



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
SEP 10 1982

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE August 27, 1982

Surface Owner Gatha Berry
Address P.O. Box 177, Craigsville, WV 26205
Mineral Owner Same as surface
Address "
Coal Owner "
Address "
Coal Operator None
Address

Company KEY OIL, INC.
Address P. O. Box 709, Spencer, WV 25276
Farm Berry Acres 100
Location (waters) Leatherwood Run
Well No. 4 Elevation 953'
District Harper County Roane
Quadrangle Kentuck 7.5

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 5-27-83
BY [Signature]

INSPECTOR
TO BE NOTIFIED
ADDRESS Homer H. Dougherty
Linden Route, Box 3A
Looneyville, W.Va. 25259
PHONE 927-4591

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated August 26, 1982 by M & J JOINT VENTURE made to KEY OIL, INC. and yet to be recorded.

1982, in _____ County, Book _____ Page _____

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

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

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

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

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

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

Address
of
Well Operator

Very truly yours, KEY OIL, INC.
(Sign Name) [Signature] V.P.
Well Operator
P. O. Box 709
Street
Spencer
City or Town 09/15/2023
West Virginia 25276
State

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

BLANKET BOND



1) Date: June 6, 19 83
 2) Operator's Well No. 649-4
 3) API Well No. 47 - 87 - 3685-RE
 State W.Va. County Roane 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: 953' Watershed: Leatherwood Run
 District: Harper County: Roane Quadrangle: Kentuck 7.5
- 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 Gatha Berry 12) COAL OPERATOR None
 Address P.O. Box 177 Address
Craigsville, W.Va. 26205
- 8) SURFACE OWNER SAME 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Name Name None
 Address Address
 Name Name
 Address Address
- 9) FIELD SALE (IF MADE) TO:
 Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name Homer H. Dougherty Name None
 Address Linden Route, Box 3-A Address
Looneyville, WV 25259
- 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

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JUN - 8 1983

OIL & GAS DIVISION
DEPT. OF MINES

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILLUP 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 Lewis McMichael
 My Commission Expires November 9, 1992

Signed: Joe McLaughlin
 Its: President 09/15/2023

47-087-3685-REN.

OFFICE USE ONLY

August 8, 1983

DRILLING PERMIT

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 8, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>B</u>	Agent: <u>Lo</u>	Plat: <u> </u>	Casing: <u> </u>	Fec: <u>958</u>
----------------	------------------	-----------------------	-------------------------	-----------------

Michael Lewis



A-5

Row-3685

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

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SEP 10 1982

OIL & GAS DIVISION
DEPT. OF MINES

Yes ___ / No X / The right to extract, produce or market the oil or gas is based upon a lease or leases 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 and gas so extracted, produced or marketed.

If the answer to this question is yes, you may use this affidavit.

AFFIDAVIT

I, _____ (the above designated owner or operator, or authorized representative thereof), after being duly sworn, do depose and say that the undersigned is authorized by the owner of the working interest in the well to state that it shall tender to the owner of the oil and gas in place not less than one-eighth of the total amount paid to or received by or allowed to the owner of the working interest at the wellhead for the oil or gas so extracted, produced or marketed before deducting the amount to be paid to or set aside for the owner of the oil or gas in place, all such oil or gas to be extracted, produced or marketed from the well

Signed: _____

Taken, subscribed and sworn to before me this _____ day of _____, 19__.


Signed: _____


My Commission Expires: _____

09/15/2023

ATTACH OR PHOTOCOOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE _____

LEGEND













Well Site 

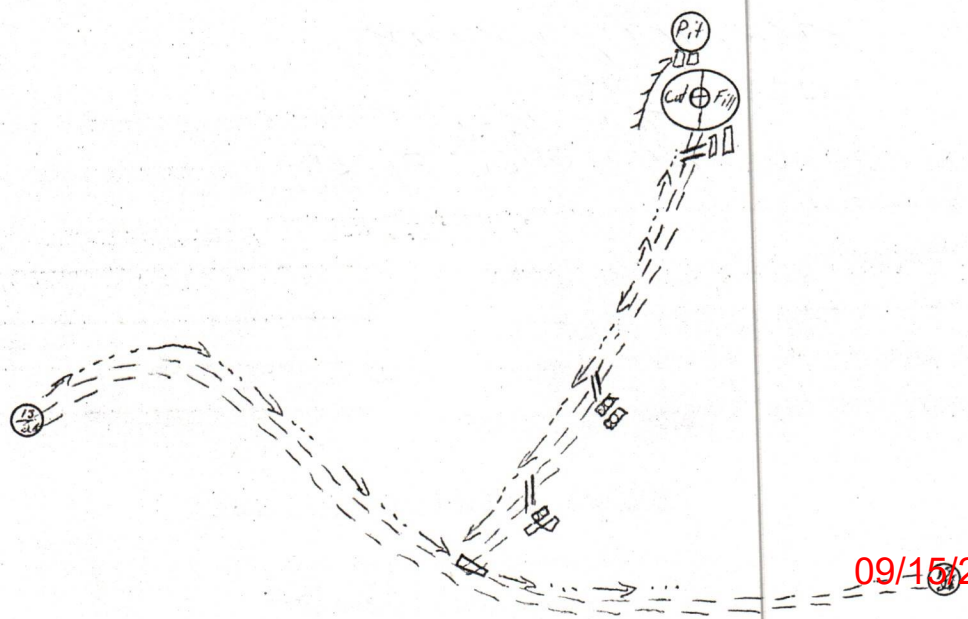
Access Road 

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



09/15/2023

2023/15/160

IV-9 (Rev 8-81)



DATE 8-20-82
WELL NO. 4
API NO. 47-087-3685

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Key Oil, Inc.
Address P.O. Box 709 Spencer W.V., 25276
Telephone 304-927-5490

DESIGNATED AGENT Joe McLaughlin
Address P.O. Box 709 Spencer, W.V., 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: 8-20-82

(Date) *Garrett Morrison*
(SCD Agent)

ACCESS ROAD

(1) Structure Drainage Ditch (A)

Spacing _____

Page Ref. Manual 2-12

Structure Culverts (15") (B)

Spacing _____

Page Ref. Manual 2-7

Structure Gross Drains

Spacing 80'-135-

Page Ref. Manual 2-1

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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 or correct to pH 6.5 Tons/acre

Fertilizer 500 lbs/acre

Mulch Silva-fiber Tons/acre

Seed* Ky. 31 Tall Fescue 20 lbs/acre

Flatpea 20 lbs/acre

lbs/acre

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

NOTES: Please request treatment seedling for one growing season. Attach separate sheets as necessary for comments.

Treatment Area II

Lime or correct to pH _____ Tons/acre

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

Mulch _____ Tons/acre

Seed* _____ lbs/acre

_____ lbs/acre

_____ lbs/acre

PLAN PREPARED BY Key Oil, Inc. Doug McDonald

ADDRESS P.O. Box 709

Spencer, W.V., 25276

PHONE NO. 304-927-5490



ADVENT 1.5 MI.

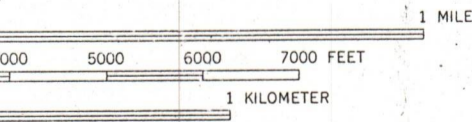
32'30" 453

454

455

45600m E.

● INTERIOR GEOLOGICAL SURVEY, RESTON, VIRGINIA—1978



0 FEET
DATUM OF 1929



QUADRANGLE LOCATION

*Bony Lease
Lease No. 649
100 acres
Harper District
Roane County*

ROAD CLASSIFICATION

Light-duty Unimproved dirt -----

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OIL & GAS DIVISION
DEPT. OF MINES

KENTUCKY, W. V.
NE/4 KENNA 15' QUADRANT
N3837.5—W8130/7
1957
PHOTOINSPECTED 1957
AMS 4661 II NE—SERIES

P ACCURACY STANDARDS
RESTON, VIRGINIA 22092
MBOLS IS AVAILABLE ON REQUEST

13 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.

BOOK 166 PAGE 273

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

WITNESS:

Commonwealth of Massachusetts
County of Middlesex, ss.
Subscribed and sworn to, before me,
this 23rd day of April, 1982
[Signature]
Notary Public

[Signature] Dewey P. Berry (SEAL)
[Signature] Mary D. Berry (SEAL)
[Signature] Gladys M. Berry (SEAL)
[Signature] Gatha Berry (SEAL)
[Signature] Clarence B. Berry (SEAL)
[Signature] (SEAL)
[Signature] (SEAL)

WEST VIRGINIA ACKNOWLEDGMENT

STATE OF WEST VIRGINIA
COUNTY OF Nicholas } To-wit:
I, Cypriane Sawyer, a Notary Public of said County, do hereby certify that
Dewey P. Berry and Mary D. Berry
whose name signed to the within writing bearing date the 23rd day of April, 1982
has this day acknowledged the same before me in my said County.
Given under my hand this 27th day of April, 1982.
Cypriane Sawyer
Notary Public
My Commission expires May 1, 1985

WEST VIRGINIA ACKNOWLEDGMENT

STATE OF WEST VIRGINIA
COUNTY OF Boone } To-wit:
I, Madeline J. Mark, a Notary Public of said County, do hereby certify that Gatha
Berry and Clarence B. Berry
whose name signed to the within writing bearing date the 11th day of May, 1982
has this day acknowledged the same before me in my said County.
Given under my hand this 11th day of May, 1982.
Madeline J. Mark
Notary Public
My Commission expires September 14, 1988

OHIO ACKNOWLEDGMENT

STATE OF OHIO, } SS.
COUNTY OF _____
Before me, a Notary Public in and for said county, personally appeared the above named _____
_____ who acknowledged
that he did sign the foregoing instrument, and that the same is _____ free act and deed. In testimony
whereof I have hereunto subscribed my name at _____ this _____
day of _____, 19_____
My Commission expires _____
Notary Public

SPENCER BUSINESS FORMS CO., INC.

TO
Oil and Gas Lease
(Standard Ohio & W. Va.)
M & J JOINT VENTURE
RE
09/15/2023
Date _____, 19_____
Acres _____
Location _____
County _____ State _____
Term _____
RECORDING DATA:

This instrument prepared by M & J JOINT VENTURE, Spencer, W. Va.

Check & receipt A. 298

A-8

AGREEMENT, made and entered into this 23 day of April, A.D. 1982

by and between P. H. Berry heirs: Dewey P. Berry and Mary Dot Berry, husband and wife, Clarence B. Berry, single and Gatha Berry, widow and Gladys M. Price, single, one half

P.O. Box 177 Craigsville, W. Va. 26205

of and M & J JOINT VENTURE, A Partnership party of the second part, hereinafter called Lessee;

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 and thereto by pipe lines or otherwise; said land being situated in Harper District,

County of Roane, State of W. Va.

NORTH by lands of Andrew Presley

EAST by lands of C. C. Chapman

SOUTH by lands of G. N. Price

WEST by lands of T. W. Hall

On Waters of Leatherwood Run

Containing Two tracts (1) 20 acres (2) 80 acres total 100 acres, more or less.

DEPT. OF MINES OIL & GAS DIVISION

RECEIVED SEP 10 1982

2. It is agreed that this lease shall remain in force for a primary term of (1) One

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.

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) of all gas produced and saved from the leased premises 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 May 3, 1982, unless Lessee

pays thereafter a rental of \$5.00 per acre (12) twelve

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 Lessor

85 Prescott St. Cambridge, MA 02138
Direct, or by check payable to his (or her) order mailed to... one half to Gladys M. Price at Cambridge, MA 02138
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. 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.

8. 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 or premises. 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.

9. 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 fall or make default in the payment 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.

10. 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 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 Recorder's office of the County in which the land is located.

11. 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.

12. 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 it is produced in paying quantities.

Attached to and made a part of that certain Oil and Gas lease dated the 23rd day of April, 1982. By and between M. and J. Joint Venture and Dewey P. Berry and Mary Dot Berry, Clarence B. Berry and Gatha Berry and Gladys M. Price, Single

Terms of Exhibit:

- (A) This lease covers to a depth of 6,000 feet or to the bottom of the Devonian shale whichever is greater
- (B) The Lessor must be consulted on the well sites
- (C) No pooling is allowed on this lease
- (D) No gas storage allowed on this lease
- (E) ----- A second well must be drilled within 180 days after first well completion to hold lease if spacing of wells is no problem

Dewey Berry
Signed for identification

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SEP 10 1982

Date: April 23, 1982

OIL & GAS DIVISION
DEPT. OF MINES

Jack W. Floyd, Agent
M. & J. Joint Venture

STATE OF WEST VIRGINIA,
ROANE COUNTY COMMISSION CLERK'S OFFICE, 12 May 1982 11:30 A.M.

Book No. 166

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

File No. 14594

Fee \$ 2.75

GENE M. ASHLEY, Clerk
By Archie Scarbro Deputy

09/15/2023

B-4

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS
NOTICE OF EXPIRED PERMIT

Permit number: 47-87-3685
Company: KEY OIL CO.
Date: 27-Nov-84
Date issued: 9/27/82

County: ROANE
Farm: GATHA BERRY, ETAL #4
Well no.:
Date expired: / / 0

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

Signed: James H. Dougherty
Date: 2/13/85

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FEB 18 1985
OIL & GAS DIVISION
DEPT. OF MINES

09/15/2023

B-12

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

Permit No. 087-3685-REN County. Roane
Company. Key Oil, Inc. Farm. Gatha Berry
Inspector. Homer Dougherty Well No. 649-4
Date. September 19, 1984 Issued. 8-8-83

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 4-8-84 and company says well was not drilled.

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: 2/13/85
09/15/2023

B-11



State of West Virginia

BARTON B. LAY, JR.
DIRECTOR

Department of Mines
Oil and Gas Division
Charleston 25305

THEODORE M. STREIT
ADMINISTRATOR

February 20, 1985

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

In Re: Permit No: 47-087-3685
Farm: Gatha Berry
Well No: 649-4
District: Harper
County: Roane
Issued: 9-27-82

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.

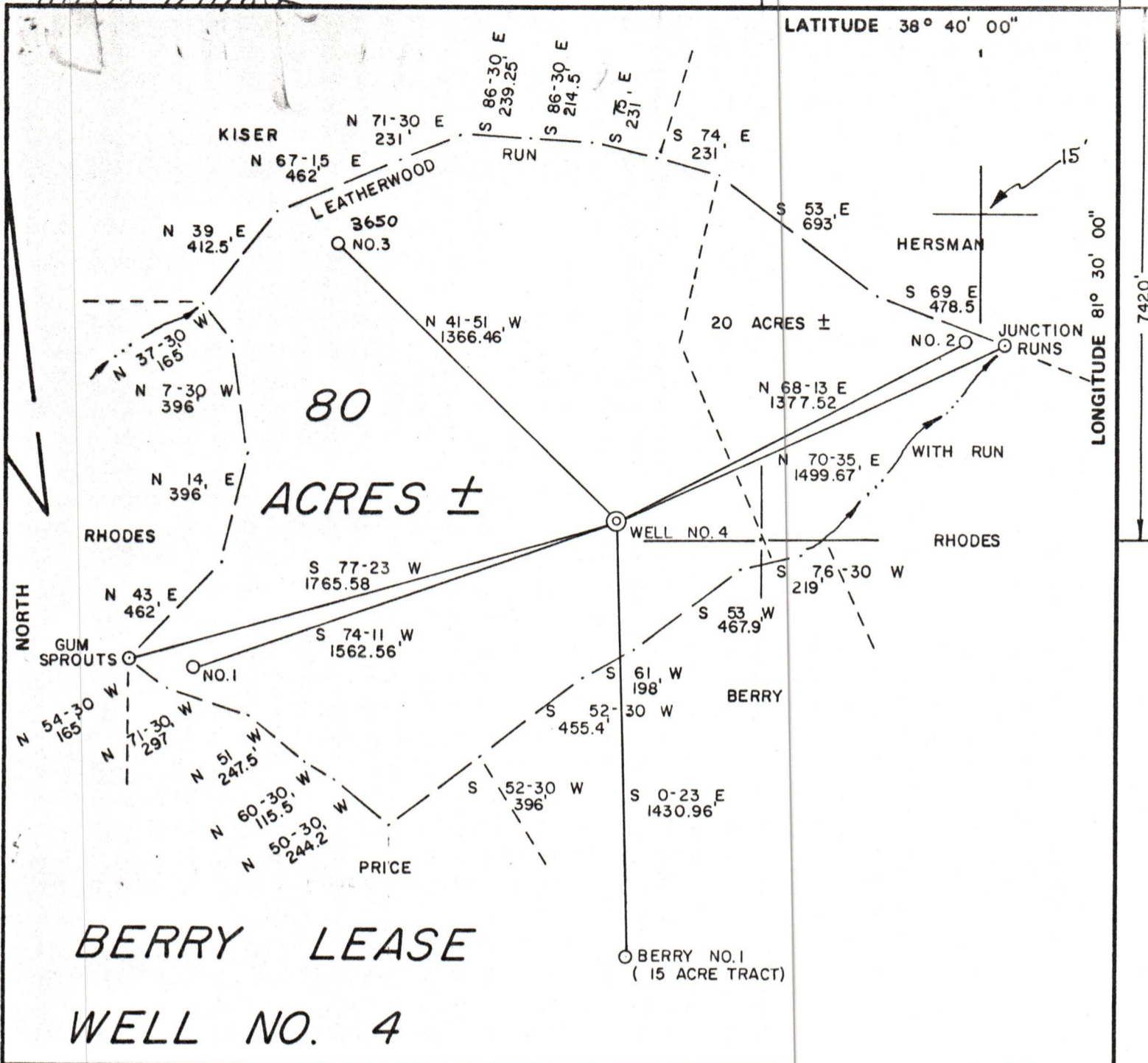
Very truly yours,

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

TMS/ nw

09/15/2023

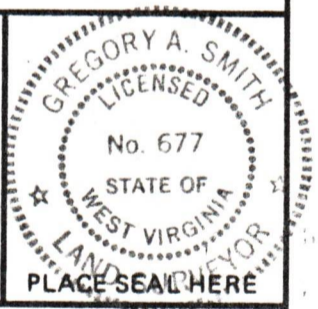
101.2, 9/11/82



BERRY LEASE
WELL NO. 4

FILE NO. 8-6
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS
ELEV. 988'

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)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

DATE JULY 28, 1982
OPERATOR'S WELL NO. 4
API WELL NO. 47-087-3685-Rem
STATE 47 COUNTY 087 PERMIT 3685-Rem
Cancelled

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 953' WATER SHED LEATHERWOOD RUN
DISTRICT HARPER COUNTY ROANE
QUADRANGLE KENTUCK 7.5'

SURFACE OWNER GATHA BERRY et. al. ACREAGE 80
OIL & GAS ROYALTY OWNER GATHA BERRY et. al. LEASE ACREAGE 100
LEASE NO. 649

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 5150'
WELL OPERATOR KEY OIL COMPANY DESIGNATED AGENT JOE McLAUGHLIN
ADDRESS P.O. BOX 709 ADDRESS P.O. BOX 727
SPENCER W.V. 25276 SPENCER W.V. 25276

09/15/2023

ROANE 3685