

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) UNKNOWN  
Address \_\_\_\_\_

GEOLOGICAL TARGET FORMATION, ELK

Estimated depth of completed well, 5500 feet Rotary  / Cable tools \_\_\_\_\_ /

Approximate water strata depths: Fresh, ~~1258~~ 258 feet; salt, 0 feet.

Approximate coal seam depths: NONE Is coal being mined in the area? Yes \_\_\_\_\_ / No  /

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	11 3/4	cw	45#	X		<del>300'</del> 300'	<del>300'</del> 300'	CTS	Kinds
Fresh Water	8 5/8	erw	23#	X		1200	1200	350 SKS	Baker
Coal									Sizes
Intermediate									
Production	4 1/2	erw	10.5#	X		0	5500	750 SKS	Depths set 4000
Tubing	2 3/8	erw	4.7#	X		0	4000	0	
Liners									Perforations: est. DEPTH
									Top 3200 Bottom 54

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 2-25-83  
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

04/19/2024

The undersigned coal operator \_\_\_\_\_ / owner \_\_\_\_\_ / lessee \_\_\_\_\_ / of the coal under this well location has examined the 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 \_\_\_\_\_

*file*



Date: June 16, 19 82  
Operator's Well No. Hedrick #1  
API Well No. 47 085 5709  
State County Permit

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

WELL TYPE: Oil X / Gas X /  
(If "Gas", Production X / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow \_\_\_\_\_ /)  
LOCATION: Elevation: 1058 Watershed: Bear Run  
District: Grant County: Ritchie Quadrangle: Schultz 7.5  
WELL OPERATOR Rimrock Production Corp DESIGNATED AGENT Robert L. Murdock  
Address 4424 B Emerson Avenue Address 4424 B Emerson Avenue  
Parkersburg, W.Va 26104 Parkersburg, W.Va 26104

OIL & GAS ROYALTY OWNER Merrill G. Hedrick  
Address Route 1 Box 194  
Cairo, W.Va. 26337  
Acreage ~~224~~ 103.25

SURFACE OWNER Merrill G. Hedrick  
Address Route 1 Box 194  
Cairo, W.Va 26337  
Acreage ~~224~~ 103.25

FIELD SALE (IF MADE) TO:  
Address unknown

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Deo Mace  
Address Rt. 1 Box 5  
Sandridge, W.Va.

COAL OPERATOR none  
Address \_\_\_\_\_

COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name none  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
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JUN 18 1982  
OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

COAL LESSEE WITH DECLARATION ON RECORD:  
Name none  
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 Aug 14, 19 81, to the undersigned well operator from James R. Ronshausen

(If said deed, lease, or other contract has been recorded):  
Recorded on Aug 17, 19 81, in the office of the Clerk of the County Commission of Ritchie County, West  
Va., in Lease Book 138 at page 84. 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

**BLANKET BOND**

**04/19/2024**  
Rimrock Production Corp.  
Well Operator  
By Arson Crane  
Its Agent





DATE June 9, 1982

WELL NO. 1

API NO. 47-085-5709

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Rimrock Production Corp.

Address 4424B Emerson Ave., Parkersburg, WV

Telephone 428-1520

DESIGNATED AGENT Robert L. Murdock

Telephone 428-1520

LANDOWNER Merrill & Ruth Hedrick

Revegetation to be carried out by Rimrock Production Corp.

SOIL CONS. DISTRICT Little Kanawha  
(Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections  
and additions become a part of this plan: 6-14-82  
(Date)

Janett Newlon  
(SCD Agent)

ACCESS ROAD

Structure Drainage Ditch

(A) Structure Diversion Ditch (1)

Spacing \_\_\_\_\_  
Page Ref. Manual 2-12

Material \_\_\_\_\_  
Page Ref. Manual 2-12

Structure Cross Drain

(B) Structure Sediment Barrier (2)

Spacing 80'  
Page Ref. Manual 2-1

Material Brush or stone  
Page Ref. Manual 2-1

Structure Culvert

(C) Structure \_\_\_\_\_ (3)

Spacing Min. One (1) 24" Pipe  
Page Ref. Manual 2-7

Material \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

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WV DEPARTMENT OF MINES

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 & II

\_\_\_\_\_ Tons/acre  
or correct to pH 6.5  
Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)  
Hay 2 Tons/acre  
\* KY-31 Tall Fescue 45 lbs/acre  
Crownvetch 10 lbs/acre  
\_\_\_\_\_ lbs/acre

~~XXXXXXXXXXXXXXXXXXXX~~  
Lime \_\_\_\_\_ Tons/acre  
or correct to pH \_\_\_\_\_  
Fertilizer \_\_\_\_\_ lbs/acre  
(10-20-20 or equivalent)  
Mulch \_\_\_\_\_ Tons/acre  
Seed\* \_\_\_\_\_ lbs/acre  
\_\_\_\_\_ lbs/acre  
\_\_\_\_\_ lbs/acre

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

04/19/2024

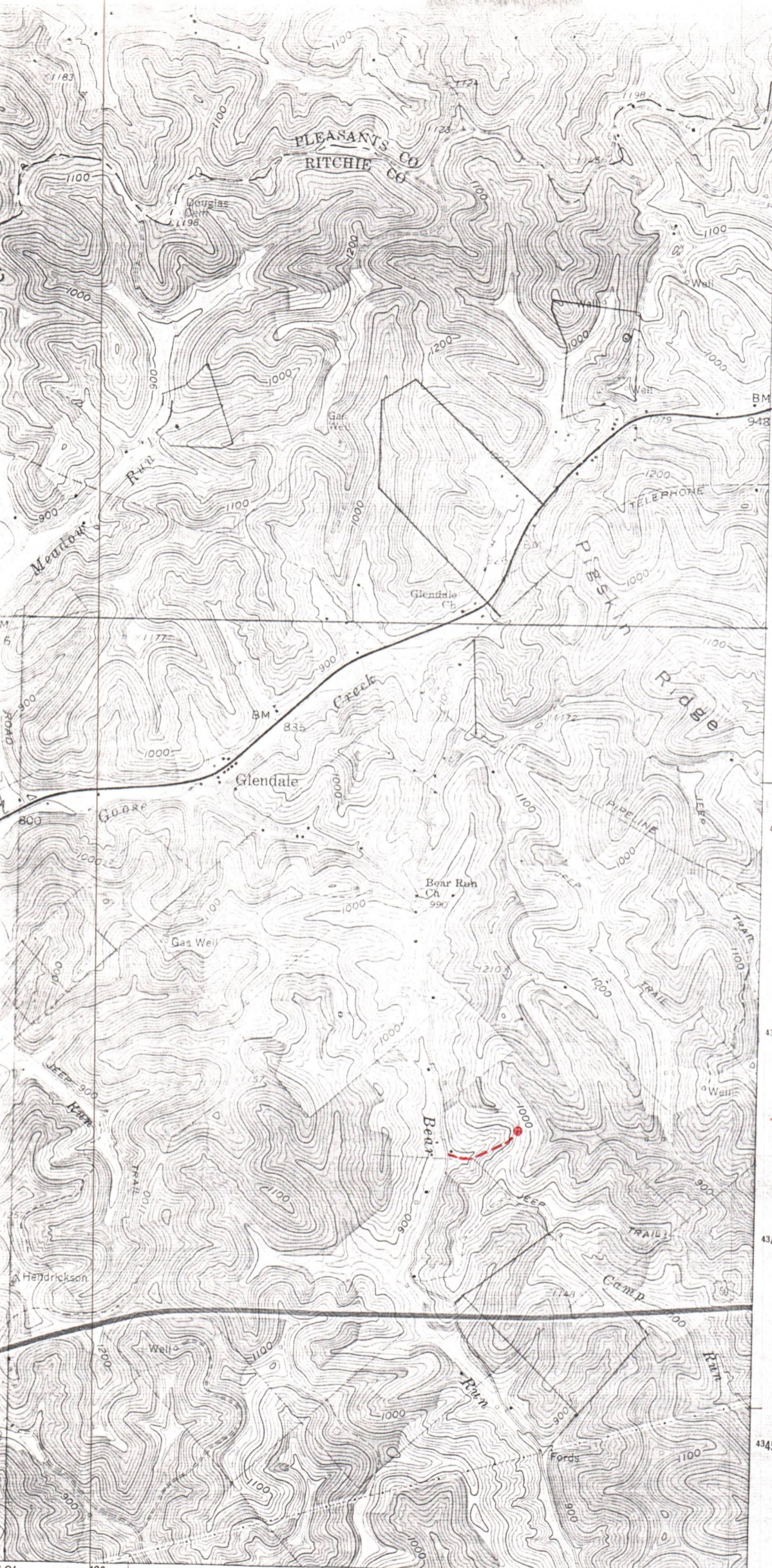
PLAN PREPARED BY Smith Land Surveying

ADDRESS 111 South Street

Glenville, W.V. 26351

PHONE NO. 462-5634

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



PIKE (U.S. ALT. 50) 3.6 MI.  
ELLENBORO 5.6 MI.  
(ELLENBORO)  
4762 1 SE

4350  
4349  
17'30"  
4348  
4347  
4346  
4345000m N.

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OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

#1

04/19/2024

86 87 88 89 90 91 92 93 94 95 96 97 98 99 00  
39°15'  
488000m E. 81°07'30"

ROAD CLASSIFICATION

Heavy-duty ————— Light-duty  
Unimproved dirt - - - - -

U S Route State Route

(HARRISVILLE)  
4762 11 NE

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1976

CORNWALLIS 2 MI.



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

TO: ALL OPERATORS  
 FROM: Theodore M. Streit, Administrative Assistant  
 RE: New Permit Application Forms

DATE: June 10, 1982

On March 13, 1982, the legislature passed HB-154 which goes into effect June 11, 1982. This bill requires proof of one-eighth (1/8) royalty payment to the royalty owners before any well permit can be issued.

We are at the present time printing up new Permit Application Forms which should be available by next month. In the meantime you will be required to send in a notarized affidavit (sample copy below) with each permit application.

AFFIDAVIT

I, Robert L. Murdock (the above designated owner or operator, or authorized representative thereof) hereby verifies that the owner or owners of the mineral estate upon which this proposed well is to be located will receive minimum one-eighth (1/8) royalty payments for any gas or oil extracted therefrom. Copies of the 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, co-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.

Signed: Robert L. Murdock  
 (Owner, Operator, or Authorized Representative)

Notary : Candace D. Wine (Signed)

My commission expires October 19, 1991

47-085-5709

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JUN 18 1982

OIL AND GAS DIVISION  
 WV DEPARTMENT OF MINES

04/19/2024



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JUN 18 1985

VA DEPARTMENT OF MINES  
OIL AND GAS DIVISION



04/19/2024

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

Stage 1 - 3990 - 4740	21 holes	850,000scf N2	250 gal. acid
Stage 2 - 3360 - 3940	18 holes	850,000 scf N2	125 gal. acid
Stage 3 - 2450 - 3280	24 holes	850,000 scf N2	100 gal. 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
Soil			0	15	
Sandstone & Shale			15	1050	
Sandstone & Shale			1050	1100	
Sandstone & Shale			1100	1200	
Siltstone			1200	1300	
Sandstone & Shale			1300	1400	
Sandstone & Shale			1400	1500	
Sandstone & Shale			1500	1600	
Sandstone & Shale			1600	1700	
Sandstone & Shale			1700	1836	
Big Injun			1836	2040	Oil Show
Siltstone			2040	2481	
Berea			2481	2490	
Siltstone & Sandy Siltstone			2490	2600	
Sandy Siltstone			2600	2700	
Sandy Siltstone			2700	2800	
Sandy Siltstone			2800	2900	
Siltstone			2900	3500	
Siltstone & Sandy Siltstone			3500	4000	
Shale			4000	4500	
Shale			4500	4905	

(Attach separate sheets as necessary)

Rimrock Production Corporation  
Well Operator

By: Kay E. McKimmie - Agent

Date: October 18, 1982

04/19/2024

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."



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IV-35 (Rev 8-81)

NOV 5 - 1982

Date October 18, 1982
Operator's Well No. #1
Farm HEDRICK
API No. 47 - 085 - 5709

OIL AND GAS DIVISION WV DEPARTMENT OF MINES State of West Virginia
Department of Mines
Oil and Gas Division

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1058 Watershed Bear Run
District: Grant County Ritchie Quadrangle Schultz 7.5'

COMPANY Rimrock Production Corporation

ADDRESS 4424 "B" Emerson Ave. Parkersburg, WV

DESIGNATED AGENT Robert L. Murdock

ADDRESS 4424 "B" Emerson Ave. Parkersburg, WV

SURFACE OWNER Merrill G. Hedrick

ADDRESS Rt. #1 Box 194, Cairo, WV 26337

MINERAL RIGHTS OWNER Merrill G. Hedrick

ADDRESS (Above)

OIL AND GAS INSPECTOR FOR THIS WORK Deo

Mace ADDRESS Rt. #1 Box 5, Sandridge, WV

PERMIT ISSUED

DRILLING COMMENCED August 28, 1982

DRILLING COMPLETED September 3, 1982

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, 11 3/4, 13-10, 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 2450' - 4740' feet

Depth of completed well 4900' feet Rotary X / Cable Tools

Water strata depth: Fresh 258' feet; Salt 508' feet

Coal seam depths: Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth feet

Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Bbl/d

Final open flow 87 Mcf/d Oil: Final open flow 29 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 04/19/2024 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)

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. 85-5709

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

Company Rimrock Prod. Corp.

Address \_\_\_\_\_

Farm Merrill G. Hedrick

Well No. Hedrick # 1

District Grant County Ritchie

Drilling commenced 8-28-82

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 \_\_\_\_\_ 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 Kennedy Drennen / Willard Spence / A.P. Collins

Remarks: F.W.A. Rig 23 - tool Pusher Rainwater

Ran 966' of 8 5/8 casing used 300 sacks cement cemented by Halliburton

8-30-82  
DATE

Samuel M. Heroman 04/19/2024  
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: \_\_\_\_\_

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

04/19/2024  
DISTRICT WELL INSPECTOR

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OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

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

INSPECTOR'S WELL REPORT

Permit No. 85-5709

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

Company Rimrock Prod. Corp.  
 Address \_\_\_\_\_  
 Farm Merrill G. Hedrick  
 Well No. Hedrick # 1  
 District Grant County Pit  
 Drilling commenced 8-28-82  
 Drilling completed 9-2-82 Total depth 4900  
 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 3/4			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 Kennedy Drennen / Willard Spence / A. P. Collins  
 F.W.A. Rig # 23 Tool Pusher  
 Remarks: Rainwater

Finished well  
T.D. at 4900'

9-2-82  
 DATE

Samuel M. Neuman 04/19/2024  
 DISTRICT WELL INSPECTOR

Form 26  
2/16/82

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

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MAY 19 1982  
DIVISION OF MINES  
STATE OF WEST VIRGINIA

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

**04/19/2024**  
DISTRICT WELL INSPECTOR

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

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APR 25 1983

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5709

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

Company Rimrock Production Corp.

Address \_\_\_\_\_

Farm Hedrick

Well No. 1

District Grant County Ritchie

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 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 \_\_\_\_\_

Remarks: Final Inspection OK to Release

4-18-83  
DATE

Samuel N. [Signature] 04/19/2024  
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: \_\_\_\_\_

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

DISTRICT WELL INSPECTOR  
04/19/2024



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

WALTER N. MILLER  
DIRECTOR

THEODORE M. STREIT  
ADMINISTRATOR

May 9, 1983

Rimrock Production Corporation  
4424 Emerson Avenue  
Parkersburg, W. Va. 26101

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-5455-FRAC.	E. C. Curry, #1	Union
RIT-5469	Olin D. Baker/Lettie M. Baker #1	Clay
RIT-5516-REFRAC.	Walter A. Crane Heirs, #1	Union
RIT-5590	Freda & Leonard Byrd, #1	Union
RIT-5611	Martin Corbin, et al, #1	Grant
RIT-5680	Walter A. Crane Heirs, "A" #1	Union
RIT-5685	Grace Cox, et al, #1	Union
RIT-5698	Carl Dotson, #1	Grant
RIT-5709	Merrill G. Hedrick, #1	Grant
RIT-5711	Merrill G. Hedrick, #2	Grant
RIT-5718	Elsie Cameron, Agent, #1	Union
RIT-5720	Cecil C. Gardner, #1	Grant
RIT-5752	Emmett Moyers, #1	Grant
RIT-5844	Arrahwanna Pifer, #1	Grant
RIT-5845	Floyd Pifer, et al, #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

TMS/

04/19/2024



**U.S. DEPARTMENT OF ENERGY**  
Federal Energy Regulatory Commission  
Washington, D.C. 20426

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL  
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**  
(Sections 102, 103, 107 and 108)

**PLEASE READ BEFORE COMPLETING THIS FORM:**

General Instructions:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 270.103. If there are any questions, call (202) 275-4539.

Specific Instructions for Item 2.0, Type of Determination:

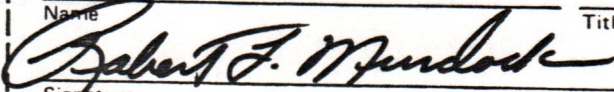
<u>Section of NGPA</u>	<u>Category Code</u>	<u>Description</u>
102	1	New OCS Lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1,000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS Lease
103	-	New onshore production well
107	-	High cost natural gas
108	-	Stripper well

Other Purchasers/Contracts:

<u>Contract Date</u> (Mo. Day Yr.)	<u>Purchaser</u>	<u>Buyer Code</u>
_____	Columbia Gas Transmission	004030
_____	P.O. Box 1273	_____
_____	Charleston, WV 25325	_____

Remarks:

04/19/2024

1.0 API well number: (If not available, leave blank. 14 digits.)	47-085-5709			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	107 Section of NGPA	High Cost Natural Gas Category Code		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	4740' feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Rimrock Production Corporation Name 4424 "B" Emerson Ave. Seller Code Street Parkersburg, WV 26104 City State Zip Code			
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Bear Run Field Name County State			
(b) For OCS wells:	Area Name Block Number Date of Lease: Mo. Day Yr. OCS Lease Number			
(c) Name and identification number of this well: (35 letters and digits maximum.)	Hedrick #1			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Columbia Gas Transmission Name	004030 Buyer Code		
(b) Date of the contract:	Mo. Day Yr.			
(c) Estimated <del>gross</del> production: Daily	40 MMcf. Daily			
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	---	---	---	---
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	---	---	---	---
9.0 Person responsible for this application:	Robert L. Murcock President Name Title  Signature October 18, 1982 428-1520 Date Application is Completed Phone Number			
Agency Use Only Date Received by Juris. Agency OCT 22 1982 Date Received by FERC				

PARTICIPANTS:

DATE: FEB 10 1983

BUYER-SELLER CODE

WELL OPERATOR: Rimrock Production Corp.

FIRST PURCHASER: Columbia Gas Trans.

OTHER:

FEB 10 1983

004030

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER
821022-107-085-5709
Use Above File Number on all Communications
Relating to Determination of this Well

4.4% > 5%

Rejected

REJECTED

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121 [check] Items not completed - Line No. All 7.0 + 8.0
2. IV-1 Agent [check] Robert L. Murdock
3. IV-2 Well Permit
4. IV-6 Well Plat [check]
5. IV-35 Well Record [check] Drilling [check] Deepening
6. IV-36 Gas-Oil Test: Gas Only Was Oil Produced? Ratio
7. IV-39 Annual Production years
8. IV-40 90 day Production Days off line:
9. IV-48 Application for certification. Complete? [check]
10-17. IV Form 51 - 52 - 53 - 54 (55) - 56 - 57 - 58 Complete? [check] Affidavit Signed [check]
18-28. Other: Survey Logs Geological Charts
Structure Map 1: 4000 Map Well Tabulations
Gas Analyses
(5) Date commenced: 8-28-82 Date completed 9-3-82 Deepened
(5) Production Depth: 2450-4740
(5) Production Formation: Deronian Shale
(5) Final Open Flow: 87 MCF
(5) After Frac. R. P. 500# 24hrs.
(6) Other Gas Test:
(7) Avg. Daily Gas from Annual Production:
(8) Avg. Daily Gas from 90-day ending w/1-120 days
(8) Line Pressure: PSIG from Daily Rg:
(5) Oil Production: From Completion Report
10-17. Does lease inventory indicate enhanced recovery being done No
10-17. Is affidavit signed? [check] Notarized? [check]
Does official well record with the Department confirm the submitted information? yes
Additional information Does computer program confirm?
Was Determination Objected to By Whom?

04/19/2024

TB

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's  
Well No. Hedrick #1

API Well No.

47 - 085 - 5709  
State County Permit

WELL CLASSIFICATION FORM

HIGH COST GAS WELL - DEVONIAN SHALE

NGPA Section 107

DESIGNATED AGENT Robert L. Murdock

ADDRESS 4424 "B" Emerson Ave.

Parkersburg, WV 26104

LOCATION Elevation 1058'

Watershed Bear Run

Dist. Grant County Ritchie Quad. Schultz 7.5'

Gas Purchase

Contract No. \_\_\_\_\_

Meter Chart Code \_\_\_\_\_

Date of Contract \_\_\_\_\_

WELL OPERATOR Rimrock Production Corp.

ADDRESS 4424 "B" Emerson Ave.

Parkersburg, WV 26104

GAS PURCHASER Columbia Gas Transmission

ADDRESS P.O. Box 1273

Charleston, WV 25325

\* \* \* \* \*

Date surface drilling began: August 28, 1982

Indicate the bottom hole pressure of the well and explain how this was calculated.

AFFIDAVIT

I, Robert L. Murdock, having been first sworn according to law, state that I have calculated the percentage of footage of the producing interval which is not Devonian Shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described in subparagraph (3)(i) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.

Robert L. Murdock

STATE OF WEST VIRGINIA

COUNTY OF Wood, TO-WIT:

I, Lucile R. Hamilton, a Notary Public in and for the state and county aforesaid, do certify that Robert L. Murdock, whose name is signed to the writing above, bearing date the 18<sup>th</sup> day of October, 1982, has acknowledged the same before me, in my county aforesaid.

04/19/2024

Given under my hand and official seal this 20<sup>th</sup> day of October, 1982.  
My term of office expires on the 3<sup>rd</sup> day of October, 1989.

(NOTARIAL SEAL)

Lucile R. Hamilton  
Notary Public  
Commissioned as Doher

M.L.S. 6/23/82

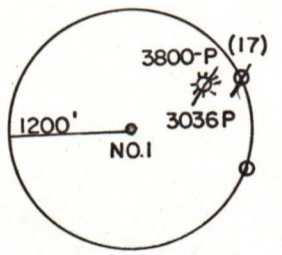
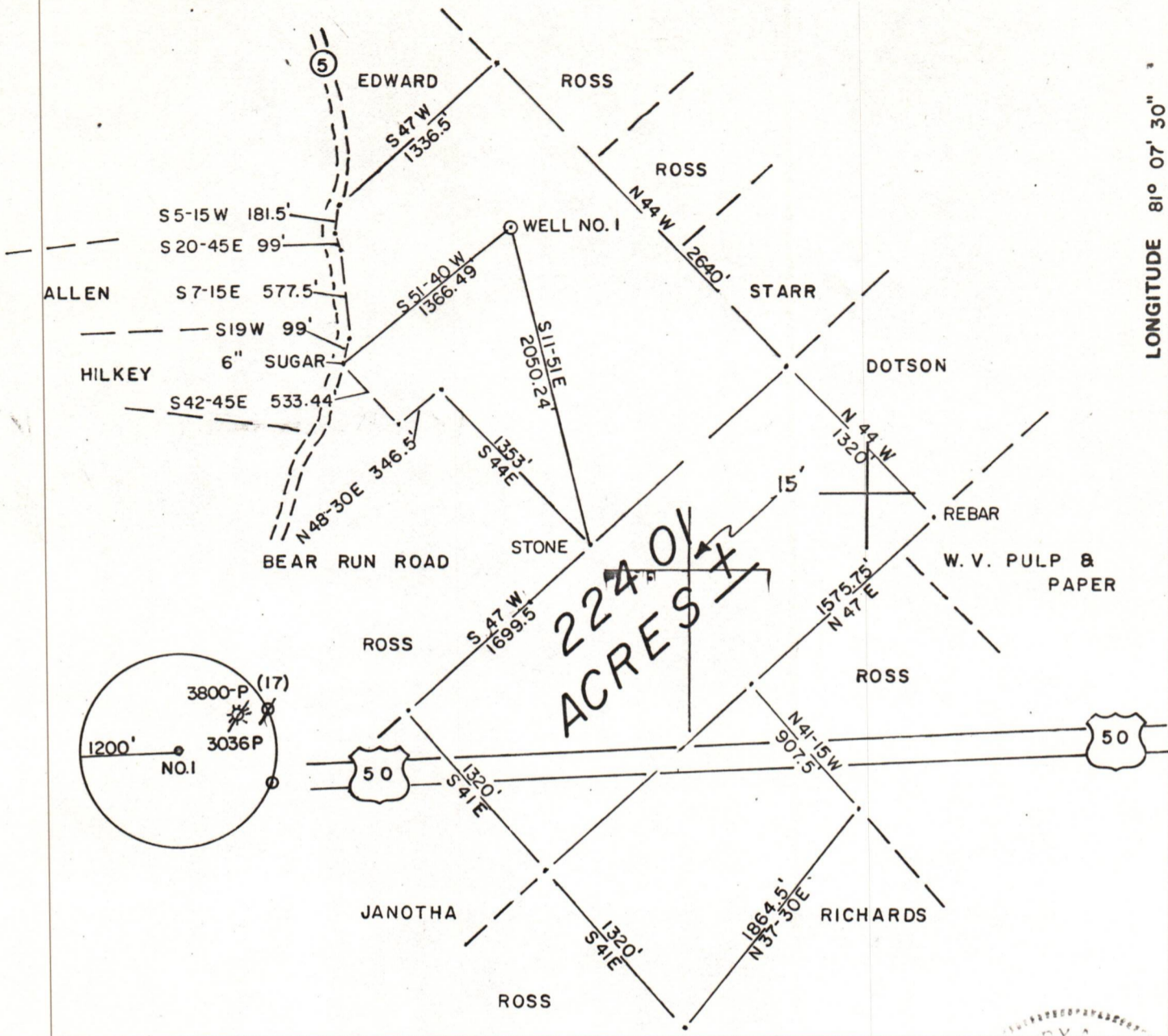
LATITUDE 39° 17' 30"

# HEDRICK LEASE WELL NO. 1

LONGITUDE 81° 07' 30"

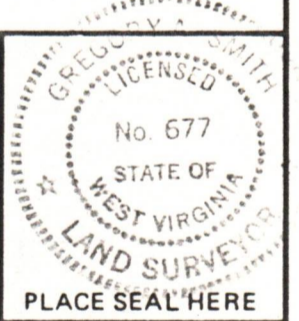
7425'

NORTH



FILE NO. 7-54  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION TOP OF KNOB  
 ELEV. 1148'

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) Gregory A. Smith  
 R.P.E. \_\_\_\_\_ L.L.S. 677



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



DATE JUNE 9, 19 82  
 OPERATOR'S WELL NO. 1  
 API WELL NO. \_\_\_\_\_  
47 - 085 - 5709  
 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 X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 1058' WATER SHED BEAR RUN  
 DISTRICT GRANT COUNTY RITCHIE  
 QUADRANGLE SCHULTZ 75'  
 SURFACE OWNER MERRILL G. HEDRICK ACREAGE 103.25  
 OIL & GAS ROYALTY OWNER MERRILL G. HEDRICK LEASE ACREAGE 224.01  
 LEASE NO. \_\_\_\_\_

04/19/2024

PROPOSED WORK: DRILL X 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 ESTIMATED DEPTH 4250'  
 WELL OPERATOR RIMROCK PRODUCTION CORP. DESIGNATED AGENT ROBERT L. MURDOCK  
 ADDRESS 4424 B. EMERSON AVENUE ADDRESS 4424 B. EMERSON AVENUE  
PARKERSBURG, W. V. 26101 PARKERSBURG, W. V. 26101