



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: 1034' 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 Carol Love 12) COAL OPERATOR None
Address Rt. 3 Box 148 Address _____
Marietta Ohio, 45750
Acreage 34
- 8) SURFACE OWNER Kenneth R. Shaffer 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
Address N/A Name None
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
- 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

RECEIVED
JUN - 8 1983

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' 425'	300' 425'	To surface	by Rule 1505
Coal									Sizes
Intermediate	7	J-55	23	X		2,200'	2,200'	To surface	Depths set
Production	4 1/2	J-55	10.5	X		5,700'	5,700'	As needed	Perforations:
Tubing									Top Bottom
Liners									

- 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 a 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 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 abovementioned 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 Maxwell
My Commission Expires November 9, 1992
- Signed: Joe M. Laughlin
Its: President

47-087-3841 OFFICE USE ONLY Au 09/15/2023 83

Permit number _____ DRILLING PERMIT _____ 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 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>ls</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>958</u>
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Michael Lewis
Administrator, Office of Oil and Gas
File

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—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.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) 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.
- 24) 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.

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

09/15/2023

The undersigned coal operator _____ / owner _____ / lessee _____ of the coal under this well location 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 _____

ATTACH OR PHOTOCOPIY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE _____

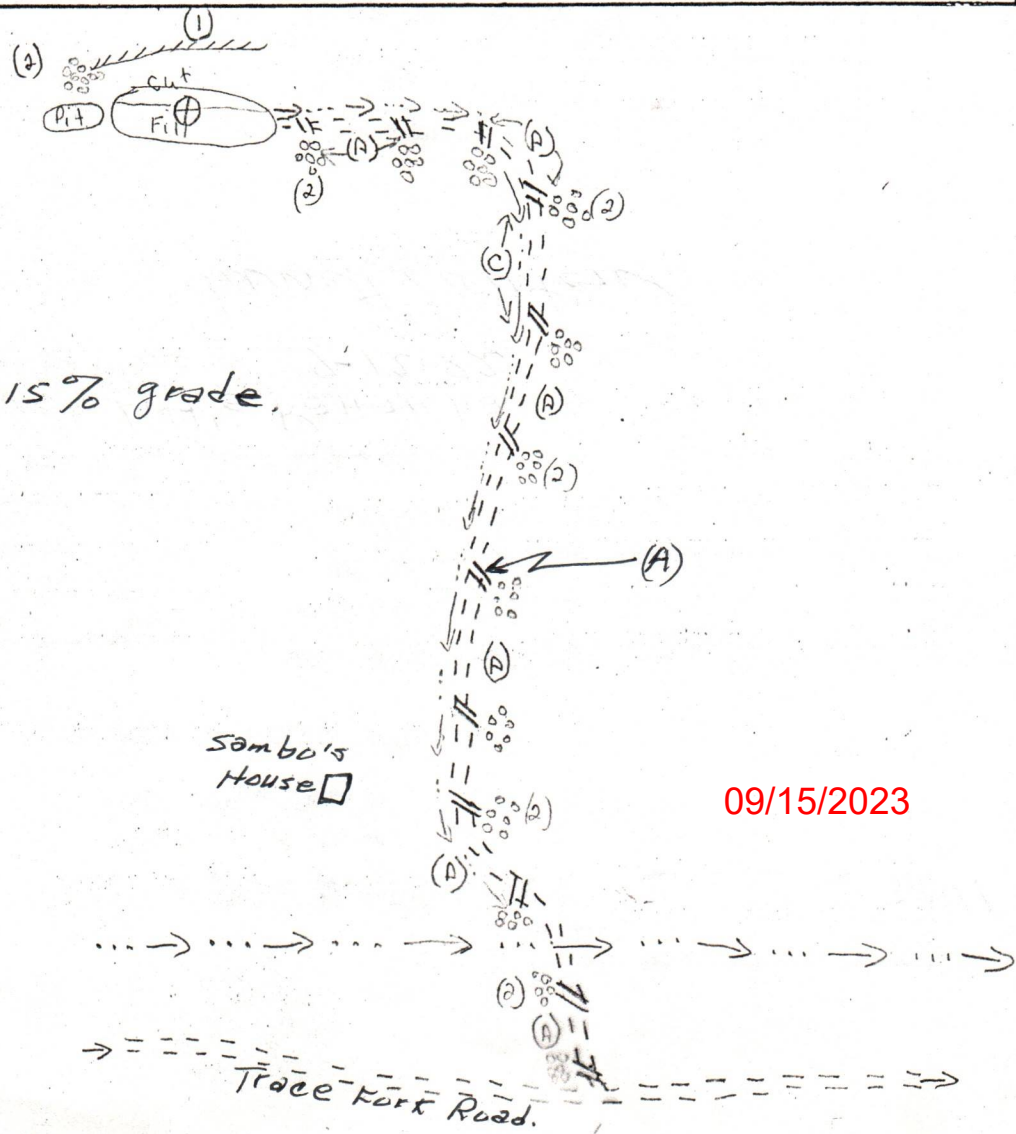
LEGEND	
Well Site	⊕
Access Road	—

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—
Planned fence	—/—/—
Stream	~ ~ ~ ~ ~
Open ditch	—>>>>—>>>>—>>>>—
Diversion	//////
Spring	○→
Wet spot	⊗
Building	■
Drain pipe	—○→○→○→
Waterway	⇐ == == == ==

Access road 10-15% grade.



09/15/2023

09/15/2023



State of West Virginia

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

DATE July 8, 1982

WELL NO. Love #1

API NO. 47 - 87 - 3841

COMPANY NAME Key Oil, Inc.

Address P. O. Box 709

Spencer, W. Va. 25276

Telephone 304-927-5490

LANDOWNER Kenneth R. & Helen L. Shafter

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: 7-12-82

(Date)

Janet Newton
(SCD Agent)

ACCESS ROAD

(A) Structure Cross Drain Spacing 60' Page Ref. Manual 2-4

(B) Structure Road Culverts Spacing at drains Page Ref. Manual 2-7

(C) Structure Drainage Ditch Spacing N/A Page Ref. Manual 2-12

Material Soil Structure Diversion Ditch (1)

Material Stone Structure Rip-Rap (2)

Material None Structure (3)

OIL & GAS DIVISION
DEPT. OF MINES
Treatment Area I & II

REVEGETATION

Lime or correct to pH 6.5 Tons/acre

Fertilizer 500 lbs/acre (10-20-20 or equivalent)

Mulch Silva Fiber Tons/acre

Seed* Ky. 31 Tall Fescue 20 lbs/acre

Flat Pea 20 lbs/acre

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

Inoculate with 3X recommended amount.

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

PHONE NO. 304-927-5490

ADDRESS P. O. Box 709, Spencer, W. Va.

139 Main Street

PLAN PREPARED BY Doug McDonald

Key Oil, Inc.



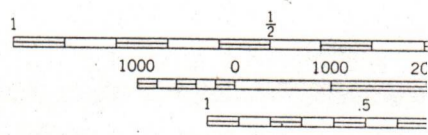
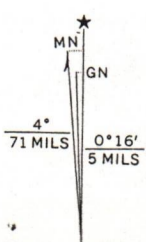
LOVE WELL #1
 LEASE # 627-C
 34 AC.
 WALTON 7.5

09/15/2023

ped, edited, and published by the Geological Survey
 rol by USGS, USC&GS, and USSCS
 raphy from aerial photographs by photogrammetric methods
 l photographs taken 1956. Field check 1957
 onic projection. 1927 North American datum
 00-foot grid based on West Virginia coordinate system,
 n zone
 0-meter Universal Transverse Mercator grid ticks,
 17, shown in blue

red dashed lines indicate selected fence and field lines
 e on aerial photographs. This information is unchecked

UTM GRID AND 1976 MAGNETIC NORTH
 DECLINATION AT CENTER OF SHEET



CONT
 NATIONAL GEC

A-9

627

Oil and Gas Lease

BOOK 164 PAGE 605

BOOK 164 PAGE 203

Agreement Made and entered into the 03, day of March

A.D., 1982, by and between Carol S. Love, Widow

Route #3 Box 148 Marietta, Ohio 45750

party of the first part hereinafter called Lessor and M&J Joint Venture. A party of the second part, hereinafter called Lessee, WITNESSETH:

Ret M&J Joint Venture (19)
Call 927-2991

1. That for and in consideration of the sum of One Dollar (1.00) and other valuable consideration in hand paid by Lessee, the receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained, Lessor does hereby grant, demise, lease, and let unto Lessee, for its exclusive possession and use for the purpose of (a) exploring, prospecting, drilling, operating for and producing oil and gas, including casinghead gas and casinghead gasoline condensate, (b) treating, transporting and caring for said products, (c) removing therefrom brine and other refuse and injecting the same, gas, and any other substances into the subsurface thereof, (d) exercising all rights and privileges hereinafter granted to Lessee, (e) constructing, operating and maintaining thereon all structures and facilities necessary or convenient for any and all said purposes, as hereinafter more fully set out, all those certain tracts of land situated in Roane County, West Virginia and more fully described in Exhibit "A" attached hereto and made a part hereof.

All rights below 10,000 feet below the surface are reserved by lessor and not herein conveyed.

Lessee agrees to advise lessor of the commencement of any operations on leased premises by lessee or his agents.

Lessee shall be responsible for any damages which may result from said operations. No well shall be drilled within 200 feet of any house or barn now on said premises without consent of Lessor. Lessor shall be notified as to the location of all pipelines on or across lands herein leased.

2. Lessee, at its option, may discharge any tax, mortgage or other lien upon said land, either in whole or in part, and if Lessee does so, it shall be subrogated to such lien with right to enforce same and apply rentals and royalties accruing hereunder toward satisfying same. When required by state, federal or other law, Lessee may withhold taxes with respect to rental, royalty and other payments hereunder and remit the amounts withheld to the applicable taxing authority for the credit of Lessor.

3. It is agreed that this lease shall remain in force for the term of twelve months from the above date, (hereinafter called the primary term) and as long thereafter as the above described land, or any portion thereof, is operated by the Lessee in the drilling for or production of oil or gas, or as long as oil or gas is being withdrawn from the premises by Lessee, or as long as this lease is extended by any other provisions contained herein.

4. The royalty reserved by Lessor, *See paragraph 12, shall be one-eighth (1/8) of the oil and gas produced and saved from the leased premises. During any period after expiration of the primary term hereof where there is a gas well drilled after the date of this agreement on the leased premises capable of producing gas in paying quantities and gas in not being sold or used and the well or wells on

09/15/2023

This instrument prepared by M&J Joint Venture, Spencer, W. Va.

an individual tract are shut-in for a period of six months and there is no current production of oil or gas or operations on said leased premises or any portion or stratum of the individual tract thereof sufficient to keep this lease in force, Lessee shall be obligated to pay or tender as shut-in royalty the sum of Five Hundred and No/Dollars (\$500.00) (which shall be the same and shall be paid regardless of the number of shut-in wells on an individual tract), payable semi-annually at the end of six months from date such well is shut-in and while said royalty is so paid or tendered this lease shall be held as a producing property under the provisions of this lease. The amount of each such payment or tender may be paid by check or draft of Lessee in the same manner as provided in Paragraph Five (5) hereof, and such payments maybe made beyond the primary term. Lessee shall use reasonable diligence to market gas capable of being produced from such shut-in well or wells but shall be under no obligation to market such gas under terms, conditions, or circumstances which, in Lessee's judgement exercised in good faith, are unsatisfactory. Lessee shall have free use of oil, distillate, condensate gas, and water from the leased premises for all operations hereunder. In no event shall any portion of this lease be held as a producing property solely by the payment of shut-in royalties for a period of more than three (3) years.

5. Payment or tender of any payment referred to herein may be made by check of Lessee delivered or mailed to Lessor Carol S. Love on or before such date for payment, and the payment will be deemed made when the check is so delivered or mailed. Lessee shall not be held in default for failure to make such payment until Thirty (30) days after Lessor shall deliver to Lessee notice of such failure by registered mail.

6. Lessee, at any time, and from time to time, may surrender this lease in whole or in part by tendering an appropriate instrument of surrender to the Lessor and file for record a release or release or releases of this lease. Lessor may acquire any wells on the leased premises which Lessee elects to abandon by accepting all ^{J.W.F.} rights and liabilities to any such well(s) and paying Lessee ^{CLERK} salvage value for any equipment abandoned therewith.

7. Without impairment of Lessee's rights under the warranty or failure of title, it is agreed that if Lessor owns an interest in the oil and gas on in or under any part of the leased premises less than the entire fee simple state (whether Lessor's interest is herein specified or not and whether or not this lease purports to cover a whole or a fractional interest), then the royalty to be paid Lessor shall be reduced in the proportion that his interest bears to the whole and undivided fee and in accordance with the interest of which Lessor is seized. Said Lessee shall not be required in any event to increase the shut-in payments or the gas or oil royalty payments hereunder by reason of any royalty or interest in said oil or gas that may have been heretofore sold, reserved or conveyed by said Lessor or by his predecessors in title or otherwise and if found that the Lessor does not have title to all the oil and gas in the leased premises, all payments and royalties thereafter to be made shall be reduced in proportion to the outstanding interest.

8. The rights of either party hereunder may be assigned in whole or in part, but no change or division in ownership of the leased premises, royalties, or in the status of any party, however accomplished, shall operate to enlarge the obligations or diminish the rights of Lessee. No change in such ownership or status shall be binding on Lessee until thirty (30) days after Lessee shall have been furnished by U.S. Mail at Lessee's principal place of business with a certified copy of recorded instrument or instruments evidencing same. In the event of assignment hereof in whole or in part, liability for breach of any obligation hereunder shall rest exclusively upon the owner of this lease or of a portion thereof who commits such breach. In the event of the death of any person entitled to any sum hereunder, Lessee may pay or tender the same to the credit of the deceased or the estate of the deceased until such time as Lessee is furnished with proper evidence of the appointment and qualification of an executor or administrator or the estate or if there be none, evidence satisfactory to it as to the heirs or devisees of the deceased and that all debts of the estate have been paid. If at any time two or more parties adversely claim any sum payable hereunder, or any part thereof, Lessee may pay or tender the same either jointly to such parties or separately or to each in accordance with his respective ownership thereof.

09/15/2023

9. Lessor shall be entitled, at his sole risk and expense, to 100.000 cubic feet of gas per annum free of cost for use in one domestic dwelling from one producing gas well on each individual tract on said premises, providing that said well has sufficient pressure for such use. Lessor agrees to pay Lessee a fair domestic rate for any gas used in excess thereof. Lessee shall not be held liable for any accident or damage caused by Lessor's said use of gas, nor shall Lessee be liable for any shortage or failure in supply of gas for said domestic use.

10. Lessee shall have the option within a period of 60 days after March 03, 1983 to acquire a new Oil and Gas Lease on all or any part of the above described land at the prevailing rate then being paid in the area and on the same terms and conditions as are herein set forth.

11. No pooling or storage rights are granted herein.

12. Lessor must approve of the assignment of this lease to any persons other than Lessee's investors or partners or persons and/or entities who may enter into a joint venture or ventures with Lessee or Lessee's assigns.

13. Delivered to the credit of Lessor free of all costs in the pipeline to which Lessee may connect his wells. In the event that royalty payments are made by Lessee, copies of all pipeline statements are to be supplied with royalty check and permission is hereby given to Lessor to check production records with pipeline.

14. Lessee agrees to provide Lessor with copies of (1) drilling logs,
(2) title opinions prepared prior to drilling tracts leased herein,
(3) plats of tracts depicting well sites, and
(4) preliminary title information acquired on tracts leased hereunder.

IN WITNESS WHEREOF, this instrument is executed on the date first above written.

WITNESS:

x Jack W. Love
x Carol S. Love
Carol S. Love
x Patricia Dennis

ACKNOWLEDGEMENT

COUNTY OF Roane
STATE OF W. Va.

I, Jack W. Love in and for said County, in the state aforesaid, do hereby certify that Carol S. Love, personally known to me to be the same person whose name subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that he signed, sealed and delivered the said instrument as free and voluntary act, for the uses and purposes therein set forth, and desired the same to be recorded as such.

Given under my hand and Roane Seat, this 3 day of March A.D., 1982

My Commission expires Feb 23, 1992
Jack W. Love (SEAL)
Notary Public

09/15/2023

A-12

BOOK 164 PAGE 008
BOOK 164 PAGE 206

EXHIBIT "A"

Harper
XXXXXXXXXX
C.L.
3/2/82

all of the following described land situated in Spencer District, County of Roane, State of West Virginia; and bounded now or heretofore as follows, to wit:

401

(1) North by lands of David Car Heirs
East by lands of J.W. Westfall
South by lands of J.W. Westfall and J.P. Price
West by lands of J.P. Price
Containing 33 acres, more or less.

627A

(2) North by lands of W. Gaylor and Matilda Edwards
East by lands of George S. Harper
South by lands of Verna-Shafer and George S. Harper
West by lands of W. Taylor and Andrew Hargus
Containing 40 acres, more or less

627B

(3) North by lands of Dennis Harper
East by lands of Andrew Hargus
South by lands of W. Taylor and J. Shafer
West by lands of G.P. Payne
Containing 22 acres, more or less

232

(4) North by lands of W.L. Vicars and S. R. Fields
East by lands of B.A. Smith
South by lands of Franklin Harris and Andrew Pursley
West by lands of C. Cox and W.L. Vicars
Containing 140 acres, more or less

627C

(5) North by lands of J.C. Starcher
East by lands of I.A. McCoy
South by lands of E.T. Starcher
West by lands of J.C. Starcher
Containing 34 acres, more or less

This instrument was prepared by M & J Joint Venture P. O. Box 727, Spencer, West Virginia 25276.

STATE OF WEST VIRGINIA,
ROANE COUNTY COMMISSION CLERK'S OFFICE, 9 Mar 82 9:48 A.M.
Book No. 164

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

File No. 13335
Fee \$ 5.00

GENE M. ASHLEY, Clerk
By Carolyn Batten Deputy

STATE OF WEST VIRGINIA,
ROANE COUNTY COMMISSION CLERK'S OFFICE, 25 Mar 82 9:22 A.M. 09/15/2023
Book No. 164

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

File No. 13631
Fee \$ 5.00

GENE M. ASHLEY, Clerk
By Carolyn Batten Deputy

ADMITTED TO RECORD

1602 MAR 25 AM 9:22

CLERK OF SUPERIOR COURT
NEW M. ASHLEY
LAWRENCE COUNTY, GEORGIA

ADMITTED TO RECORD

1602 MAR 9 AM 9:18

CLERK OF SUPERIOR COURT
NEW M. ASHLEY
LAWRENCE COUNTY, GEORGIA

Handwritten signature

09/15/2023



State of West Virginia

BARTON B. LAY, JR.
DIRECTOR

Department of Mines
Oil and Gas Division
Charleston 25305

THEODORE M. STREIT
ADMINISTRATOR

February 19, 1985

Key Oil Company
P. O. Box 709
Spencer, WV 25276

In Re: Permit No: 47-087-3841

Farm: Kenneth Shaffer

Well No: 627-C-1

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:

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

B-12

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

Permit No. 087-3841 County. Roane
Company. Key Oil, Inc. Farm. Kenneth Shaffer
Inspector. Homer Dougherty Well No. 627-C-1
Date. September 20, 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	_____	_____

RECEIVED
FEB 18 1985

OIL & GAS DIVISION
DEPT. OF MINES

COMMENTS: Please issue final on cancellation if location is okay. Permit
expired on 4-10-84 and company says well was not drilled.

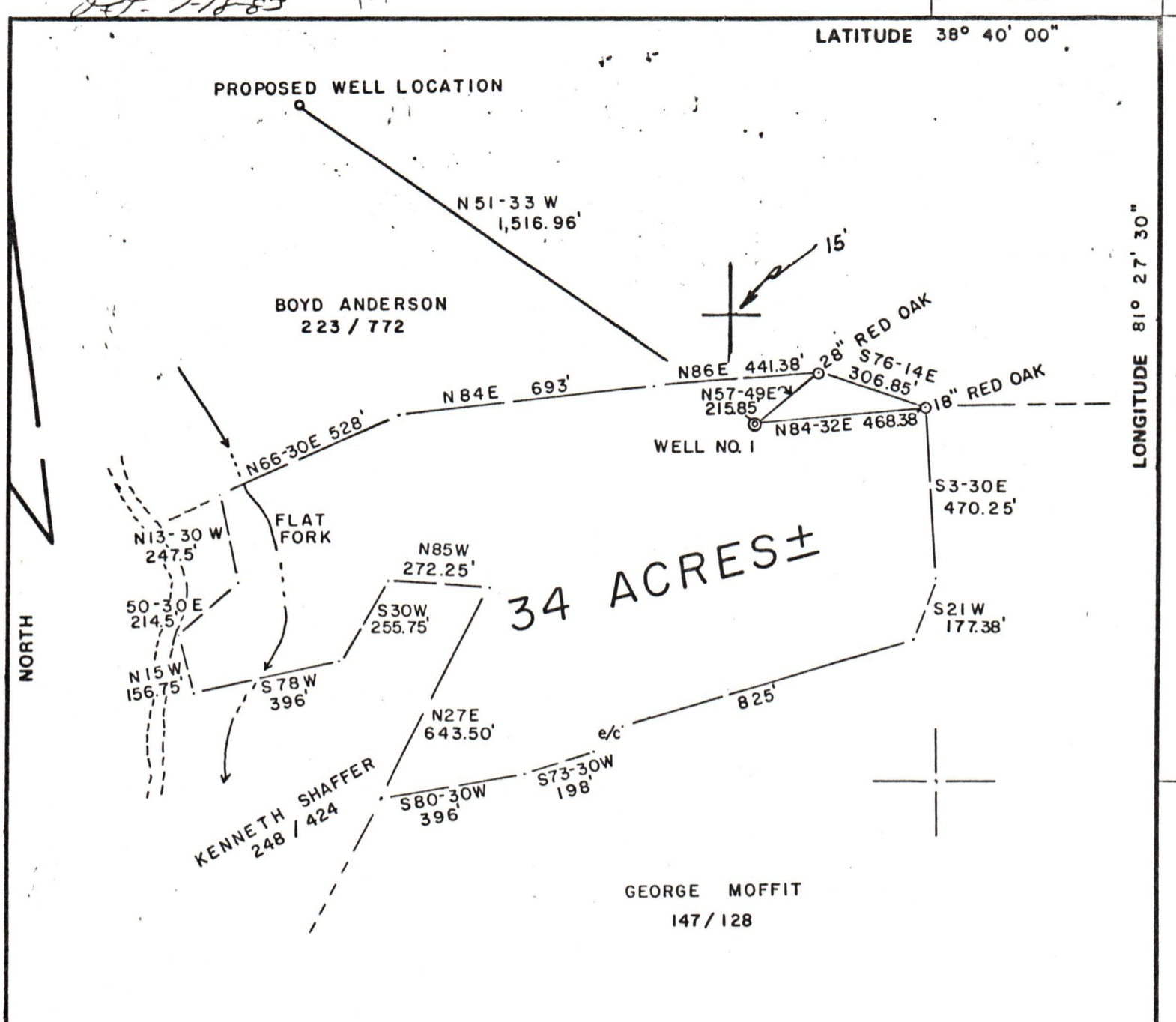
I have inspected the above well and ~~(Have/Have Not)~~ found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas-Department of Mines of the State of West Virginia.

SIGNED: Homer H. Dougherty
DATE: 2/13/85

09/15/2023

RECEIVED
DEPT. OF MINES
OCT 10 1923

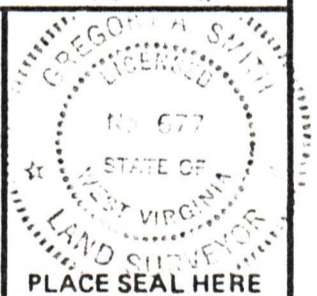
09/15/2023



LOVE LEASE WELL NO. 1

FILE NO. 7-20
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION B.M. AT CHURCH
ELEV. 720'

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 APRIL 9, 19 82
 OPERATOR'S WELL NO. 1
 API WELL NO. 47 - 087 - 3841
 STATE COUNTY PERMIT

Cancelled

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1034' WATER SHED FLAT FORK
 DISTRICT HARPER COUNTY ROANE
 QUADRANGLE WALTON 7.5'
 SURFACE OWNER KENNETH R. & HELEN L. SHAFFER ACREAGE 34
 OIL & GAS ROYALTY OWNER CAROL LOVE LEASE ACREAGE 34
 LEASE NO. 627-C

09/15/2023

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 5250'
 WELL OPERATOR KEY OIL, INC DESIGNATED AGENT JOE McLAUGHLIN
 ADDRESS P.O. BOX 709 ADDRESS P.O. BOX 709
SPENCER, W.V. 25276 SPENCER, W.V. 25276