

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, Alexander

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

Approximate water strata depths: Fresh, 150 feet; salt, _____ feet.

Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____ / No /

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	11 3/4	CW	45	X		250	250	CTS	Kinds
Fresh Water	8 5/8	erw	23	X		1100	1100	350 Sks	Barer
Coal									Sizes
Intermediate									
Production	4 1/2	erw	10.5	X		5500	5500	700 Sks	Depths set 4000
Tubing	2 3/8	CW	4.7	X		0	1000		
Liners									Perforations: est. depth Top <u>2500</u> Bottom <u>540</u>

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 4-12-83.
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

04/12/2024


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 applicable requirements of the West Virginia Code and the governing regulations.


Date: _____, 19 _____

By _____
Its _____

ATTACH OR PHOTOCOPIY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE Schultz 7.5'

LEGEND













Well Site 

Access Road 

WELL SITE PLAN

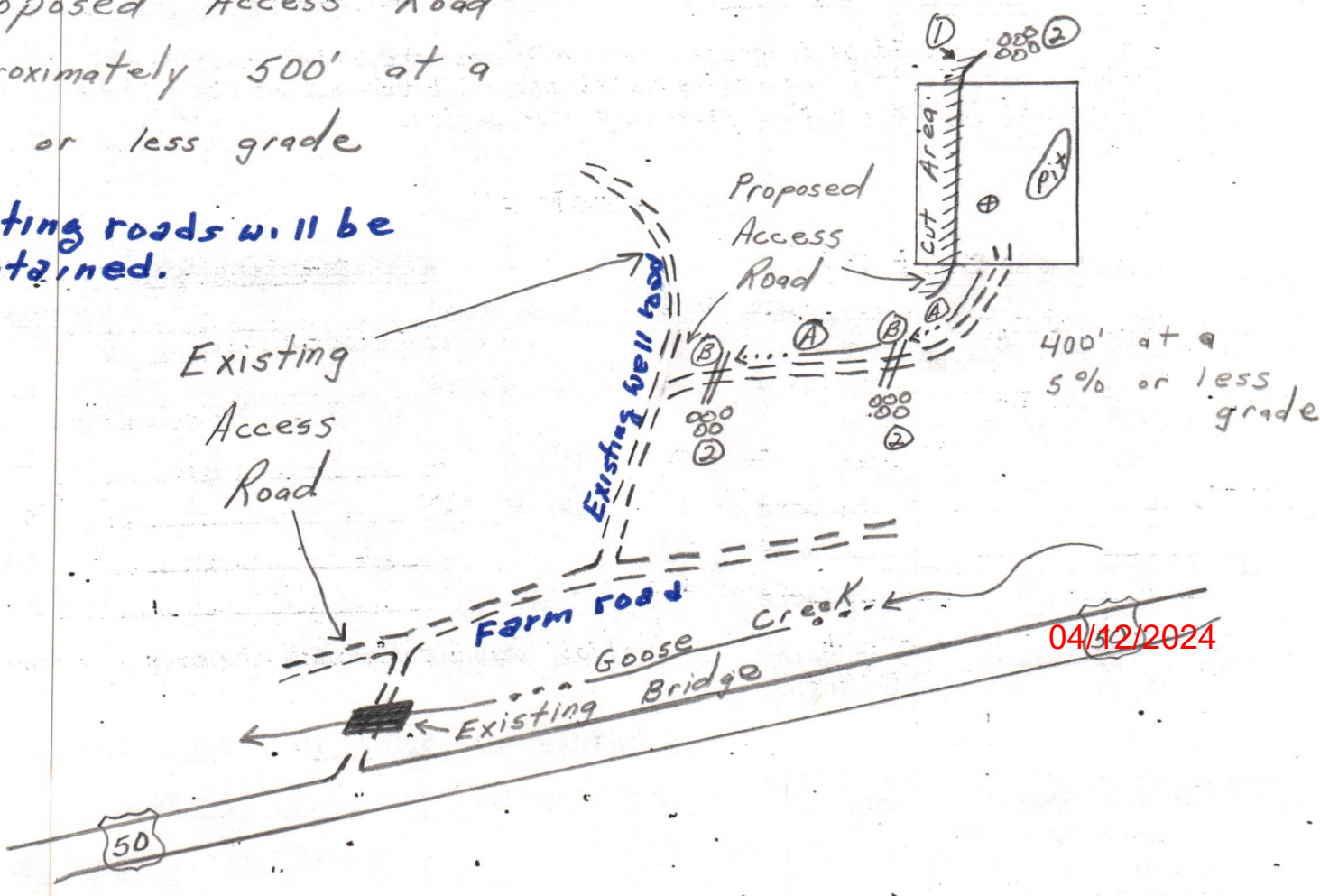
Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

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

*Proposed Access Road
Approximately 500' at a
5% or less grade*

*Existing roads will be
maintained.*



04/12/2024



DATE 23 July 1982

WELL NO. 1 Lowther

State of West Virginia

API NO. 47-085-5806

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, WV Address 4424B Emerson Ave., Parkersburg, WV
Telephone 485-6040 Telephone 485-6040

LANDOWNER Guy Lowther 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: 8-2-82 (Date)

Jarrett Newton
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Drainage Ditch</u> (A)	Structure <u>Diversion Ditch</u> (1)
Spacing <u>NA</u>	Material <u>Earthen</u>
Page Ref. Manual <u>2:12</u>	Page Ref. Manual <u>2:12</u>
Structure <u>Cross Drain</u> (B)	Structure <u>Sediment Barrier</u> (2)
Spacing <u>135'</u>	Material <u>Stone or logs</u>
Page Ref. Manual <u>2-1</u>	Page Ref. Manual <u>2-16</u>
Structure _____ (C)	Structure _____ (3)
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 and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

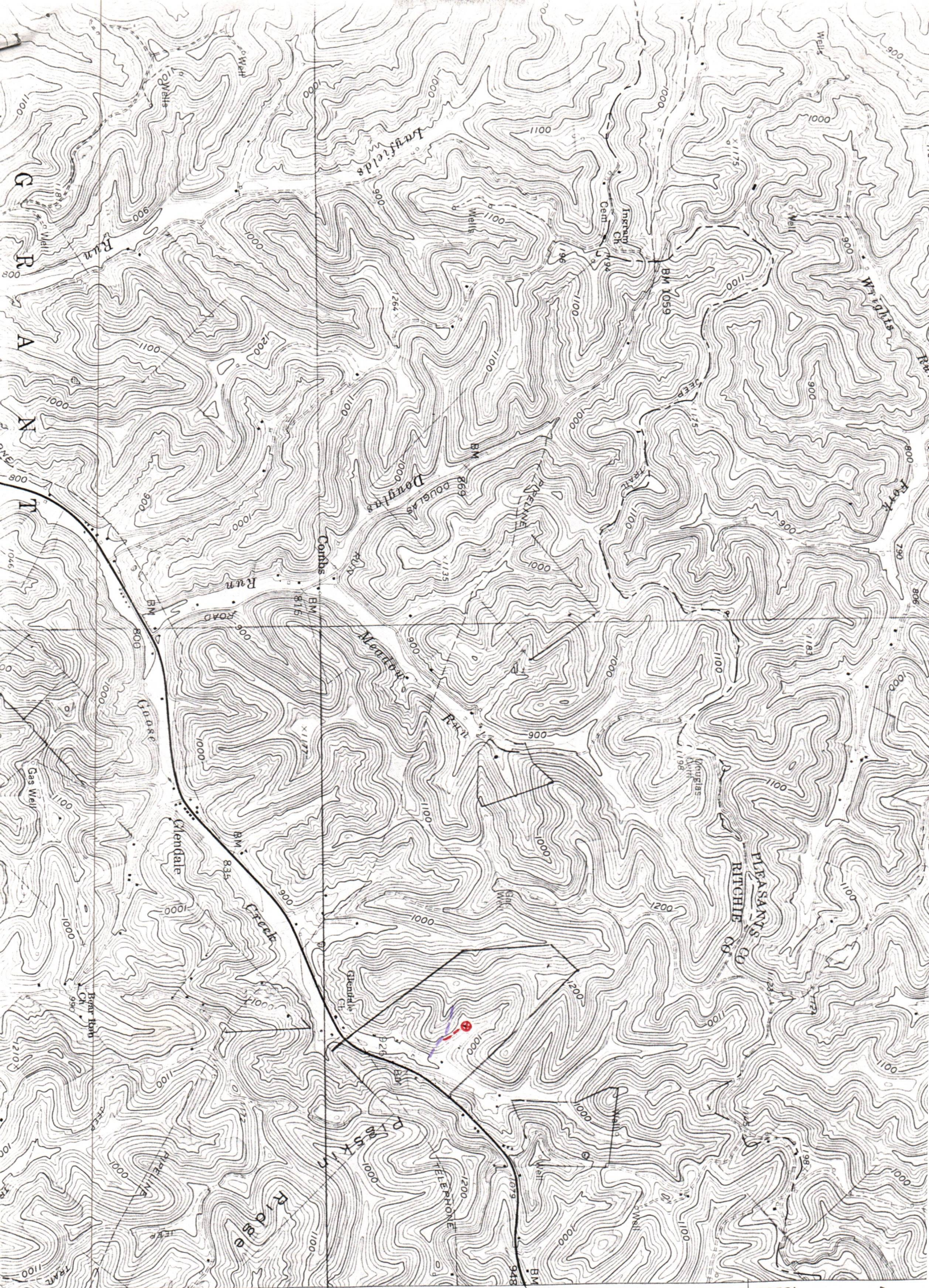
Treatment Area I & II	XXXXXXXXXXXXXXXXXXXX
Lime _____ Tons/acre	Lime _____ Tons/acre
or correct to pH <u>6.5</u>	or correct to pH _____
Fertilizer <u>600</u> lbs/acre	Fertilizer _____ lbs/acre
(10-20-20 or equivalent)	(10-20-20 or equivalent)
Mulch <u>HAY</u> 2 Tons/acre	Mulch _____ Tons/acre
Seed* <u>KY-31</u> 35 lbs/acre	Seed* _____ lbs/acre
<u>Crownvetch</u> 10 lbs/acre	_____ lbs/acre
_____ lbs/acre	_____ lbs/acre

04/12/2024

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

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)
 ELLENBORO 5.6 MI. 4762 | SE

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Schultz
 7.5'

04/12/2024



State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

Per-5806

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.

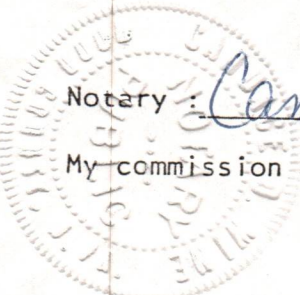
AFFIDAVIT

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 W. Wynn (signed)

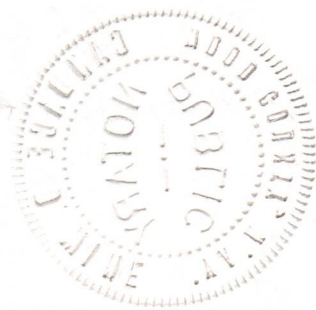
My commission expires October 19, 1991



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OIL & GAS DIVISION DEPT. OF MINES

04/12/2024



04/12/2024

OIL AND GAS LEASE

AGREEMENT, made and entered into this day of March A. D. 19 82
by and between Guy W. Lowther and Betty J. Lowther, his wife

of Ritchie County, West Virginia party of the first part, hereinafter called Lessor (whether one or more),
and Doray Corporation, located in Midland, Texas party of the second part, hereinafter called Lessee;

1. WITNESSETH: That the Lessor, in consideration of the sum of One Dollar, the receipt of which is hereby acknowledged, and the covenants and agreements hereinafter contained, does hereby grant unto the Lessee all of the oil and gas and all of the constituents of either in and under the land hereinafter described, together with the exclusive right to drill for, produce and market oil and gas and their constituents ~~under and under the land hereinafter described, together with the exclusive right to drill for, produce and market oil and gas and their constituents~~ and also the right to enter thereon at all times for the purpose of drilling and operating for oil, gas and water, laying pipe lines, erecting tanks, machinery, powers and structures, and to possess, use, and occupy so much of said premises as is necessary and convenient for said purposes and to convey

the above named products therefrom or thereto by pipe lines or otherwise; said land being situate in Grant District,
County of Ritchie State of West Virginia, and described as follows, to-wit: Bounded on the

NORTH by lands of Alice Scott and W.Va. Pulp and Paper, Co. (Being the same 83.2

EAST by lands of Harry Jones 25, and 22.9 acre t

SOUTH by lands of Dennis Ingram and the Ross Dennis heirs acts designated as

WEST by lands of W.Va. Pulp and Paper Co., Alice Scott and Maheny-Phillips 14.27 and 14.2 tax

Containing one hundred twenty, (120) acres, more or less and being the same land conveyed to lessor by (Less 10. Acres)
by deed dated and

recorded in said county records in Book No. Page

2. It is agreed that this lease shall remain in force for a primary term of one (1) year from this date and as long thereafter as operations for oil or gas are being conducted on the premises, or oil or gas is found in paying quantities thereon, ~~or any formation underlying the herein leased land is used for storage of gas as provided under paragraph 7 hereof.~~

3. The Lessee shall deliver to the credit of the Lessor free of cost, in the pipe line to which he may connect his wells, the equal five parts of all oil produced and saved from the leased premises, and shall pay Lessor a five-thirtyseconds, (5/32nds), free of cost.

for all gas and casing head gas produced and sold from the premises, payable monthly; ~~provided, however, that the royalty at the rate of one percent per year on each gas well while, through lack of market, gas therefrom is not sold or used off the premises, and while said royalty is so paid said well shall be held to be a paying well under paragraph 2 hereof.~~

4. The Lessee shall commence operations for a well on the premises on or before , 1983, unless Lessee pays thereafter a rental of \$10.00 per acre for each twelve (12) months that operations are delayed from the time above mentioned.

The consideration first recited herein, the down payment, shall cover not only the privilege granted to the date when first said rental is payable as aforesaid, but also the Lessee's option of extending that period as aforesaid, and any and all other rights conferred. ~~The drilling of a non-productive well shall be accepted by the Lessor in lieu of delay rental for a period of one year after its completion, and following the cessation or abandonment of all wells the Lessor shall have the right for a period of one year to resume the payment of delay rental or commence operations for another well. Upon the resumption of payment of rentals the provisions hereof governing such payment and the effect thereof shall continue in force as though they had not been interrupted.~~

5. All moneys coming due hereunder shall be paid or tendered to Guy W. Lowther, direct, or by check payable to his (or her) order mailed to Route #1, Box 177, Cairo, W.Va. 26337, and no default shall be declared against the Lessee by the Lessor for failure of the Lessee to make any payment or perform any conditions provided for herein unless the Lessee shall refuse or neglect to pay or perform the same for ten days after having received written notice by registered mail from the Lessor of his intention to declare such default.

6. Lessor reserves free gas for domestic use, to be taken through his own appliances at any producing gas well, and agrees to pay Lessee a fair domestic rate for any gas used in excess thereof. Lessor further covenants and agrees that his taking and use of gas shall be wholly at his own risk, the Lessee not to be held liable for any accident or damage caused thereby, nor shall Lessee be liable for any shortage or failure in the supply of gas for said domestic use.

~~Lessee shall have the right to use any formation underlying the leased premises for the storage of gas and shall have all rights and rights of way necessary to store and produce such stored gas. As full payment for such storage rights, the Lessee shall pay to the Lessor a rental at the rate of per acre per year, while the premises are so used, and so long as the storage payment is made, all provisions of this lease shall remain in full effect.~~

8. Lessor further grants to the Lessee, his heirs and assigns, the right to utilize this lease with other leases to form a drilling unit or units according to the rules and regulations which may be adopted for the proper development and conservation of the field; in the event this lease is so unitized, the Lessor agrees to accept, in lieu of the royalty hereinafter provided, such proportion of the royalty above provided as the acreage covered by this lease bears to the total acreage comprising the unit.

9. If said Lessor owns a less interest in the above described land than the undivided fee simple estate therein, then the royalties and rentals herein provided shall be paid the Lessor only in the proportion which his interest bears to the whole and undivided fee.

10. No well may be drilled nearer than 200 feet to the house or barn now on said premises without the written consent of Lessor. Lessee shall have and enjoy all rights and privileges necessary and convenient for the proper use and development of this lease, and shall have the right to use, free of cost, gas, oil and water produced on said land for its operations thereon, except water from wells of Lessor. Lessee shall also have the right at any time to remove all or any part of the machinery, fixtures or structures placed on said premises, including the right to draw and remove casing. Lessee shall pay for damages caused by its operations to growing crops on said lands, and, when requested by Lessor, shall bury its pipe lines to a low plow depth.

11. The interest or estate of either party hereto may be assigned, the privilege of assigning in whole or in part being expressly allowed. In event this lease shall be assigned as to any part or parts of the above described land and the assignee or assignees of such part or parts shall fail or make default in the payment of the proportionate part of the rents due from him or them, such default shall not operate to defeat or affect this lease insofar as it covers a part or parts of said land upon which the said Lessee or any assignee thereof shall make due payment of said rental. No change of ownership in the land or in the rentals or royalties shall be binding on the Lessee until after notice to the Lessee and it has been furnished with a written transfer or assignment or a certified copy thereof.

12. At any time, Lessee, its successors or assigns, shall have the right to surrender this lease or any part thereof for cancellation, after which all payments and liabilities hereunder thereafter shall cease and determine, and if the whole is surrendered, then this lease shall become absolutely null and void. This surrender may be made to the Lessor, or if more than one Lessor, then to any one of them, or to the heirs or assigns of any one of them by delivery of a duly executed surrender thereof in person or by mail addressed to the post office address of such person, or by recording a duly executed surrender thereof in the records office of the County in which the land is located.

13. Lessor hereby warrants and agrees to defend the title to the land herein described and agrees that the Lessee at its option may pay, discharge or redeem any taxes, mortgages, or other liens existing, levied, or assessed on or against the above described lands, and in event it exercises such option, it shall be subrogated to the rights of any holder or holders thereof and may reimburse itself by applying any royalty or rentals accruing hereunder to the discharge of any such taxes, mortgages or other liens.

14. It is expressly agreed that if the Lessee shall commence drilling operations at any time while this lease is in force, it shall remain in force and its terms continue so long as such operations are prosecuted, and if production results therefrom, then as long as production continues. If after the expiration of the term of this lease production from the leased premises shall cease from any cause, this lease shall not terminate provided Lessee resumes operations within sixty days from such cessation, and this lease shall remain in force during the prosecution of such operations, and, if production results therefrom, then as long as oil or gas is produced in paying quantities.

14A. Lessee, its successors or assigns shall keep, maintain and repair all roadways used by them, and repair all fences and gates used by said party.
14B. Lessee, its successors or assigns agree to produce production records

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DEPT. OF MINES

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OFFICE OF THE
DIRECTOR OF PUBLIC SAFETY

04/12/2024

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

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MAY 3 1983

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

Permit No. 85-5806

Oil or Gas Well
(KIND)

Company Rimrock Prod. Corp.
 Address _____
 Farm Guy Lowther
 Well No. Lowther #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 Cancelled Permit

Remarks: No well drilled or location made
no reclamation necessary - Permit expired
OK to Release

4-29-83
DATE

Samuel N. Heroman 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

May 9, 1983

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

In Re: PERMIT NO: 47-085-5806
FARM: Guy Lowther
WELL NO: 1
DISTRICT: Grant
COUNTY Ritchie

Gentlemen:

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

XXXXXX The well designated by the above 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
Office of Oil & Gas-Dept. Mines

TMS/

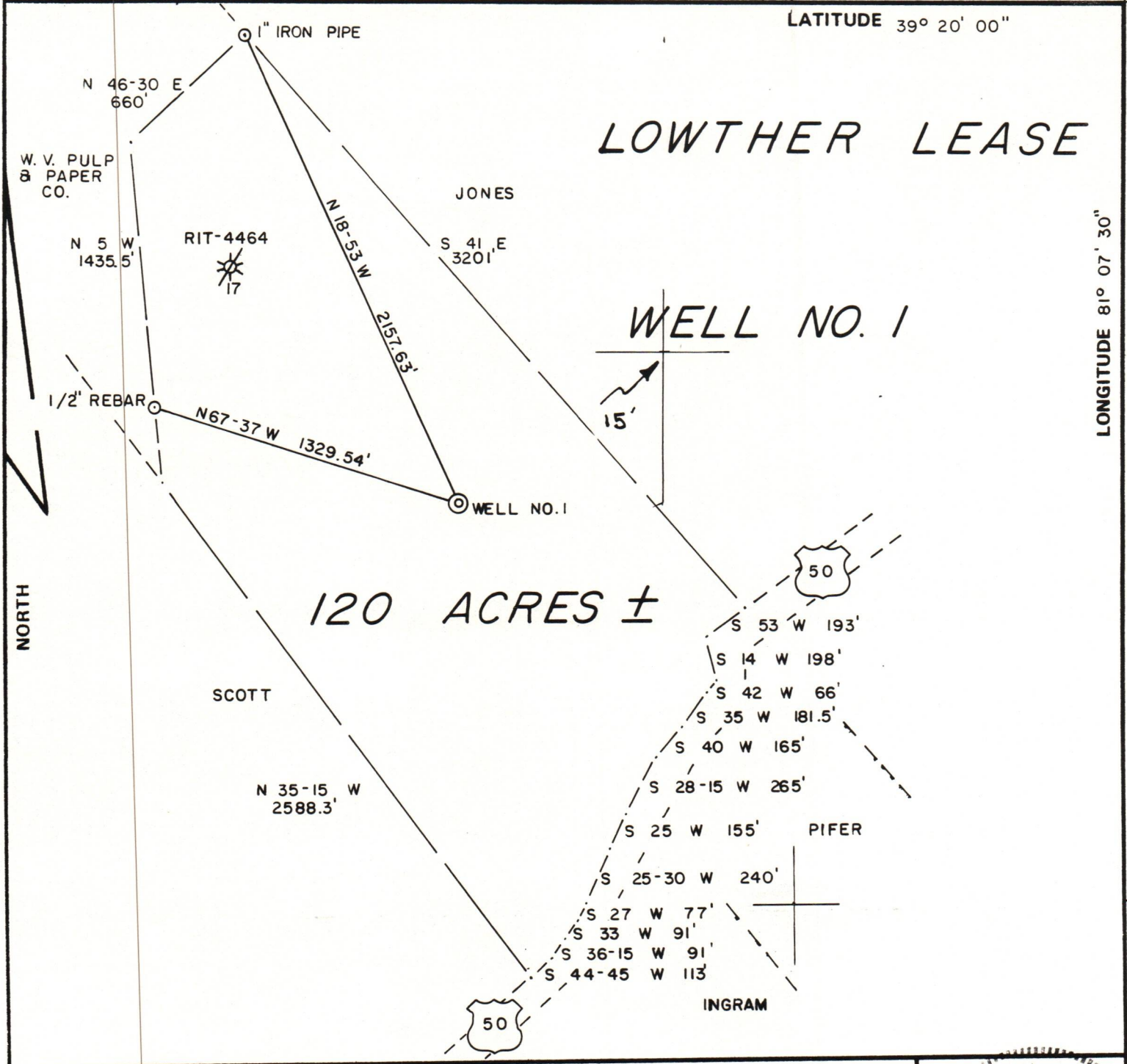
04/12/2024

M.A. 8/11/82

4610'

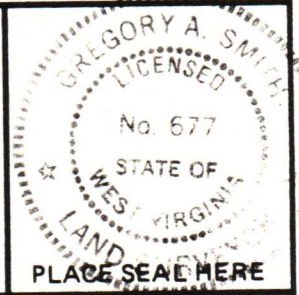
LATITUDE 39° 20' 00"

LONGITUDE 81° 07' 30"



FILE NO. 8 - 14
 DRAWING NO. _____
 SCALE 1" = 600'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION BENCH MARK
ELEV. 926'

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 JULY 19, 1982
 OPERATOR'S WELL NO. 1
 API WELL NO. 47 - 085 - 5806
 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 977' WATER SHED GOOSE CREEK
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE SHULTZ 7.5'
 SURFACE OWNER GUY LOWTHER, et. al. ACREAGE 83.28
 OIL & GAS ROYALTY OWNER GUY LOWTHER LEASE ACREAGE 120 04/12/2024
 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) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ELK ESTIMATED DEPTH 5200'
 WELL OPERATOR RIMROCK PRODUCTION CO. DESIGNATED AGENT ROBERT MURDOCK
 ADDRESS 4424 - A EMERSON AVE. ADDRESS 4424 - A EMERSON AVE
PARKERSBURG, W. V. 26101 PARKERSBURG W.V. 26101