



1) Date: December 15, 19 82
 2) Operator's Well No. 5000-2
 3) API Well No. 47 XXXX 085 6091
 State 87 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 X / Underground storage _____ / Deep _____ / Shallow X)
- 5) LOCATION: Elevation: 882' Watershed: Low Gap Run
 District: Grant County: Ritchie Quadrangle: Harrisville 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 Ralph K. Six 12) COAL OPERATOR None
 Address 120 W. Main Address _____
Harrisville, W.Va.
- 8) SURFACE OWNER Same 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Name None
 Address _____
- 9) FIELD SALE (IF MADE) TO:
 Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Samuel N. Hersman
 Address P.O. Box 66
Smithville, W.Va. 26178
- 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, 5,700 feet
- 18) Approximate water strata depths: Fresh, 371 feet; salt, 476 feet.
- 19) Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No X

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OIL AND GAS DIVISION
WV DEPARTMENT 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	11	ERW	42	X		20'			Kinds
Fresh water	8 5/8	ERW	23	X		1,277'	1,277'	Cement to	sur.
Coal									Sizes
Intermediate Production	4 1/2	ERW	10.5	X		5,900'	5,900'	As needed	
Tubing									Depths set
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 Maxwell
 My Commission Expires November 9, 1992
- Signed: Joe McLaughlin
 Its: President

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-085-6091 Date December 15 82
03/29/2024

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 August 15, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: Blanket Agent: OK Plat: [Signature] Casing: [Signature] Fee: 153

Fred D. Riddell
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

Line Item Explanation

- 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

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 _____
Its _____

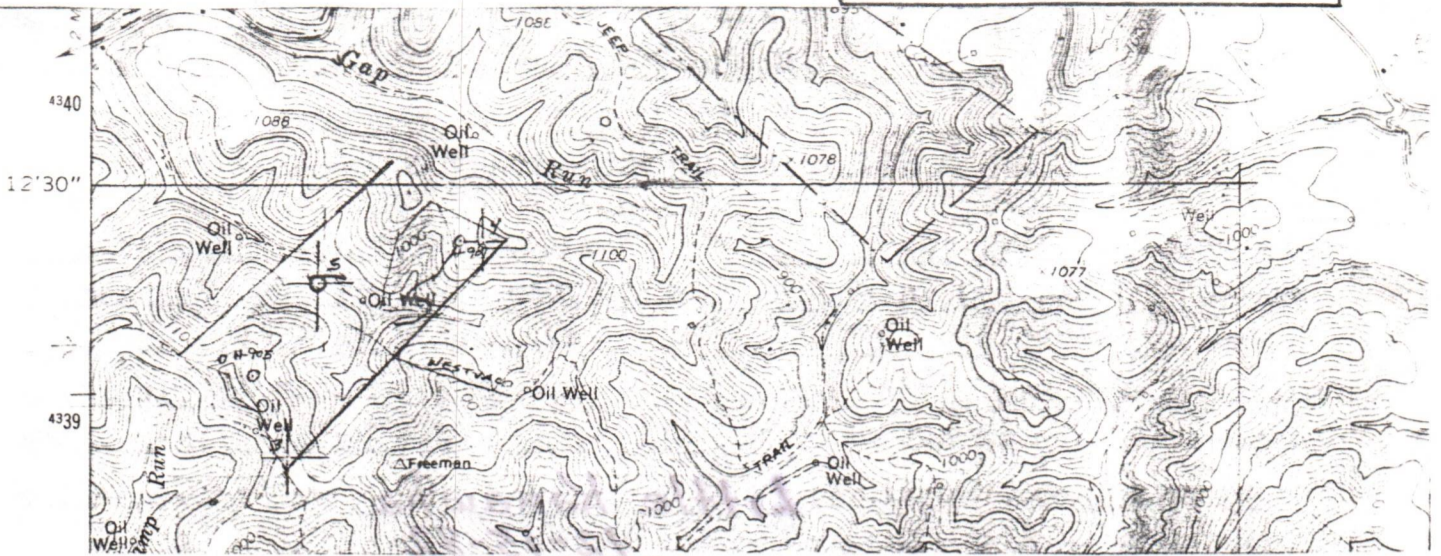
03/29/2024

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Harrisville 7 1/2'

LEGEND

Well Site 











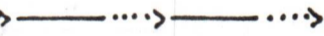
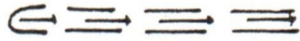
Access Road 

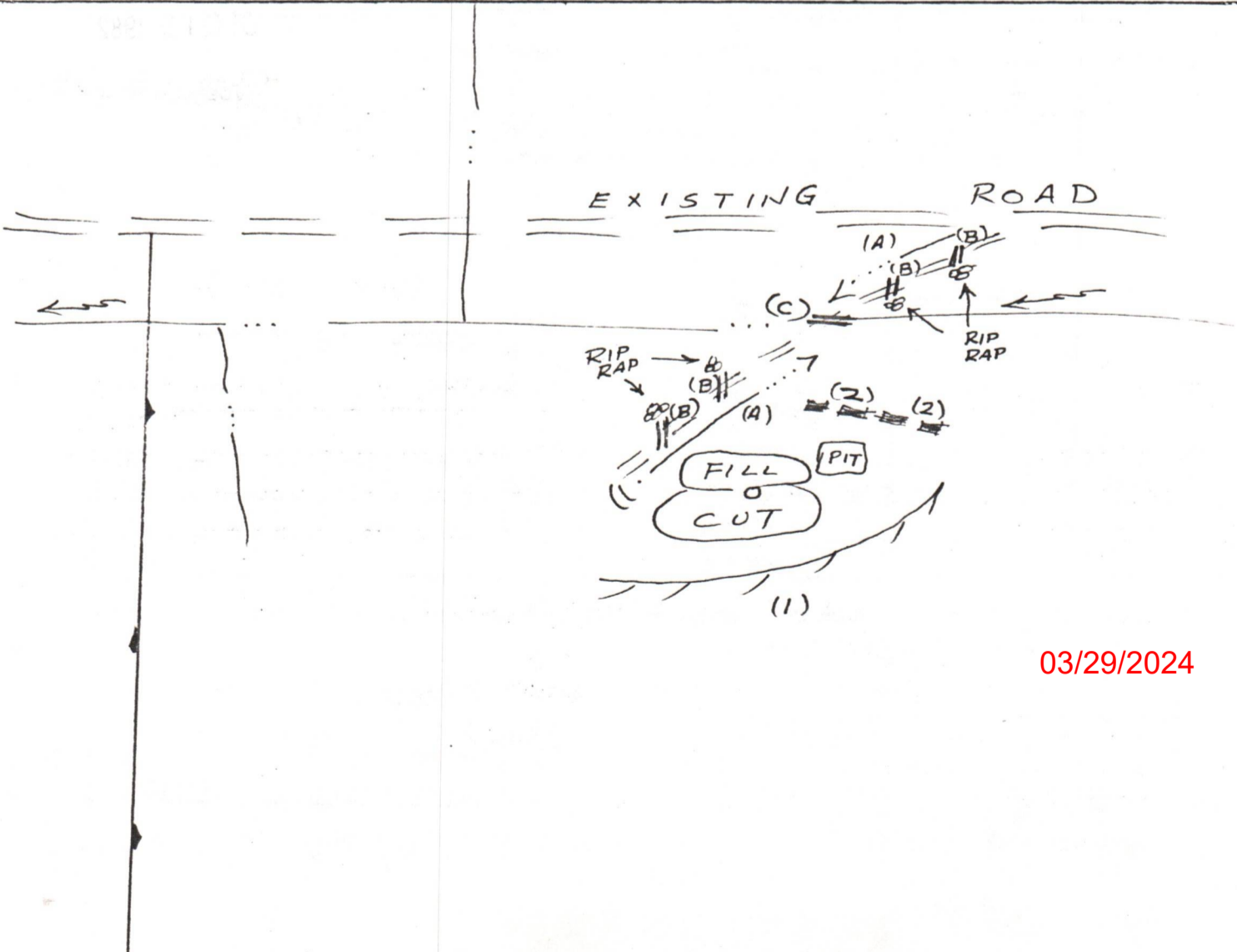


WELL SITE PLAN

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 



03/29/2024

COPY



IV-9
(Rev 8-81)

DATE 14 December 1982

WELL NO. 5000-2

State of West Virginia

API NO. 47 - 085 - 6091

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Key Oil, Inc. DESIGNATED AGENT Joe McLaughlin
Address PO Box 709, Spencer, WV 25276 Address PO Box 709, Spencer, WV 25276
Telephone 927-5490 Telephone 927-5490
LANDOWNER Ralph Six SOIL CONS. DISTRICT Little Kanawha
Revegetation to be carried out by Key Oil, Inc. (Joe McLaughlin) (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 12-15-82

(Date)
Jarrett Newton
(SCD Agent)

ACCESS ROAD		LOCATION
Structure <u>Drainage Ditch</u>	(A)	Structure <u>Diversion Ditch</u> (1)
Spacing <u>N/A</u>		Material <u>Soil</u>
Page Ref. Manual <u>2-12</u>		Page Ref. Manual <u>2-12</u>
Structure <u>Cross Drains</u>	(B)	Structure <u>Sediment Barriers</u> (2)
Spacing <u>80'</u>		Material <u>Hay or Straw Bales</u>
Page Ref. Manual <u>2-1</u>		Page Ref. Manual <u>2-16</u>
Structure <u>Culvert</u>	(C)	Structure <u>RECEIVED</u> (3)
Spacing <u>(at stream crossing)</u>		Material <u>DEC 15 1982</u>
Page Ref. Manual <u>2-20</u>		Page Ref. Manual _____

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

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	Treatment Area II
Lime _____ Tons/acre or correct to pH <u>6.5</u>	Lime _____ Tons/acre or correct to pH _____
Fertilizer <u>500</u> lbs/acre (10-20-20 or equivalent)	Fertilizer _____ lbs/acre (10-20-20 or equivalent)
Mulch <u>Silva Fiber</u> Tons/acre	Mulch _____ Tons/acre
Seed* <u>Ky 31 Tall Fescue</u> 20 lbs/acre	Seed* _____ lbs/acre
<u>Flatpea</u> 20 lbs/acre	_____ lbs/acre
_____ lbs/acre	_____ lbs/acre

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

03/29/2024

PLAN PREPARED BY John Strickling
ADDRESS Court Street
West Union, WV 26456
PHONE NO. 873-2567

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

5000 a-8
5 items

255

A S S I G N M E N T

THIS ASSIGNMENT, Made and entered into this 15th day of December, 1982, by and between HAUGHT, INC., a West Virginia corporation, hereinafter referred to as party of the first part, and M & J JOINT VENTURE, a partnership, hereinafter referred to as party of the second part.

WITNESSETH: That for and in consideration of the sum of Five (\$5.00) Dollars, cash in hand paid, and other good and valuable considerations, the receipt of all of which is hereby acknowledged, the party of the first part does hereby sell, assign, transfer and convey all of its right, title and interest unto the party of the second part in and to that certain leasehold estate lying and being situate in Grant District, Ritchie County, West Virginia, and more specifically referred to as the Ralph Six Lease containing 81-1/2 acres, and leases dated January 2, 1978, are of record in the Ritchie County Clerk's Office in Lease Book 125, at page 588, and Lease Book 129, at page 477.

It is understood between the parties hereto that all drilling rights from the surface to the base of the Big Injun Sand have previously been assigned to Reserve Associates.

It is further understood between the parties hereto that the party of the first part hereby reserves 1/16 of 7/8 overriding royalty free of all costs in the lease hereby assigned.

WITNESS the following signature.

HAUGHT, INC.,

By: Warren R. Haught
WARREN R. HAUGHT, President

RECEIVED 03/29/2024
DEC 15 1982
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

STATE OF WEST VIRGINIA,

COUNTY OF WOOD, TO-WIT:

I, Jack W. Floyd, a Notary Public in and for the county and state aforesaid, do hereby certify that WARREN R. HAUGHT, the President of HAUGHT, INC., a West Virginia corporation, whose name is signed to the foregoing writing, bearing date the 1st day of December, 1982, has this day acknowledged the same before me in my said county, to be the act and deed of said corporation.

Given under my hand this 1 day of December, 1982.

My commission expires: Feb. 23, 1992.

Jack W. Floyd
Notary Public in and for
Wood County, West Virginia

This Instrument Prepared By:
R. BRUCE WHITE, Attorney at Law
217 Fourth Street, P. O. Box 1016
Parkersburg, WV 26101

03/29/2024

1019-0-50127-VENTURE

ad and admitted to record in the office
the Clerk of the County Commission of Ritchie
County, W. Va. DEC 9 1982
at 9:20 o'clock A. M.
Recorded in lease
Book No. 151 Page 355
Clerk Linda B. Maye

(Form CC No. 1)

STATE OF WEST VIRGINIA,

Ritchie County Commission Clerk's Office, _____ December 9th, 19 82 at 9:20 o'clock A.M.

The foregoing writing, with the certificate of acknowledgment thereto, was this day admitted to record in said office.

Teste: Linda B. Maye, Clerk

03/29/2024

#5000
[257
A S S I G N M E N T

THIS ASSIGNMENT, Made and entered into this 7th day of December, 1982, by and between M & J JOINT VENTURE, a partnership, hereinafter referred to as party of the first part, and KEY OIL, INC., a Delaware Corporation, hereinafter referred to as party of the second part.

WITNESSETH: That for and in consideration of the sum of Five (\$5.00) Dollars, cash in hand paid, and other good and valuable considerations, the receipt of all of which is hereby acknowledged, the party of the first part does hereby sell, assign transfer and convey all of its right, title and interest unto the party of the second part in and to that certain leasehold estate lying and being situate in Grant District, Ritchie County, West Virginia, and more specifically referred to as the Ralph Six Lease containing 81½ acres, and leases dated January 2, 1978, are of record in the Ritchie County Clerk's Office in Lease Book 125, at page 588, and in Lease Book 129, at page 477.

It is understood between the parties hereto that all drilling rights from the surface to the base of the Big Injun Sand have previously been assigned to Reserve Associates.

This assignment is subject to an overriding royalty in the amount of 5.469% reserved by Haught, Inc., and M & J Joint Venture does hereby specifically reserve an overriding royalty in the amount of 3.500%.

WITNESS the following signature.

M & J JOINT VENTURE

BY Mildred G. Taylor

Mildred G. Taylor, a Partner

STATE OF WEST VIRGINIA
COUNTY OF ROANE, TO-WIT:

I, Hazel Perrine, a Notary Public in and for the county and state aforesaid, do hereby certify that Mildred G. Taylor, partner of M & J Joint Venture, whose name is signed to the foregoing writing, bearing date the 7th day of December, 1982, has this day acknowledged the same before me in my said county, to be the act and deed of said partnership.

Given under my hand this 7th day of December, 1982.

My commission expires: April 16, 1985.

Hazel Perrine
Notary Public

This instrument prepared by:
M & J Joint Venture
P. O. Box 727
Spencer, WV 25276

03/29/2024
RECEIVED

DEC 15 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

M + S Solid Venture

ad and admitted to record in the office
of the Clerk of the County Commission of Ritchie
County, W. Va. DEC 9 1982
at 9:20 o'clock A.M.
Recorded in heesse
Book No. 151 Page 257
Wester: Linda B. Mang
Clerk

STATE OF WEST VIRGINIA,

(Form CC No. 1)

Ritchie County Commission Clerk's Office, ----- December 9th, 1982 at 9:20 o'clock A.M.

The foregoing writing, with the certificate of acknowledgment thereto, was this day admitted to record in said office.

Teste: Linda B. Mang -----, Clerk

03/29/2024



Key Oil, Inc., 139 Main Street
P.O. Box 709
Spencer, WV 25276
(304) 927-5490

May 31, 1983

OFFICE OF OIL & GAS
1615 Washington St., East
Charleston
West Virginia 25311

Dear Sirs:

Enclosed please find copies of various assignments showing the transfer of ownership from KEY OIL, INC. to MAGNA ENERGY CORPORATION and from MAGNA ENERGY CORPORATION to WESTERN RESERVE OIL AND GAS COMPANY, LTD., for the following wells, listed by permit number, in Grant District of Ritchie County, West Virginia.

47-085-6059
47-085-6091
47-085-6127
47-085-6121
47-085-6128
47-085-6122
47-085-6120
47-085-6126
47-085-6156
47-085-6157
47-085-6211
47-085-6236
47-085-6187

47-085-6158
47-085-6189
47-085-6214
47-085-6215
47-085-6216
47-085-6217
47-085-6290
47-085-6235
47-085-6282
47-085-6283
47-085-6289
47-085-6294

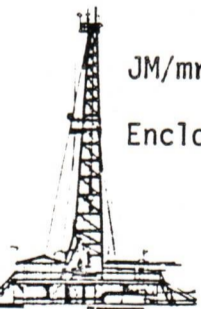
Please amend your records to reflect the proper ownership of said wells.

Very truly yours,

Joe M. Laughlin
Joe McLaughlin
President

JM/mr

Enclosures



RECEIVED
JUN 5 1983

OIL & GAS DIVISION
DEPT. OF MINES

03/29/2024

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Top Stage	3014-3252	25 - 0.39" holes
1000 gallons	15% HCl Acid	800,000 scf N ₂
Bottom Stage	3532-3928	0.39" holes
1000 gallons	15% HCl Acid	846,000 scf N ₂

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Siltstone/Shale			1015	1165	
Sand			1165	1245	
Siltstone/Shale			1245	1415	
Sand			1415	1470	
Shale			1470	1500	
Sand			1500	1540	
Shale			1540	1675	
Sand			1675	1690	
Shale			1690	1745	
Lime			1745	1795	
Snad			1795	1945	
Shale			1945	1955	
Sand			1955	2000	
Shale			2000	2120	
Siltstone			2120	2185	
Shale/Siltstone			2185	2480	
Siltstone			2480	2530	
Shale			2530	2585	
Siltstone			2585	2650	
Siltstone/Shale			2650	2720	
Shale			2720	2770	
Sand			2770	2790	
Shale			2790	3610	
Shale/Siltstone			3610	3830	
Siltstone			3830	3840	
Shale/Siltstone			3840	4280	

(Attach separate sheets as necessary)

KEY OIL, INC.

Well Operator

03/29/2024

By: Barry K. Lay

Barry K. Lay

Date: March 25, 1983

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."



IV-35
(Rev. 18-81)
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JUL 27 1983

Date March 25, 1983
Operator's
Well No. 5000-2
Farm R. K. Six
API No. 47 - 085 - 6091

State of West Virginia
Department of Mines
Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil x / Gas x / Liquid Injection / Waste Disposal /
(If "Gas," Production x / Underground Storage / Deep / Shallow x /)

LOCATION: Elevation: 882' Watershed Low Gap Run
District: Grant County Ritchie Quadrangle Harrisville 7.5'

COMPANY KEY OIL, INC.

ADDRESS P. O. Box 709, Spencer, WV 25276

DESIGNATED AGENT Joe McLaughlin

ADDRESS P. O. Box 709, Spencer, WV 25276

SURFACE OWNER Ralph K. Six

ADDRESS 120 Main, Harrisville, WV

MINERAL RIGHTS OWNER Same

ADDRESS Same

OIL AND GAS INSPECTOR FOR THIS WORK

S.N. Hersman ADDRESS P.O. Box 66, Smithville

PERMIT ISSUED Dec. 28, 1982

DRILLING COMMENCED Dec. 29, 1982

DRILLING COMPLETED Jan. 4, 1983

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	1109	1109	311
7			
5 1/2			
4 1/2	4302	4302	390
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 5,700' feet

Depth of completed well 4304 feet Rotary x / Cable Tools

Water strata depth: Fresh 185 feet; Salt 1590 feet

Coal seam depths: N/A Is coal being mined in the area?

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 3214-3926 feet

Gas: Initial open flow N/A Mcf/d Oil: Initial open flow Show Bbl/d

Final open flow 600 Mcf/d Final open flow 190 Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 550 psig (surface measurement) after 24 hours shut in

(If applicable due to multiple completion--)

Second producing formation Pay zone depth feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d

Final open flow Mcf/d Oil: Final open flow Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

R-1-6091

03/29/2024

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

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DEC 21 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6091

Oil or Gas Well _____
(KIND)

Company <u>Key Oil Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Ralph N. Six</u>	16			Kind of Packer _____
Well No. <u>5000-2</u>	13			
District <u>Grant</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 3/4			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: Check out complaint by Ralph Six - "Land owner" of reclamation not being followed - talked to logger operator "employed by Haughtclub." and called Key Oil Co. to discuss situation - Crew with chainsaws are to be on site at 10:00 A.M. - 12-18-82 clearing timber proper.

12-17-82
DATE

Samuel N. Heroman
DISTRICT WELL INSPECTOR

03/29/2024

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

RECEIVED

JAN 4 - 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6091

Oil or Gas Well _____
(KIND)

Company <u>Key Oil Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer
Address _____	16			
Farm <u>Ralph N. Siers</u>	13			
Well No. <u>5000-2</u>	10			Size of _____
District <u>Grant</u> County <u>Ritchie</u>	8 1/4			
Drilling commenced <u>12-28-82</u>	6 5/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names H. Morehead R. Siers W. Farrell

Remarks: Ran 1109 feet of 8 5/8 casing
B.J. Hughes cemented

12-30-82
DATE

Samuel M. Hersman
DISTRICT WELL INSPECTOR

03/29/2024

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

RECEIVED
AUG 10 1983

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES
(KIND)

Permit No. 85-6091

Company Key Oil Inc.

Address _____

Farm R. K. Six

Well No. 5000-2

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 _____

STANTAS REPORT

Remarks: _____

Stamps AND BRUSH work NOT complete!

8-5-83
DATE

[Signature]
03/29/2024
DISTRICT WELL INSPECTOR

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

RECEIVED

NOV 8 - 1983

OIL & GAS DIVISION
 DEPT. OF MINES

Permit No. 47-085-6091
 Company KEY OIL, INC.
 Inspector SAMUEL N. HERSMAN
 Date July 25, 1983

County Ritchie/ Dist-Grant
 Farm R. K. Six
 Well No. 5000-2

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	<u>X</u>	_____
23.04	Reclaimed Drilling Pits	<u>X</u>	_____
23.05	No surface or underground Pollution	_____	_____
7.03	Identification Markings	<u>X</u>	_____

COMMENTS:

Ok. To Release

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:

DATE:

Mike Underwood
11-4-83

03/29/2024

RECEIVED

NOV 2 - 1983

DEPT. OF MINES
OIL & GAS DIVISION

03/29/2024



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

WALTER N. MILLER
 DIRECTOR

THEODORE M. STREIT
 ADMINISTRATOR

November 28, 1983

Key Oil, Inc.
 P. O. Box 709
 Spencer, W. Va. 25276

Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

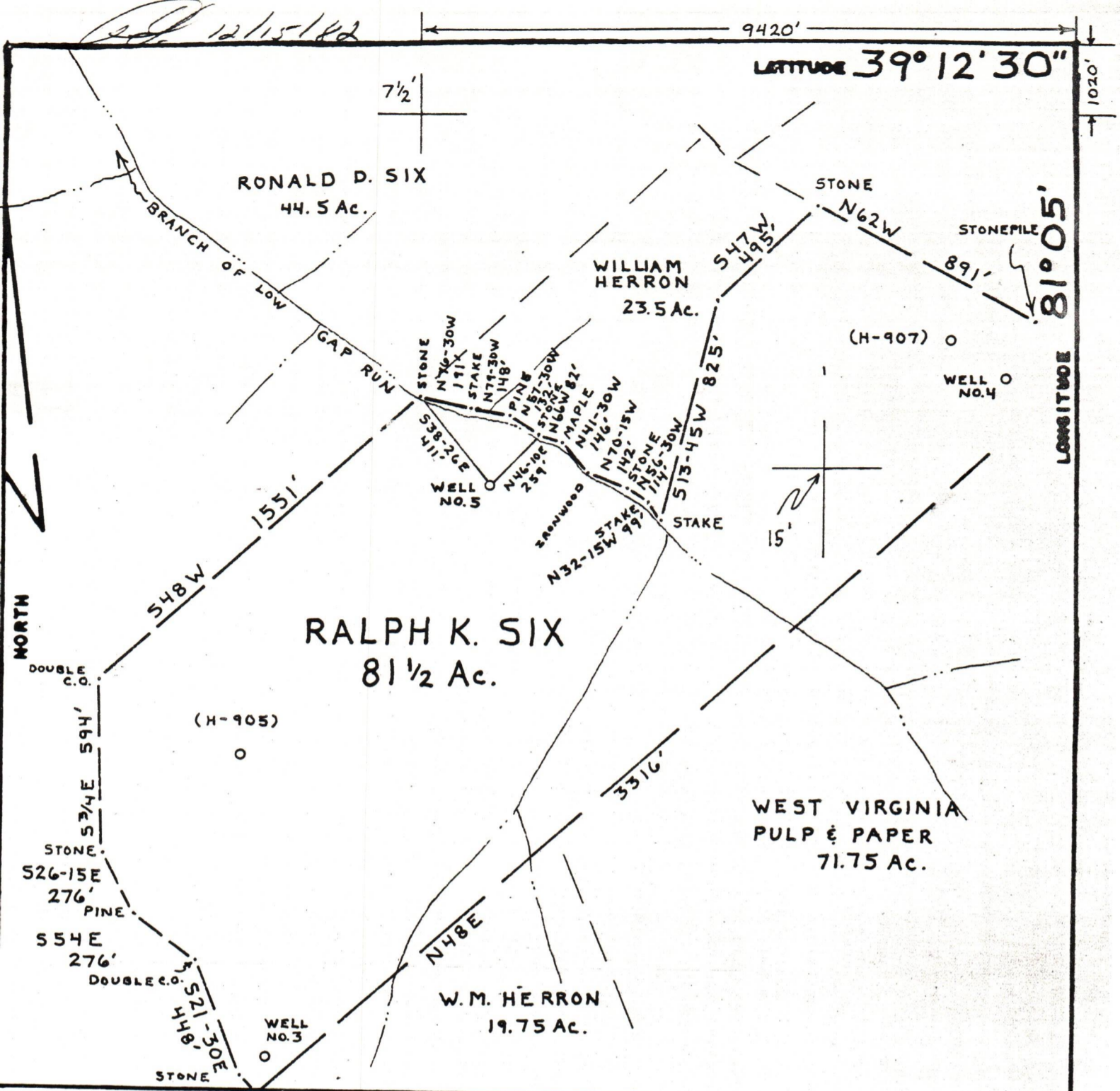
<u>PERMIT NUMBER</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>
RIT-6059	Ralph K. Six, #1	Grant
RIT-6091	Ralph K. Six, #5000-2	Grant
RIT-6127	Ralph K. Six, #5000-3	Grant
RIT-6158	A. M. Douglass Heirs/Louis Six, #717-1	Grant
RIT-6189	Clifton Valentine/Clellie Rexroad, #721-1	Grant
RIT-6216	James McNamee/Westvaco, #725-4	Grant
RIT-6217	James McNamee/Westvaco, #725-5	Grant
RIT-6290	E. D. Salmons, #728-1	Grant
RIT-6294	E. D. Salmons, #731-1	Grant

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.....

Very truly yours,

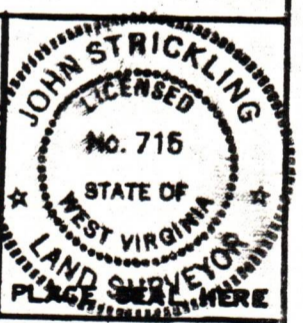
Theodore M. Streit, Administrator
 Office of Oil & Gas-Dept. Mines

03/29/2024



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION HIGH KNOB ELEV. 1179'

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) John Strickling
 R.P.E. _____ L.L.S. 715



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)

DATE 14, DECEMBER, 19 82
 OPERATOR'S WELL NO 5000-2
 API WELL NO. 47-085
 STATE COUNTY 6091 PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 882' WATER SHED LOW GAP RUN
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE HARRISVILLE W. VA. 7 1/2'
 SURFACE OWNER RALPH K. SIX, ET. UX. ACREAGE 81 1/2
 OIL & GAS ROYALTY OWNER RALPH K. SIX, ET. UX. LEASE NO. 5000 LEASE ACREAGE 81 1/2
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUS OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION MARCELLUS SHALE ESTIMATED DEPTH 5700'
 WELL OPERATOR KEY OIL, INC. DESIGNATED AGENT JOE McLAUGHLIN
 ADDRESS P.O. BOX 709 ADDRESS P.O. BOX 709
SPENCER, W. VA. 25276 SPENCER, W. VA. 25276

03/29/2024