access Road	Location
Structure <u>OPEN DRAINAGE</u> (A)	Structure <u>DIVERSION</u> (1)
Spacing _____	Material _____
Page Ref. Manual <u>1:8</u>	Page Ref. Manual <u>1:9</u>
Structure <u>CROSS DRAINS</u> (B)	Structure _____ (2)
Spacing _____	Material _____
Page Ref. Manual <u>1:4</u>	Page Ref. Manual _____
Structure _____ (C)	Structure _____
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

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

OIL & GAS DIVISION  
DEPT. OF MINES

Revegetation

Treatment Area I

Treatment Area II

Lime _____ Tons/acre	Lime _____ Tons/acre
or correct to pH <u>6.5</u>	or correct to pH <u>6.5</u>
Fertilizer <u>600</u> lbs/acre	Fertilizer <u>600</u> lbs/acre
(10-20-20 or equivalent)	(10-20-20 or equivalent)
Mulch <u>Hay (2)</u> Tons/Acre	Mulch _____ Tons/Acre
Seed* <u>TALL FESCUE 45</u> lbs/acre	Seed* _____ lbs/acre
<u>CROWN VETCH 15</u> lbs/acre	_____ lbs/acre
_____ lbs/acre	_____ lbs/acre

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

Attach or photocopy section of involved Topographic map. Quadrangle Willow Island 7.5'

Legend:  Well Site  
 Access Road



- Legend:
- Property Boundary
  - Road
  - Existing Fence
  - Planned Fence
  - Stream
  - Open Ditch

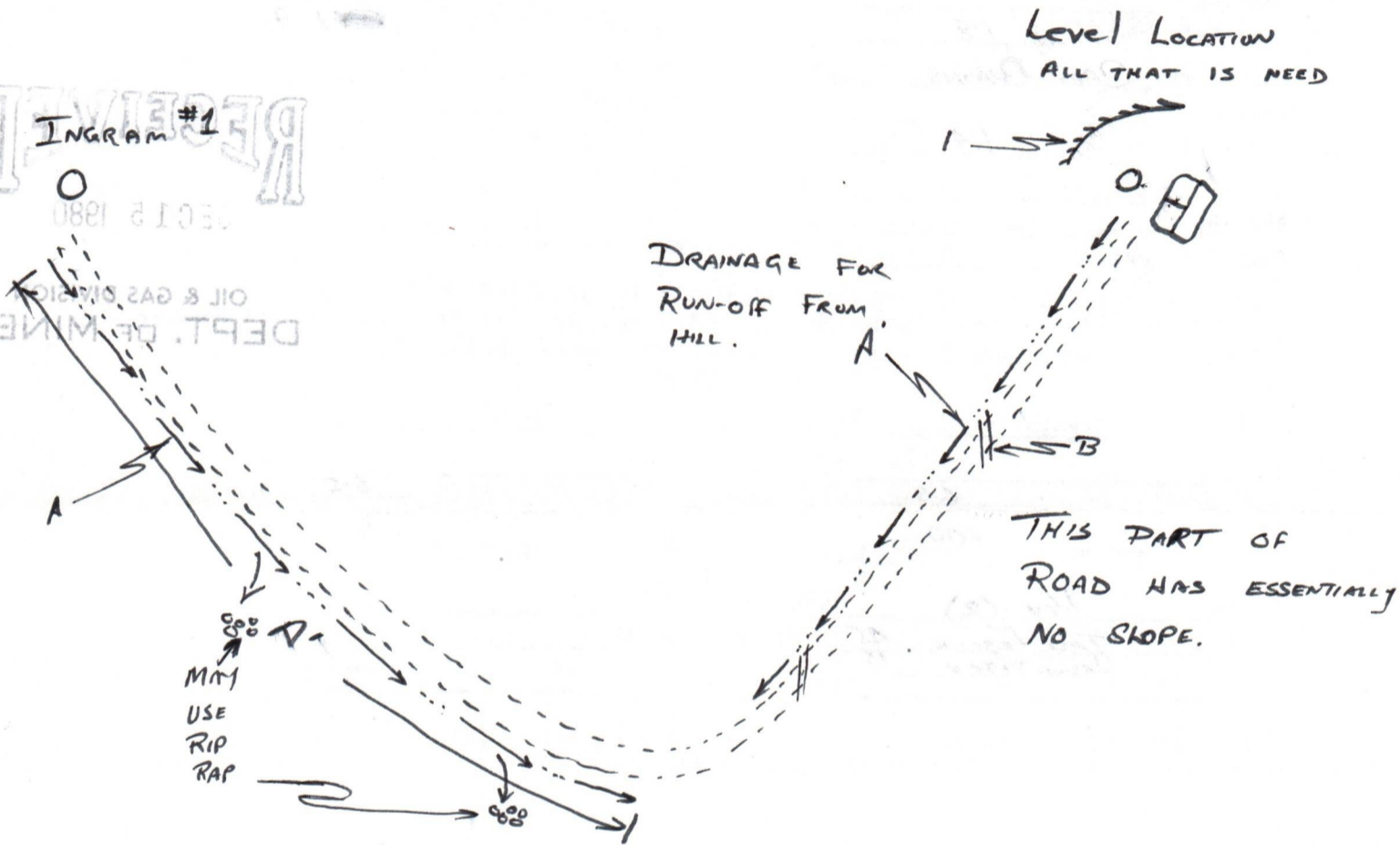
- Drainage
- Spring
- Well Spot
- Building
- Drain Pipe
- Waterway

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

FINAL APPROVEMENT BY INSPECTOR

Inspector: \_\_\_\_\_

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 OIL & GAS DIVISION  
 DEC 18 1980  
 INGRAM #1



SLOPE of A' 10% - 15%

*Donald C. Ketchum*  
 P.O. Box 1982 - PARKERSBURG WV

304-485-7419

Phone Number



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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL & GAS DIVISION  
DEPT. OF MINES

**Oil and Gas Division**  
**WELL RECORD**

Quadrangle Willow Island 7.5  
Permit No. 47-073-1087

Rotary  Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb.   
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind)

Company Ferrell Prior  
Address P. O. Box 1486, Parkersburg W. Va.  
Farm Ingram Acres 110.5  
Location (waters) Cow Creek of Ohio River  
Well No. 3 Elev. 845  
District Grant County Pleasants  
The surface of tract is owned in fee by Paul Ingram et ux  
St. Mary's, W. Va.  
Mineral rights are owned by Paul Ingram et ux  
St. Marys, W. Va.  
Drilling Commenced 1/8/81  
Drilling Completed 1/16/81  
Initial open flow Show cu. ft. Show bbls.  
Final production 1,090,000 ft. per day 10 bbls.  
Well open 4 hrs. before test 980RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8	259	259	80 sks
7			
5 1/2			
4 1/2	4021	4021	600 sks
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

B-J Hughes Nitrogen Frac 4/15/81

Coal was encountered at N/A Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 60 Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Devonian Shale Depth 1235 to 4050

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	20		
Shale			20	46		
Sand			46	86		
Shale			86	112		
Sand			112	152		
Shale			152	368		
Sand			368	459		
Shale			459	505		
Sand			505	540		
Shale			540	642		
Sand			642	660		
Shale			660	764		
Sand			764	780		
Shale			780	808		
Sand			808	850		
Shale			850	934		
Little Lime			934	980		
Shale			980	986		
Big Lime			986	1092		
Big Injun			1092	1235		
Shale			1235	1537		
Berea Sand			1537	1548		
Shale			1548	1658		

(over)

\* Indicates Electric Log tops in the remarks section.

Pleasants - 1087

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Gantz Soil			1658	1672		
Shale			1672	1788		
Gordon Stray Sand			1788	1812		
Shale			1812	2054		
Gordon			2054	2084		
Shale			2084	2885		
Brown Shale			2885	3570		
Shale			3570	3788		
Marcellus Shale			3788	3818		
Shale			3818	4050		
Total Depth			4050			

Date \_\_\_\_\_ 19\_\_

APPROVED *Terrell* \_\_\_\_\_ Owner

By \_\_\_\_\_

(Title)

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OIL & GAS DIVISION  
**DEPT. OF MINES**  
 STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date: September 4, 19 84

Operator's Well No. Three (3)

API Well No. 47 - 073 1087  
 State County Permit

WELL OPERATOR'S REPORT  
 OF  
INITIAL GAS-OIL RATIO TEST

WELL OPERATOR Ferrell Prior  
 Address 4818 Rosemar Road  
Parkersburg, W. Va. 26101

DESIGNATED AGENT Ferrell Prior  
 Address 4818 Rosemar Road  
Parkersburg, W. Va. 26101

GEOLOGICAL TARGET FORMATION: Devonian Shale Depth 4000 feet  
 Perforation Interval 1235 - 4050 feet

GUIDELINES FOR TESTING:

- 1- A minimum of gas vented or flared
- 2- A 24 hour preflow into pipelines or tanks
- 3- Uniform producing rate during the 24 hour test per test period
- 4- Measurement standards as for Form IV-39, "Report of Annual Production" (see Regulation 21.01)
- 5- Separate Form IV-36 for each producing formation in a multiple completion

TEST DATA				
START OF TEST-DATE <u>4-25-81</u>	TIME <u>7:00AM</u>	END OF TEST-DATE <u>4-26-81</u>	TIME <u>7:00AM</u>	DURATION OF TEST <u>24 hours</u>
TUBING PRESSURE <u>N/A</u>	CASING PRESSURE <u>980</u>	SEPARATOR PRESSURE <u>N/A</u>	SEPARATOR TEMPERATURE <u>N/A</u>	
OIL PRODUCTION DURING TEST <u>10</u> bbls.	GAS PRODUCTION DURING TEST <u>1,090,000</u> Mcf		WATER PRODUCTION DURING TEST & SALINITY <u>None</u> bbls. ppm.	
OIL GRAVITY <u>49</u> °API	PRODUCING METHOD (Flowing, pumping, gas lift, etc.) <u>Flowing</u>			

MEASUREMENT METHOD			GAS PRODUCTION	
FLANGE TAP <input type="checkbox"/>	PIPE TAP <input type="checkbox"/>	L-10 <input type="checkbox"/>	POSITIVE CHOKE	<input checked="" type="checkbox"/>
ORIFICE DIAMETER <u>1/8"</u>	PIPE DIAMETER (INSIDE DIAM.) <u>N/A</u>	NOMINAL CHOKE SIZE - IN. <u>N/A</u>	CRITICAL FLOW PROVER <input type="checkbox"/>	
DIFFERENTIAL PRESSURE RANGE <u>N/A</u>	MAX. STATIC PRESSURE RANGE	PROVER & ORIFICE DIAM. - IN.		
DIFFERENTIAL	STATIC	GAS GRAVITY (Air=1.0)	MEASURED ESTIMATED <u>.68</u>	
GAS GRAVITY (Air=1.0) <u>.68</u>	FLOWING TEMPERATURE <u>60</u>	GAS TEMPERATURE <u>.68</u> °F		
24 HOUR COEFFICIENT	24 HOUR COEFFICIENT		PRESSURE - psia	

TEST RESULTS			
DAILY OIL <u>10</u> bbls.	DAILY WATER <u>None</u> bbls.	DAILY GAS <u>1,090,000</u> Mcf.	GAS-OIL RATIO <u>109,000</u> SCF/STB

Ferrell Prior

Well Operator

By: Ferrell Prior

Its: Agent

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

INSPECTOR'S WELL REPORT

Permit No. 073-1087

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Ferrell prior  
 Address Parkersburg W. Va.  
 Farm Paul Ingram  
 Well No. 3  
 District Grant County Pleasant  
 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 _____

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OIL & GAS DIVISION  
DEPT. OF MINES

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
 NAME OF SERVICE COMPANY \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 OIL & GAS DIVISION  
 DEPT. OF MINES

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OIL & GAS DIVISION  
DEPT. OF MINES

Drillers' Names \_\_\_\_\_

Remarks: This well was drilled & completed, Co says that They are sending in 10 35, if you don't Receive it in one week I will write violation, Co Has agreed to Re claim well site also

8-19-83  
DATE

R.A. Lowther  
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

\_\_\_\_\_  
DISTRICT WELL INSPECTOR

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OCT 12 1984



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

**FINAL INSPECTION REPORT**  
**INSPECTORS COMPLIANCE REPORT**  
October 1, 1984

COMPANY Ferrell Prior  
P. O. Box 1486  
Parkersburg, West Virginia 26101

PERMIT NO 073-1087  
FARM & WELL NO Paul Ingram #3  
DIST. & COUNTY Grant/Pleasants

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

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

SIGNED R.H. Lawther  
DATE Oct 8, 1984

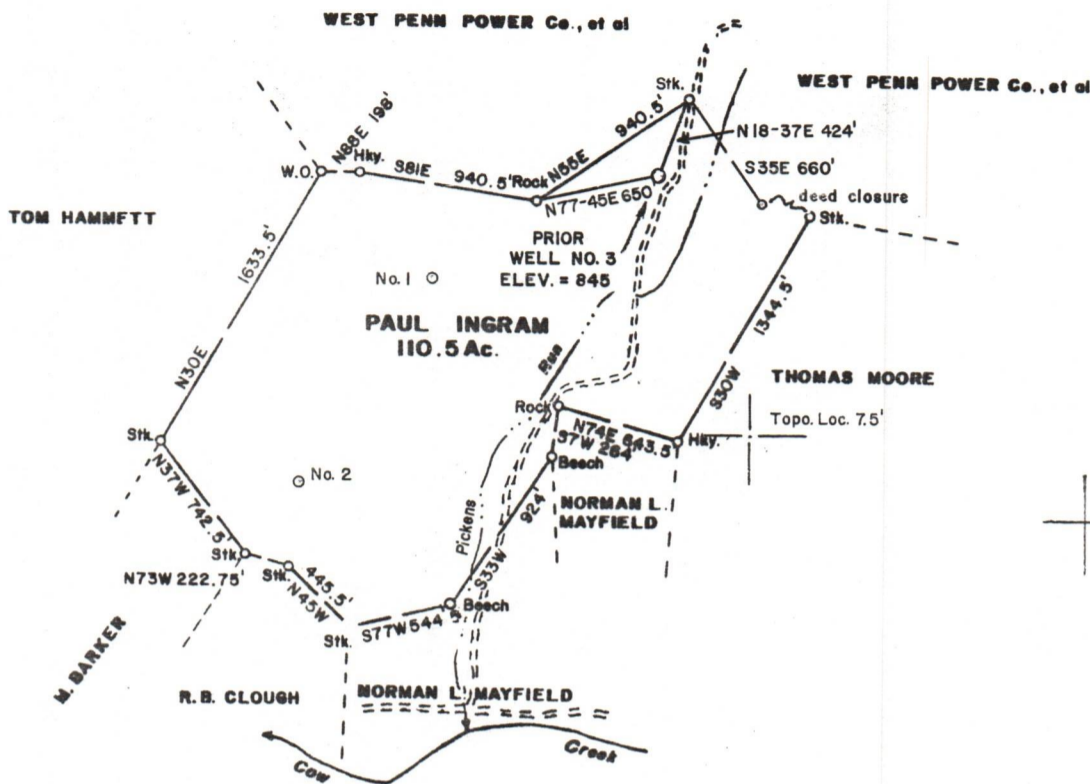
Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

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

January 9, 1985

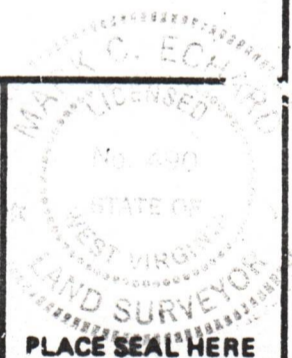
DATE

NORTH



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1 inch = 1000 feet \_\_\_\_\_  
 MINIMUM DEGREE  $\angle$  OF \_\_\_\_\_  
 ACCURACY 1/200 \_\_\_\_\_  
 PROVEN SOURCE OF \_\_\_\_\_  
 ELEVATION Junction Rds. 3300' SW  
 of Location Elev. = 655'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES. *Mark C. Echard*  
 (SIGNED) **MARK C. ECHARD**  
 R.P.E. \_\_\_\_\_ L.L.S. 490



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



DATE NOVEMBER 7, 1980  
 OPERATOR'S WELL NO. THREE  
 API WELL NO. \_\_\_\_\_  
47 - 073 - 1087  
 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 845' WATER SHED COW CREEK OF OHIO RIVER SYSTEM  
 DISTRICT GRANT \_\_\_\_\_ COUNTY PLEASANTS  
 QUADRANGLE W. LOW ISLAND 7.5  
 SURFACE OWNER PAUL INGRAM, et ux ACREAGE 110.5  
 OIL & GAS ROYALTY OWNER PAUL INGRAM, et ux LEASE ACREAGE 110.5  
 LEASE NO. \_\_\_\_\_  
 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 DEVONIAN SHALE ESTIMATED DEPTH 4200'  
 WELL OPERATOR MR. FERRELL PRIOR DESIGNATED AGENT MR. FERRELL PRIOR  
 ADDRESS BOX 1486 ADDRESS BOX 1486  
PARKERSBURG, W.V. 26101 PARKERSBURG, W.V. 26101