



Date: June 3, 19 82

Operator's Well No. Crane 'B' #2

API Well No. 47 085 5687

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: 932' Watershed: Slab Creek  
District: Union County: Ritchie Quadrangle: Pullman 7.5

WELL OPERATOR Rimrock Production Corp. DESIGNATED AGENT Robert L. Murdock  
Address 4424 B Emerson Ave. Address 4424 B Emerson Ave.  
Parkersburg, W.Va. 26104 Parkersburg, W.Va. 26104

OIL & GAS ROYALTY OWNER Walter A. Crane Heirs COAL OPERATOR none  
Address 212 E. Pierpoint St. Address \_\_\_\_\_  
Harrisville, W.Va. 26362

ACREAGE 65 COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name none  
Address \_\_\_\_\_  
Name \_\_\_\_\_ JUN - 3 1982  
Address \_\_\_\_\_ OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

FIELD SALE (IF MADE) TO:  
Address unknown

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

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed \_\_\_\_\_ / lease \_\_\_\_\_  
other contract Assignment x / dated May 27, 19 82, to the undersigned well operator from North Hills  
Investment Co.

(If said deed, lease, or other contract has been recorded:)  
Recorded on May 27, 19 82, in the office of the Clerk of the County Commission of Ritchie County, West  
Va., in Lease Book 144 at page 280. 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

08/18/2023  
Rimrock Production Corp  
Well Operator  
By Alison Crane  
Its Agent

**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, EIK

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

Approximate water strata depths: Fresh, 150,82 feet; salt, 0,232 feet.

Approximate coal seam depths: 0 Is coal being mined in the area? Yes \_\_\_\_\_ / No X /

**CASING AND TUBING PROGRAM**

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor	1 3/4	CW	45#	X		200'	200'	CTS	Kinds
Fresh Water	8 5/8	ERW	23#	X		1200	1200	350sks.	Baker
Coal									Sizes
Intermediate									
Production	4 1/2	ERW	10.5#	X		0	5500	750sks.	Depths set 4000'
Tubing	2 3/8	CW	4.7#	X		0	4000	0	
Liners									Perforations: est. depth
									Top 3200 Bottom 5300

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** 2-11-83 **,**  
**BY** T. H. H. H.

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 08/18/2023 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 \_\_\_\_\_

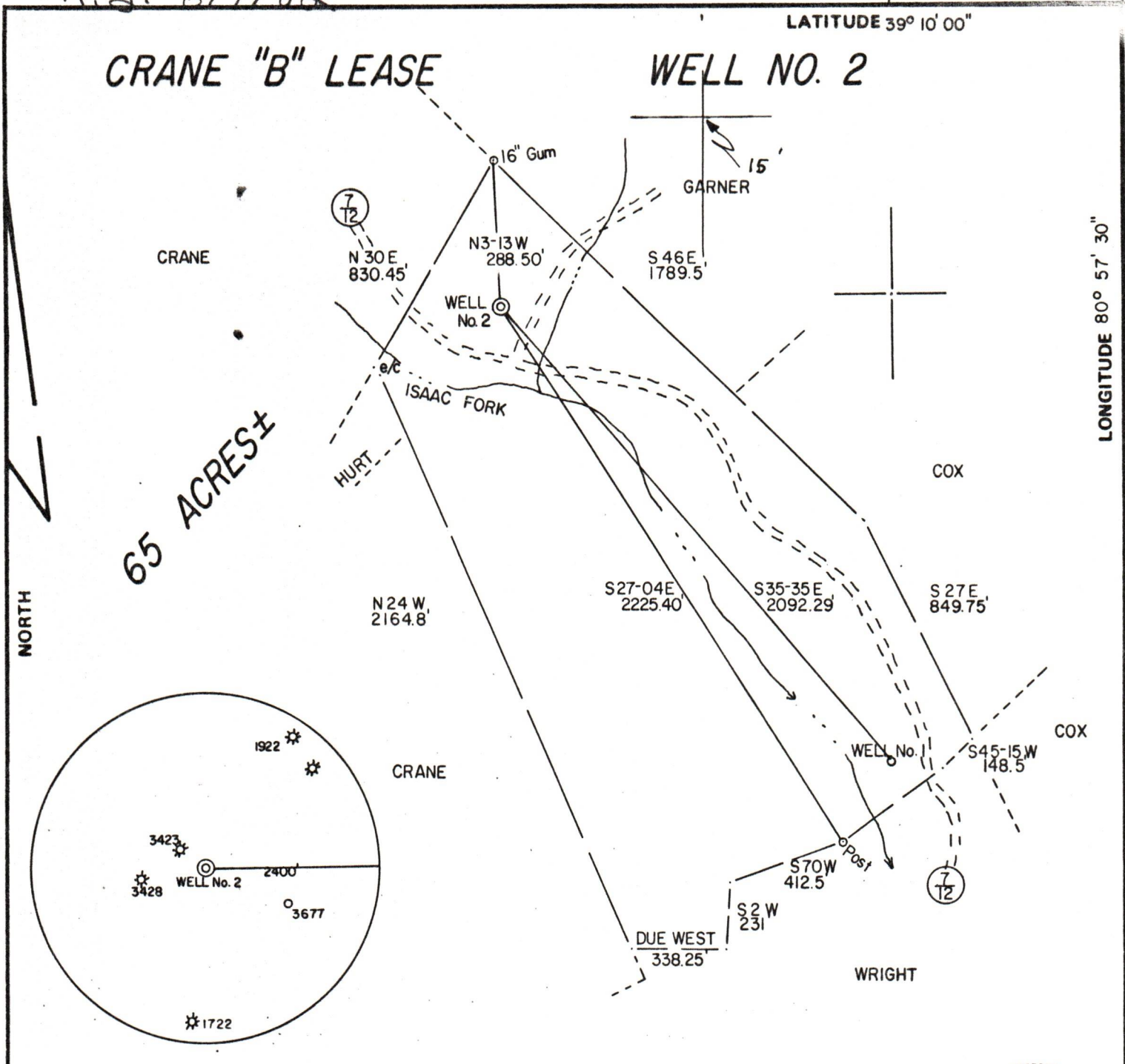
M.S. 6/7/82

3270'

LATITUDE 39° 10' 00"

# CRANE "B" LEASE

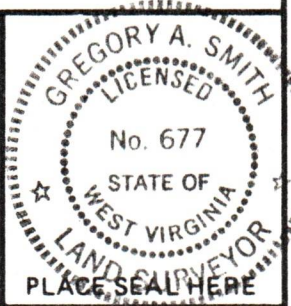
# WELL NO. 2



LONGITUDE 80° 57' 30"

FILE NO. 6-54  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS ELEV. 821'

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 MAY 27, 1982  
 OPERATOR'S WELL NO. 2  
 API WELL NO. \_\_\_\_\_  
47 - 085 - 5687  
 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 X  
 LOCATION: ELEVATION 932' WATER SHED SLAB CREEK  
 DISTRICT UNION COUNTY RITCHIE  
 QUADRANGLE PULLMAN 75'  
 SURFACE OWNER WALTER A. CRANE HEIRS ACREAGE 65  
 OIL & GAS ROYALTY OWNER WALTER A. CRANE HEIRS LEASE ACREAGE 65  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_


08/18/2023


PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION ELK ESTIMATED DEPTH 5125'  
 WELL OPERATOR RIMROCK PRODUCTION CO. DESIGNATED AGENT ROBERT MURDOCK  
 ADDRESS 4424-B EMERSON AVE. ADDRESS 4424-B EMERSON AVE.  
PARKERSBURG, W.V. 26101 PARKERSBURG, W.V. 26101

1895-1118

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

LEGEND










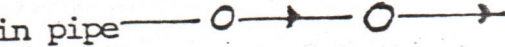


Well Site 

Access Road 

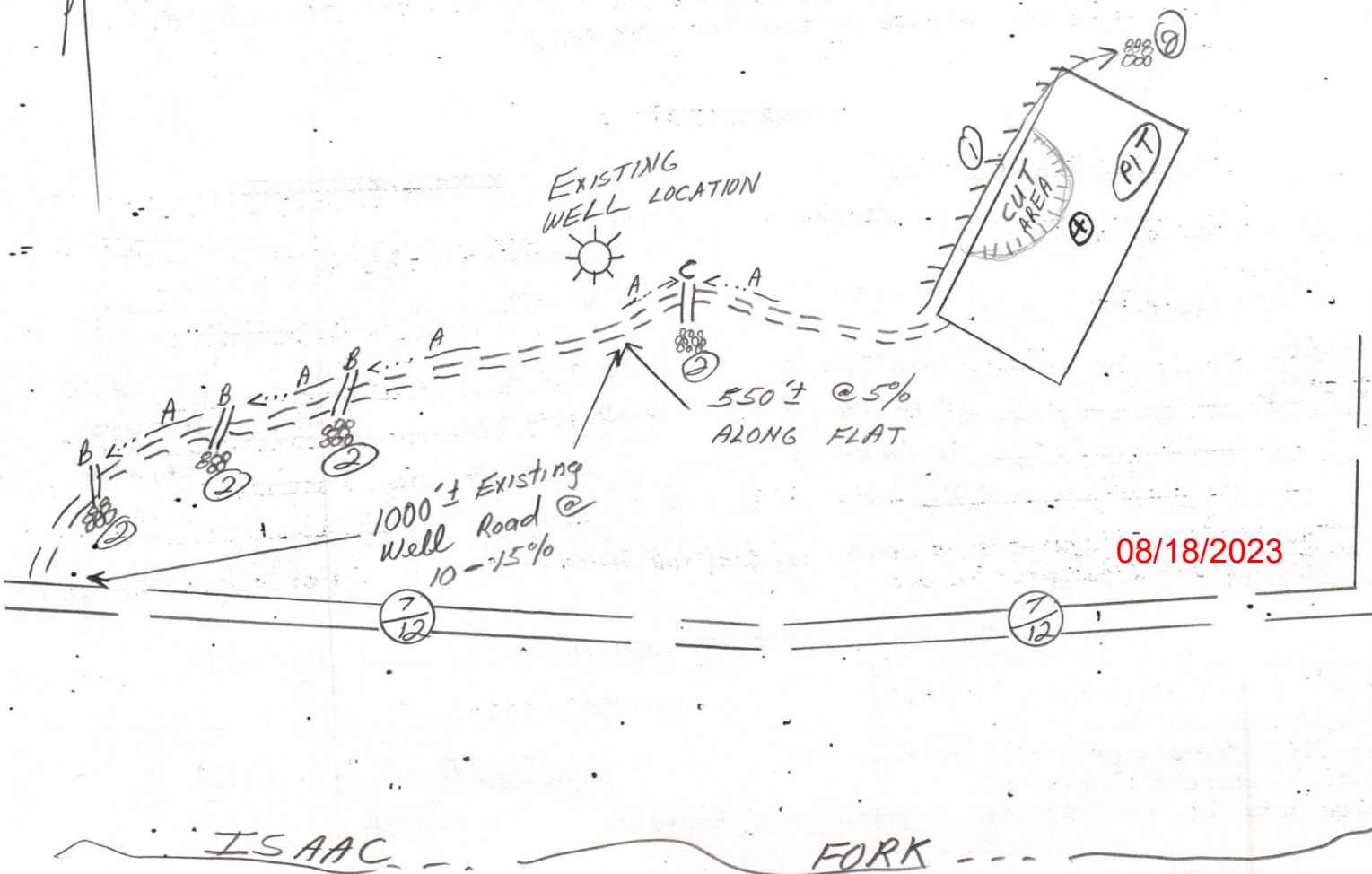
WELL SITE PLAN

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

LEGEND

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

LOCATION TO BE BUILT IN SMALL TIMBER ON FLAT POINT.  
LOCATION IS IN AGREEMENT WITH LANDOWNER.





DATE JUNE 1 1982

WELL NO. CRANE "B" #2

API NO. 47-085-5687

State of West Virginia

Department of Mines

Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME RIMROCK PRODUCTION CORP.

DESIGNATED AGENT ROBERT L. MURDOCK

Address 4424B EMERSON AVE. PARKERSBURG, W.V. Address 4424B EMERSON AVE. PARKERSBURG

Telephone 428-1520

Telephone 428-1520

LANDOWNER WALTER C. CRANE

SOIL CONS. DISTRICT LITTLE KANAWHA

Revegetation to be carried out by RIMROCK PRODUCTION CORP. (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 6-2-82 (Date)

Jarrett Newson (SCD Agent)

ACCESS ROAD

LOCATION

Structure DRAINAGE DITCH
Spacing N/a
Page Ref. Manual 2-12

(A) Structure DIVERSION DITCH (1)
Material EARTHEN
Page Ref. Manual 2-12

Structure CROSS DRAIN
Spacing 100-150
Page Ref. Manual 2-1

(B) Structure SEDIMENT BARRIER (2)
Material BRUSH & SMALL TIMBER
Page Ref. Manual 2-16

Structure CULVERT
Spacing ONE 16"
Page Ref. Manual 2-7

(C) Structure
Material
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 and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I & II

Lime 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 35 lbs/acre
CROWN VETCH 10 lbs/acre

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

\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. 08/18/2023

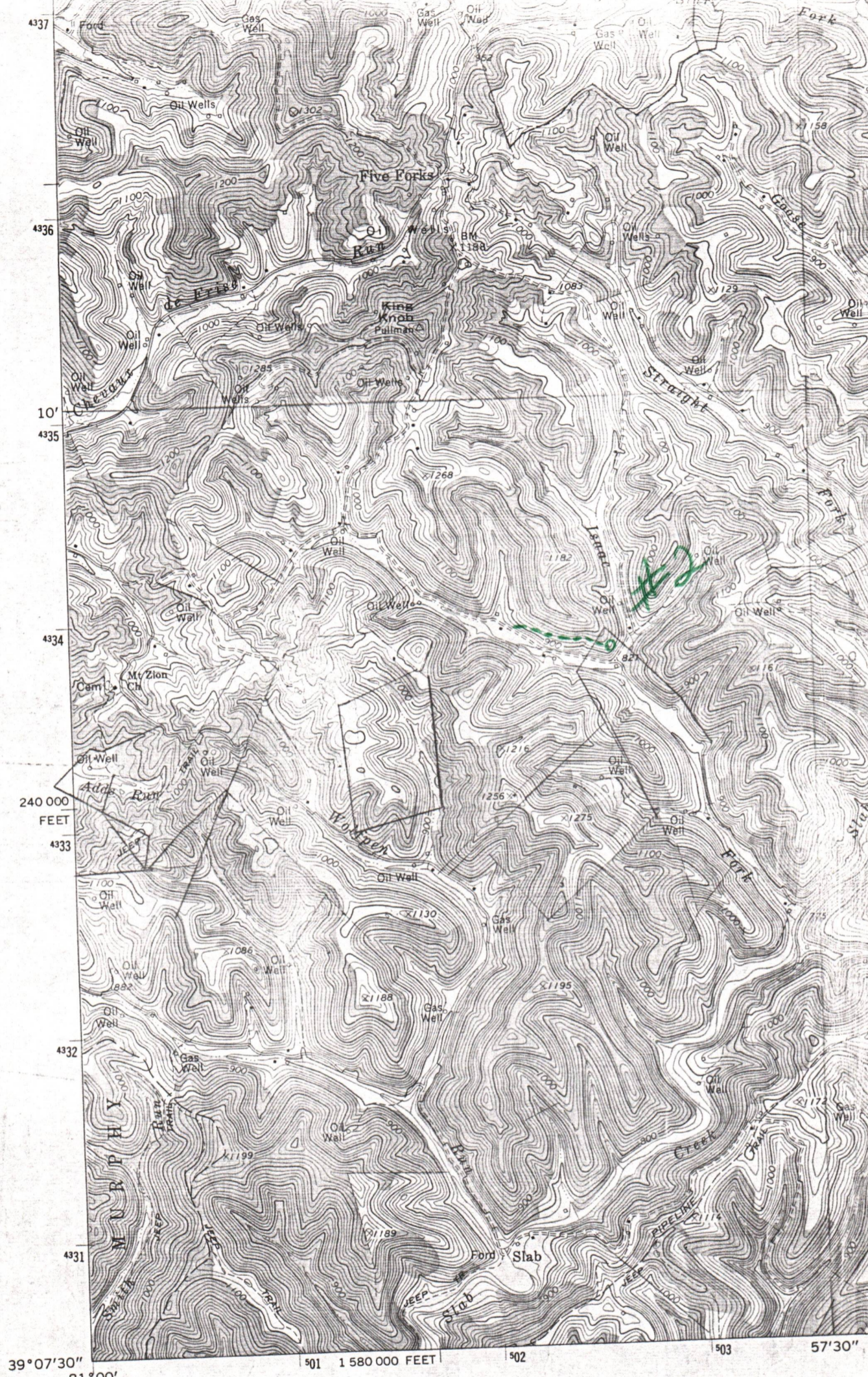
PLAN PREPARED BY SMITH LAND SURVEYING

ADDRESS 111 SOUTH STREET

GLENVILLE W.V. 26351

PHONE NO. 462-5634

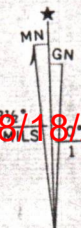
NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.



SMITHVILLE  
4762 II SE

Mapped, edited, and published by the Geological Survey  
 Control by USGS and USC&GS  
 Topography by photogrammetric methods from aerial photographs  
 taken 1962. Field checked 1964  
 Polyconic projection. 1927 North American datum  
 10,000-foot grid based on West Virginia coordinate system, north zone  
 1000-meter Universal Transverse Mercator grid ticks,  
 zone 17, shown in blue  
 Fine red dashed lines indicate selected fence and field lines where  
 generally visible on aerial photographs. This information is unchecked

08/18/2023



UTM GRID AND 1964 MAGNETIC NORTH  
 DECLINATION AT CENTER OF SHEET

STATE OF WEST VIRGINIA

OFFICE OF OIL AND GAS

NOTICE OF EXPIRED PERMIT

Permit number: 47- 85-5687  
Company: RIMROCK PROD COMPANY  
Date: 27-Nov-84  
Date issued: 6/11/82

County: RITCHIE  
Farm: WALTER CRANE HEIRS #2  
Well no.:  
Date expired: / / 0

RECEIVED  
NOV 27 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

I have inspected the above wellsite and found no well work done. Please  
cancel this well work permit.

Signed: Samuel A. Ferman

Date: 1-11-85



State of West Virginia

Department of Mines  
Oil and Gas Division

Charleston 25305  
January 23, 1985

THEODORE M. STREIT  
ADMINISTRATOR

BARTON B. LAY, JR.  
DEPUTY DIRECTOR

Rimrock Production Corporation  
4424-A Emerson Avenue  
Parkersburg, WVa. 26101  
Attn: Robert Murdock;

In Re: Permit No:	<u>085-5687</u>
Farm:	<u>Walter A. Crane Heirs</u>
Well No:	<u>Two</u>
District:	<u>Union</u>
County:	<u>Ritchie</u>
Issued:	<u>6/11/82</u>

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. Only the column checked below applies:

XXXXX The well designated by the above captioned permit number has been released under your Blanket Bond. (PERMIT CANCELLED - NEVER DRILLED)

Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

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

Very truly yours,

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

TMS/ chm

08/18/2023