



1) Date: June 2, 19 83
 2) Operator's Well No. 220-3
 3) API Well No. 47 - 87 - 3811
 State County Permit

DRILLING CONTRACTOR:

Unknown

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil X / Gas X /
 B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 882' Watershed: Flat Fork
 District: Harper County: Roane Quadrangle: Walton 7 1/2'
- 6) WELL OPERATOR Key Oil, Inc. 11) DESIGNATED AGENT Joe McLaughlin
 Address P.O. Box 709 Address P.O. Box 709
Spencer, W.Va. 25276 Spencer, W.Va. 25276
- 7) OIL & GAS ROYALTY OWNER Ida Fields Heirs 12) COAL OPERATOR None
 Address Gandeeville, W.V. Address _____
- 8) SURFACE OWNER Robert E. Hargus 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address Gandeeville, W.V. Name None
 Acreage 229 Address _____
 Name _____
 Address _____
- 9) FIELD SALE (IF MADE) TO:
 Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Homer H. Dougherty
 Address Linden Route, Box 3-A
Looneyville, WV 25259
- 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name None
 Address _____
- 15) PROPOSED WORK: Drill X / Drill deeper _____ / Redrill _____ / Fracture or stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, Marcellus Shale
- 17) Estimated depth of completed well, 5700 feet
- 18) Approximate water strata depths: Fresh, 200 feet; salt, 700 feet
- 19) Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No X

RECEIVED
JUN - 8 1983

OIL & GAS DIVISION
DEPT. OF MINES

20) 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									Kinds
Fresh water	9 5/8	H-40	32.3	X		300'	300'	To surface	by rule 15-05
Coal									Sizes
Intermediate	7	J-55	23	X		2,200'	2,200'	To surface	
Production	4 1/2	J-55	10.5	X		5,700'	5,700'	As needed	Depths set
Tubing									
Liners									Perforations: Top Bottom

21) EXTRACTION RIGHTS

Check and provide one of the following:
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

23) Required Copies (See reverse side.)

24) 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.

Notary: Charles T. Mahan
 My Commission Expires November 9, 1992

Signed: Joe McLaughlin
 Its: President

47-087-3811 OFFICE USE ONLY August 10, 1983

DRILLING PERMIT

09/15/2023

Permit number _____ Date _____

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires April 10, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence

Bond: <u>B</u>	Agent: <u>lo</u>	Plat: <u>PL</u>	Casing: <u>PL</u>	Fee: <u>958</u>
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Michael J. Davis
 Administrator, Office of Oil and Gas

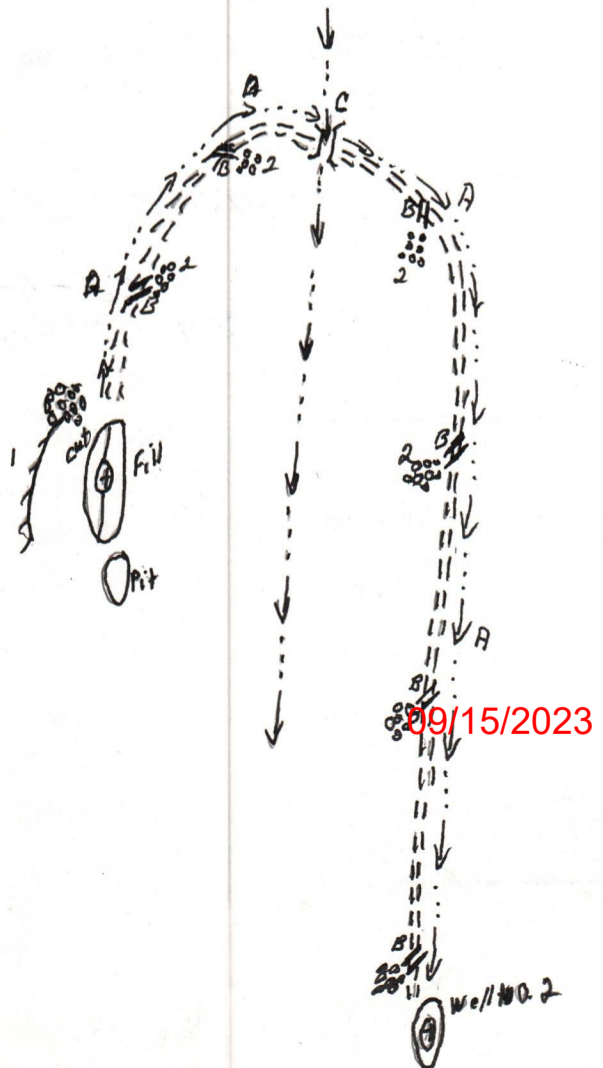
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE _____

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	—▲—▲—▲—▲—▲—▲—
Road	== == == == ==
Existing fence	—x—x—x—x—
Planned fence	—/—/—/—/—/—/—/—/—/—
Stream	~ ~ ~ ~ ~
Open ditch	—>—>—>—>—>—>—>—>—>—
Diversion	//////
Spring	○→
Wet spot	⊙
Building	■
Drain pipe	—○→—○→—○→—○→—
Waterway	⇐ == == == == ==



DATE July 8, 1982
WELL NO. Fields #3
API NO. 47-87-3811



Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

DESIGNATED AGENT Joe McLaughlin

Address P. O. Box, 709, Spencer, W. Va. Telephone 304-927-5490
25276 Telephone 304-927-5490

SOIL CONS. DISTRICT Little Kanawha

Revegetation to be carried out by Key Oil, Inc. (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections

and additions become a part of this plan: 7-9-82

(Date)

(SCD Agent)

ACCESS ROAD

Structure Drainage Ditch (A)

Spacing N/A

Page Ref. Manual 2-12

Structure Cross Drains (B)

Spacing 5% 135' 15% 60'

Page Ref. Manual

Structure Temporary stream crossing (C)

Spacing N/A

Page Ref. Manual 2-20

LOCATION

Structure Diversion Ditch (1)

Material Soil

Page Ref. Manual 2-12

Structure Rip-Rap (2)

Material Stone

Page Ref. Manual N/A

Structure Sediment Barriers (3)

Material Hay Bales

Page Ref. Manual 2-16

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 500 lbs/acre

Mulch Silva fiber Tons/acre

Seed* Orchardgrass 12lbs/acre

Ladina Clover 3lbs/acre

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

Lime Tons/acre

or correct to pH

Fertilizer (10-20-20 or equivalent) lbs/acre

Mulch Tons/acre

Seed* lbs/acre

Lbs/acre

Key Oil, Inc.

PLAN PREPARED BY Doug McDonald

ADDRESS

P. O. Box 709

139 Main Street

Spencer, West Virginia 25276

PHONE NO. 304-927-5490

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

DEPT. OF MINES
GAS DIVISION
JUN - 8 1983

09/15/2023

Well No. 3
Lease No. 220
229 ac.
Walton 7.5'



4661 II NE
(KENTUCKY)

4281

4280

40'

VICARS 0.2 MI

4278

600 000
FEET

4277

4276

38° 37' 30"

81° 30'

457

1 860 000 FEET

458

459

KETTLE 5.5 MI. 27' 30"

09/15/2023

15. This lease embodies the entire contract and agreement between Lessor and Lessee, and no warranties, representations, promises or inducements not herein expressed have been made or relied upon by either party. The terms, conditions and stipulations hereof shall extend to the respective heirs, executors, administrators, successors and assigns of the parties hereto.

Witness the hands and seals of the parties hereto the day and year first above written.

WITNESS:

Bessie Lesher (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL)

WEST VIRGINIA ACKNOWLEDGMENT

STATE OF WEST VIRGINIA

COUNTY OF KANAWHA

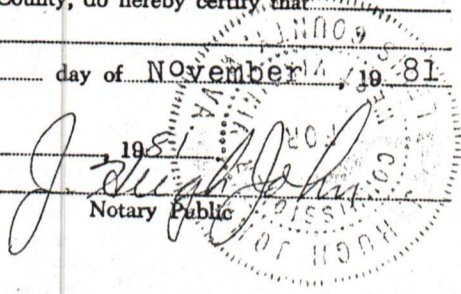
To-wit:

I, J. HUGH JOHN - A COMMISSIONER FOR WVA, a Notary Public of said County, do hereby certify that BESSIE LESHER - A WIDOW

whose name IS signed to the within writing bearing date the 11th day of November, 1981 has this day acknowledged the same before me in my said County.

Given under my hand this 10th day of DECEMBER, 1981

My Commission expires My Commission Expires Jan. 23, 1989



WEST VIRGINIA ACKNOWLEDGMENT

STATE OF WEST VIRGINIA

COUNTY OF _____

To-wit:

I, _____, a Notary Public of said County, do hereby certify that _____

whose name _____ signed to the within writing bearing date the _____ day of _____, 19____ has this day acknowledged the same before me in my said County.

Given under my hand this _____ day of _____, 19____

My Commission expires _____

Notary Public

OHIO ACKNOWLEDGMENT

STATE OF OHIO,

COUNTY OF _____

SS.

Before me, a Notary Public in and for said county, personally appeared the above named _____

that he did sign the foregoing instrument, and that the same is _____ who acknowledged free act and deed. In testimony whereof I have hereunto subscribed my name at _____ this _____

day of _____, 19____

My Commission expires _____

Notary Public

ADMITTED TO RECORD
1981 DEC 10 AM 10:39
GENE M. ASHLEY
ROANE COUNTY CLERK

Term	County	Location	Acres	Date	(Standard)

STATE OF WEST VIRGINIA, ROANE COUNTY COMMISSION CLERK'S OFFICE, 10 December 1981 10:39 A. M.

Book No. 161

09/15/2023

The foregoing instrument together with the certificate thereto annexed, was this date admitted to record in said office.

File No. 11870

GENE M. ASHLEY, Clerk

Fees \$ 4.50

By Caselyn Batten Deputy

BOOK 161 PAGE 650 OIL AND GAS LEASE

AGREEMENT, made and entered into this 11th day of November A. D. 19 81 by and between Bessie Lesher, widow

of Charleston, W. Va. 25302 party of the first part, hereinafter called Lessor (whether one or more), and M&J Joint Venture, a partnership 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 and of storing gas of any kind in any formation underlying the land, 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 Harper District, County of Roane, State of West Virginia, and described as follows, to-wit: Bounded on the

NORTH by lands of Fields and Rhodes

EAST by lands of Smith and Smith

SOUTH by lands of Kiser, Cox and Fields

WEST by lands of Major A. Ferrell

Containing two hundred twenty-nine (229) acres, more or less and being the same land conveyed to lessor by

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 five (5) years 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 one-eighth (1/8) part of all oil produced and saved from the leased premises, and shall pay Lessor Their proportionate share of the equal one-eighth (1/8) part of all gas produced and saved.

for all gas and casing head gas produced and sold from the premises, payable monthly; provided, Lessee shall pay Lessor a royalty at the rate of Fifty Dollars 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 November 11, 1981, unless Lessee pays thereafter a rental of \$5.00 per acre per year for each 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 exhaustion or abandonment of all wells the Lessee 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 Celia F. Epling-Agent direct, or by check payable to his (or her) order mailed to Route 1, Box 97A, Palestine, W. Va. 26160 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 200,000 cubic feet of gas per annum 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.

7. 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 unitize 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 hereinafore recited, 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 below 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.

09/15/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
STATUS INSPECTION REQUEST
INSPECTOR'S COMPLIANCE REPORT

RECEIVED

FEB 13 1985

OIL & GAS DIVISION

DEPT. OF MINES

Permit No. 087-3811 County. Roane
 Company. Key Oil, Inc. Farm. Robert E. Hargus
 Inspector. Homer Dougherty Well No. 220-3
 Date. September 19, 1984 Issued. 8-10-83

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to starting Work	_____	_____
25.04	Prepared before Drilling to prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strength	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to prevent Waste	_____	_____
23.03	Reclaimed Drilling Site	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
7.03	Identification Markings	_____	_____

COMMENTS: Please issue final on cancellation if location is okay. Permit
expired on 4-10-84 and company says well was not drilled.
No work ever done

I have inspected the above well and (Have/Have Not) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas-Department of Mines of the State of West Virginia.

SIGNED: *Homer H. Dougherty*
 DATE: *2/5/85*

09/15/2023



State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 25305

THEODORE M. STREIT
ADMINISTRATOR

BARTON B. LAY, JR.
DEPUTY DIRECTOR

February 14, 1985

Key Oil, Inc.
P.O. Box 709
Spencer, West Virginia 25276

In Re: Permit No: 47-087-3811
Farm: Robert E. Hargus
Well No: 220-3
District: Harper
County: Roane
Issued: 8-10-83

Gentlemen:

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

XXXXXX 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,

[Handwritten signature]

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

TMS/nw

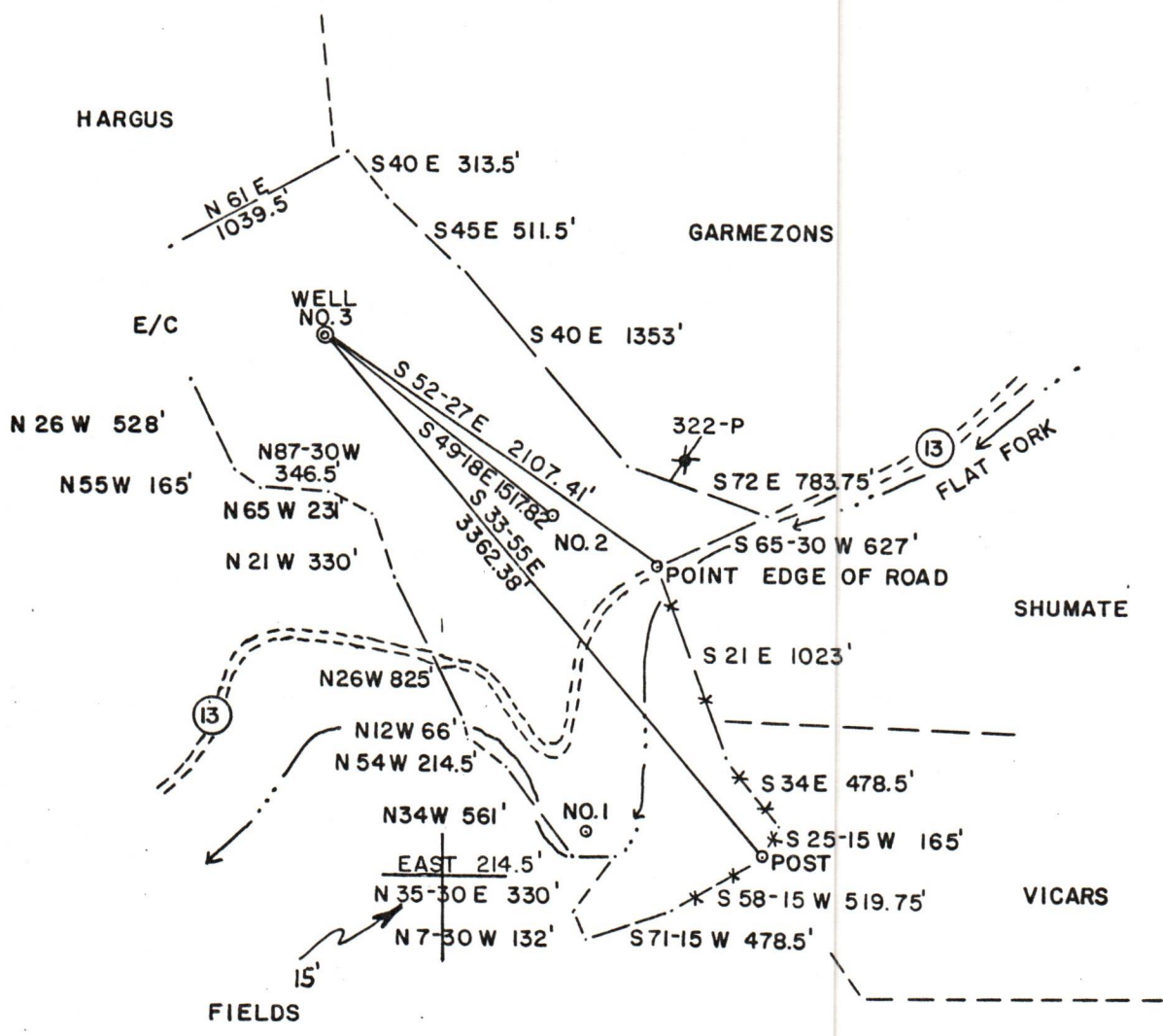
09/15/2023

FIELDS LEASE

WELL NO. 3

NORTH

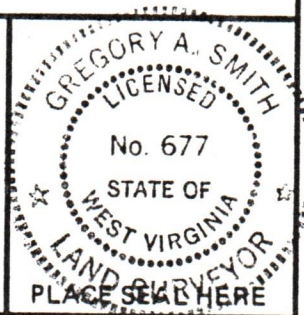
LONGITUDE 81° 27' 30"



229 ACRES ± TOTAL

FILE NO. 7-3
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION B.M. AT ROAD
 ELEV. 742'

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



DATE MARCH 30, 1982
 OPERATOR'S WELL NO. 3
 API WELL NO. _____
47 - 087 - 3811
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

Cancelled

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 882' WATER SHED FLAT FORK
 DISTRICT HARPER COUNTY ROANE
 QUADRANGLE WALTON 7.5

SURFACE OWNER ROMA HARGUS, et. al. ACREAGE 110.25
 OIL & GAS ROYALTY OWNER IDA FIELDS LEASE ACREAGE 229
 LEASE NO. 220

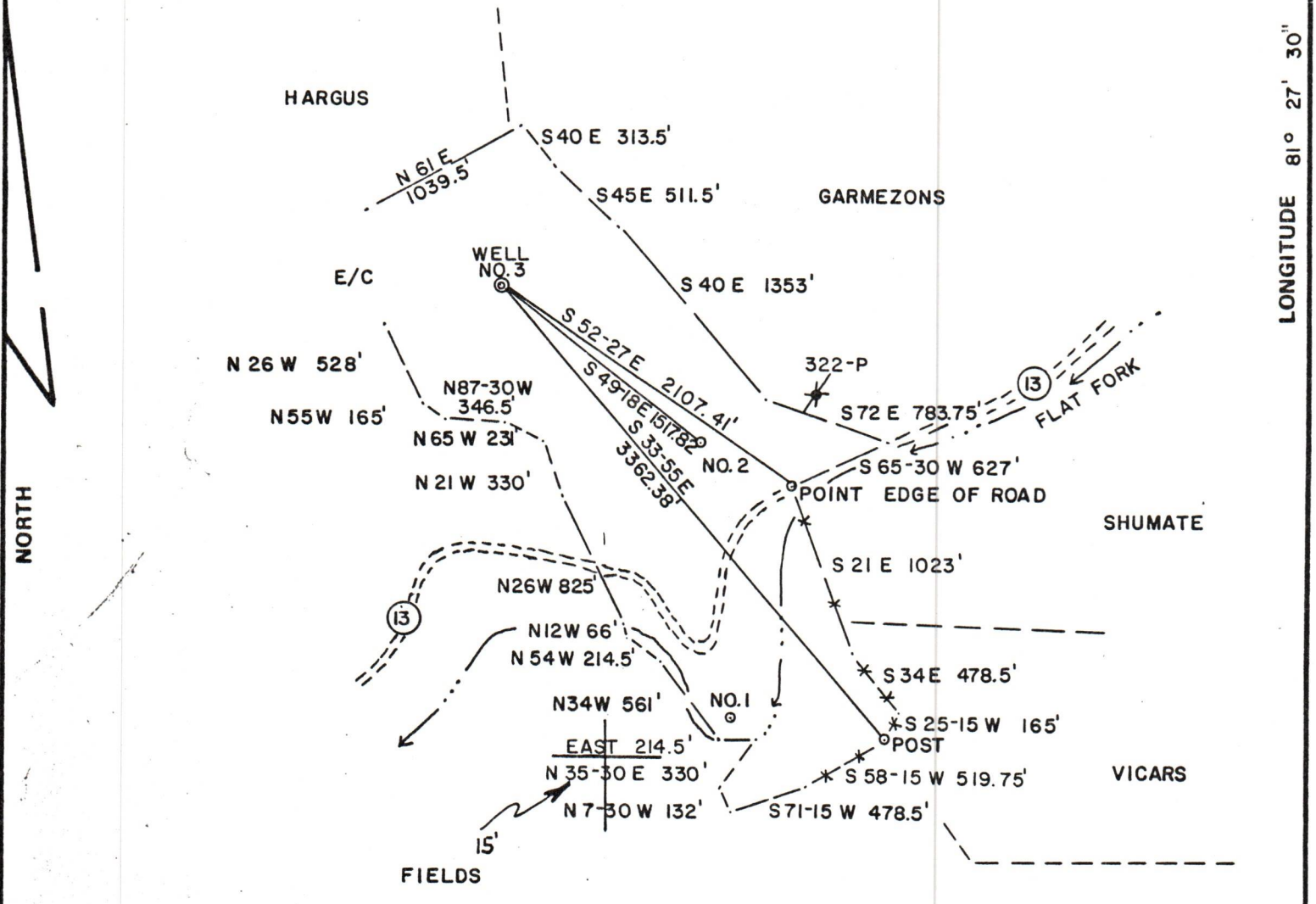
09/15/2023

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 5100'
 WELL OPERATOR KEY OIL COMPANY DESIGNATED AGENT JOE McLAUGHLIN
 ADDRESS P.O. BOX 709 ADDRESS P.O. BOX 709

FIELDS LEASE

WELL NO. 3

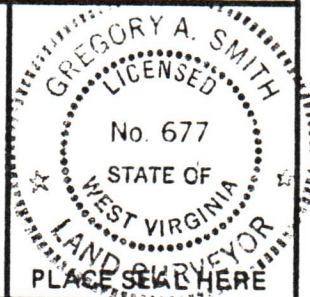


229 ACRES ± TOTAL

FILE NO. 7-3
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION B.M. AT ROAD
ELEV. 742'

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(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)



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE MARCH 30, 19 82
 OPERATOR'S WELL NO. 3
 API WELL NO. _____
47 - 087 - 3811
 STATE COUNTY PERMIT

Cancelled

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 882' WATER SHED FLAT FORK

DISTRICT HARPER COUNTY ROANE

QUADRANGLE WALTON 7.5

SURFACE OWNER ROMA HARGUS, et. al. ACREAGE 110.25

OIL & GAS ROYALTY OWNER IDA FIELDS LEASE ACREAGE 229

LEASE NO. 220

09/15/2023

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 ___

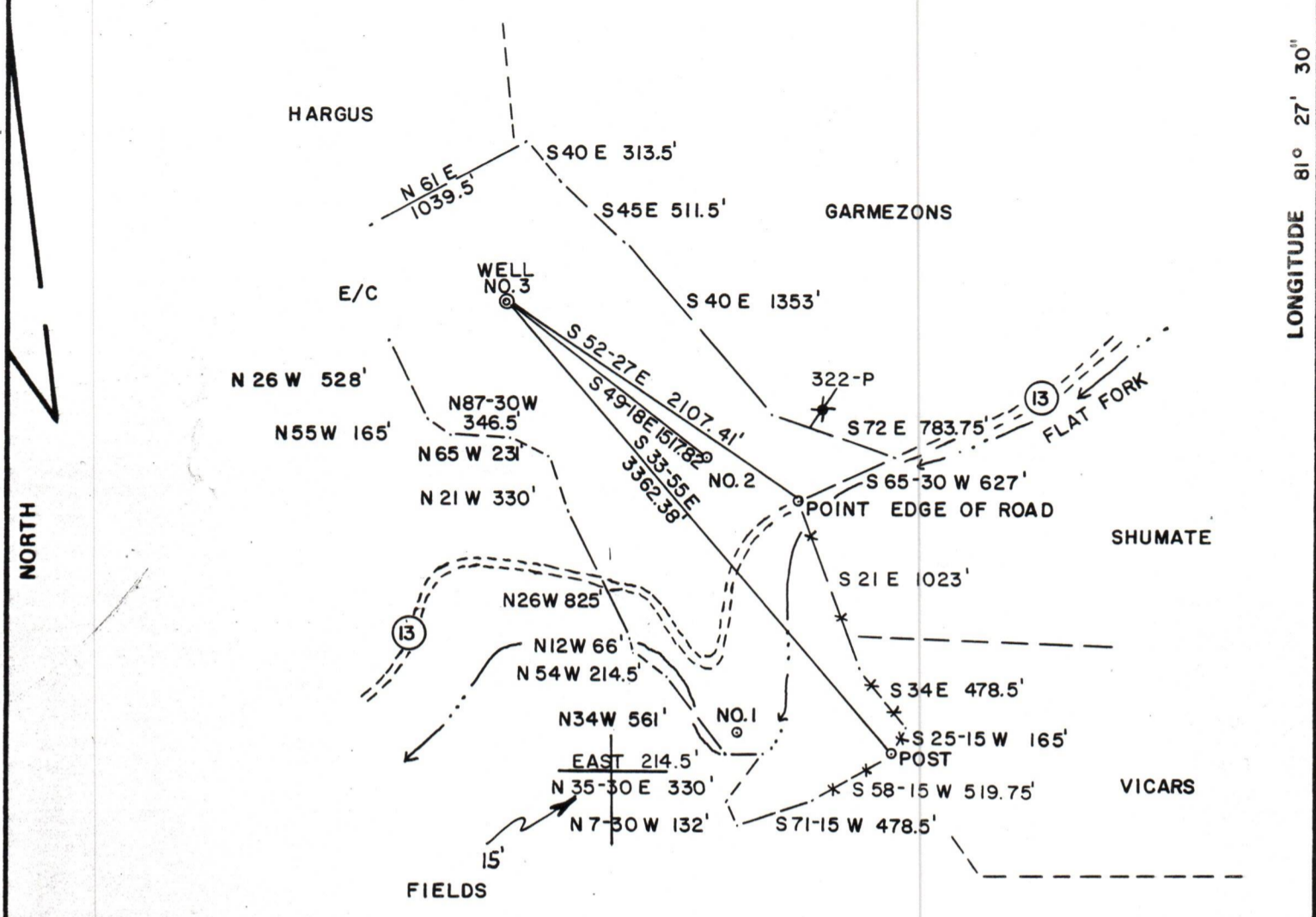
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 5100'

WELL OPERATOR KEY OIL COMPANY DESIGNATED AGENT JOE McLAUGHLIN

ADDRESS P.O. BOX 709 ADDRESS P.O. BOX 709

FIELDS LEASE

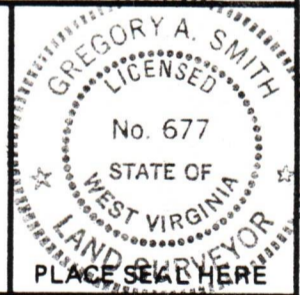
WELL NO. 3



229 ACRES ± TOTAL

FILE NO. 7-3
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION B.M. AT ROAD
ELEV. 742'

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)



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE MARCH 30, 1982
 OPERATOR'S WELL NO. 3
 API WELL NO. _____
47 - 087 - 3811
 STATE COUNTY PERMIT

Cancelled

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 882' WATER SHED FLAT FORK
 DISTRICT HARPER COUNTY ROANE
 QUADRANGLE WALTON 7.5

SURFACE OWNER ROMA HARGUS, et. al. ACREAGE 110.25
 OIL & GAS ROYALTY OWNER IDA FIELDS LEASE ACREAGE 229 **09/15/2023**
 LEASE NO. 220

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 5100'
 WELL OPERATOR KEY OIL COMPANY DESIGNATED AGENT JOE McLAUGHLIN
 ADDRESS P.O. BOX 709 ADDRESS P.O. BOX 709
SPENCER, W. V. 25276 SPENCER, W. V. 25276

ROANE 3811