

1) Date: June 22, 1983  
 2) Operator's Well No. KEM #198 Revised  
 3) API Well No. 47 - 035 - 1889  
 State: \_\_\_\_\_ County: \_\_\_\_\_ Permit: \_\_\_\_\_

DRILLING CONTRACTOR:

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

Clint Hurt

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELLYTYPE: A Oil \_\_\_\_\_ / Gas X /  
 B (If "Gas", Production X / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X /)
- 5) LOCATION: Elevation: 699 / Watershed: Grasslick Creek  
 District: Ripley / County: Jackson / Quadrangle: Kenna
- 6) WELL OPERATOR Kaiser Exploration and Mining Co. II DESIGNATED AGENT R. A. Pryce  
 Address P. O. Box 8 / Address Same  
Ravenswood, WV 26164
- 7) OIL & GAS ROYALTY OWNER James K. Sexton et al  
 Address Rt. 3  
Ripley, WV 25271  
 Acreage 115.67
- 8) SURFACE OWNER Same  
 Address \_\_\_\_\_  
 Acreage \_\_\_\_\_
- 9) FIELD SALE (IF MADE) TO:  
 Address \_\_\_\_\_
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Homer Dougherty  
 Address Linden Rt., Box 3A, Looneyville, WV
- 12) COAL OPERATOR None  
 Address \_\_\_\_\_
- 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Name None  
 Address \_\_\_\_\_
- 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, Devonian Brown Shale
- 17) Estimated depth of completed well, 4615 feet
- 18) Approximate water strata depths: Fresh, \_\_\_\_\_ feet; salt, \_\_\_\_\_ feet.
- 19) Approximate coal seam depths: \_\_\_\_\_ Is coal being mined in the area? Yes \_\_\_\_\_ / No \_\_\_\_\_

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 <u>By Rule 15-05</u>
Fresh water	<u>10 3/4"</u>			<u>X</u>		<u>250</u>	<u>250</u>	<u>150 sks class A</u>	<u>to surface</u>
Coal								<u>65 sks 50/50</u>	<u>pozmix</u>
Intermediate	<u>7"</u>			<u>X</u>		<u>1985</u>	<u>1985</u>	<u>100 sks class A</u>	<u>to 50'</u>
Production	<u>4 1/2"</u>			<u>X</u>		<u>4615</u>	<u>4615</u>	<u>225 sks 50/50</u>	<u>pozmix</u>
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: \_\_\_\_\_  
 My Commission Expires \_\_\_\_\_

Signed: R. A. Pryce  
 Its: General Manager

OFFICE USE ONLY

Permit number 47-035-1889 DRILLING PERMIT Date September 09/08/2023

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. 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 September 2, 1985 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>ek</u>	Plat: <u>PL</u>	Casing: <u>PL</u>	Fee: <u>963999</u>
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[Signature]  
 Administrator, Office of Oil and Gas



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

- (i) Name James Sexton  
Address Rt. 3  
Ripley, WV 25271
- (ii) Name \_\_\_\_\_  
Address \_\_\_\_\_
- (iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR None  
Address \_\_\_\_\_

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name None  
Address \_\_\_\_\_

Name \_\_\_\_\_  
Address \_\_\_\_\_

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name None  
Address \_\_\_\_\_

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

6) 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.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other 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.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

R. A. Pryce  
this 16 day of June, 19 83.  
My commission expires 12-01, 19 85.

Faith Ann Halbert  
Notary Public, Jackson County,  
State of West Virginia

WELL

OPERATOR Kaiser Exploration and Mining Co.

By R.A.P.  
Its General Manager  
Address P.O. Box 8  
Ravenswood, WV 26164  
Telephone 304-273-5371



I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code §§ 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, 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 § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code §§ 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
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Kaiser Exploration and Mining Co. James Sexton	1/8 of prevailing field price	169/438
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09/08/2023





IV-9  
(Rev 8-81)

DATE May 27, 1983

WELL NO. KEM #198 Revised

State of West Virginia

API NO. 47-035-1889

Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Kaiser Exploration and Mining Co. DESIGNATED AGENT Same

Address P. O. Box 8, Ravenswood, WV 26164 Address \_\_\_\_\_

Telephone 273-5371 Telephone \_\_\_\_\_

LANDOWNER James K. Sexton SOIL CONS. DISTRICT Western

Revegetation to be carried out by Kaiser Exploration and Mining Company (Agent)

This plan has been reviewed by Western SCD. All corrections and additions become a part of this plan: June 4 1983 (Date)

Wayne W. Hughes  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure None required (A)

Structure None required (1)

Spacing \_\_\_\_\_

Material \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

Structure \_\_\_\_\_ (B)

Structure \_\_\_\_\_ (2)

Spacing \_\_\_\_\_

Material \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

Structure \_\_\_\_\_ (C)

Structure \_\_\_\_\_ (3)

Spacing \_\_\_\_\_

Material \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

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

Treatment Area II

Lime 4 Tons/acre  
or correct to pH \_\_\_\_\_

Lime Same as Area I Tons/acre  
or correct to pH \_\_\_\_\_

Fertilizer 14-14-14 600 lbs/acre  
(10-20-20 or equivalent)

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

Mulch Hay 2 Tons/acre

Mulch \_\_\_\_\_ Tons/acre

Seed\* 81% Orchard Grass/15% Rye 32 lbs/acre

Seed\* \_\_\_\_\_ lbs/acre

Red Clover 8 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.

PLAN PREPARED BY Vincent Wood 09/08/2023

ADDRESS 116 Pfostr Avenue

Ripley, WV 25271

PHONE NO. 372-2709

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


MEADOW




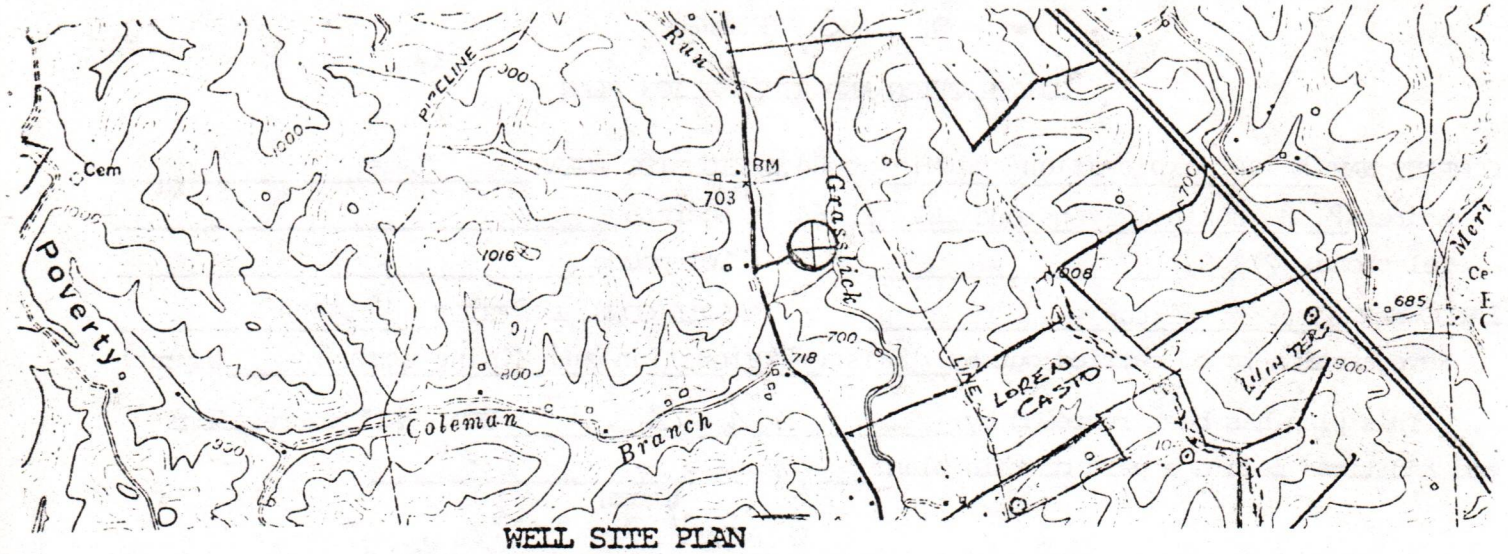
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE KENNA

**LEGEND**

Well Site 


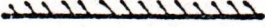










Access Road 

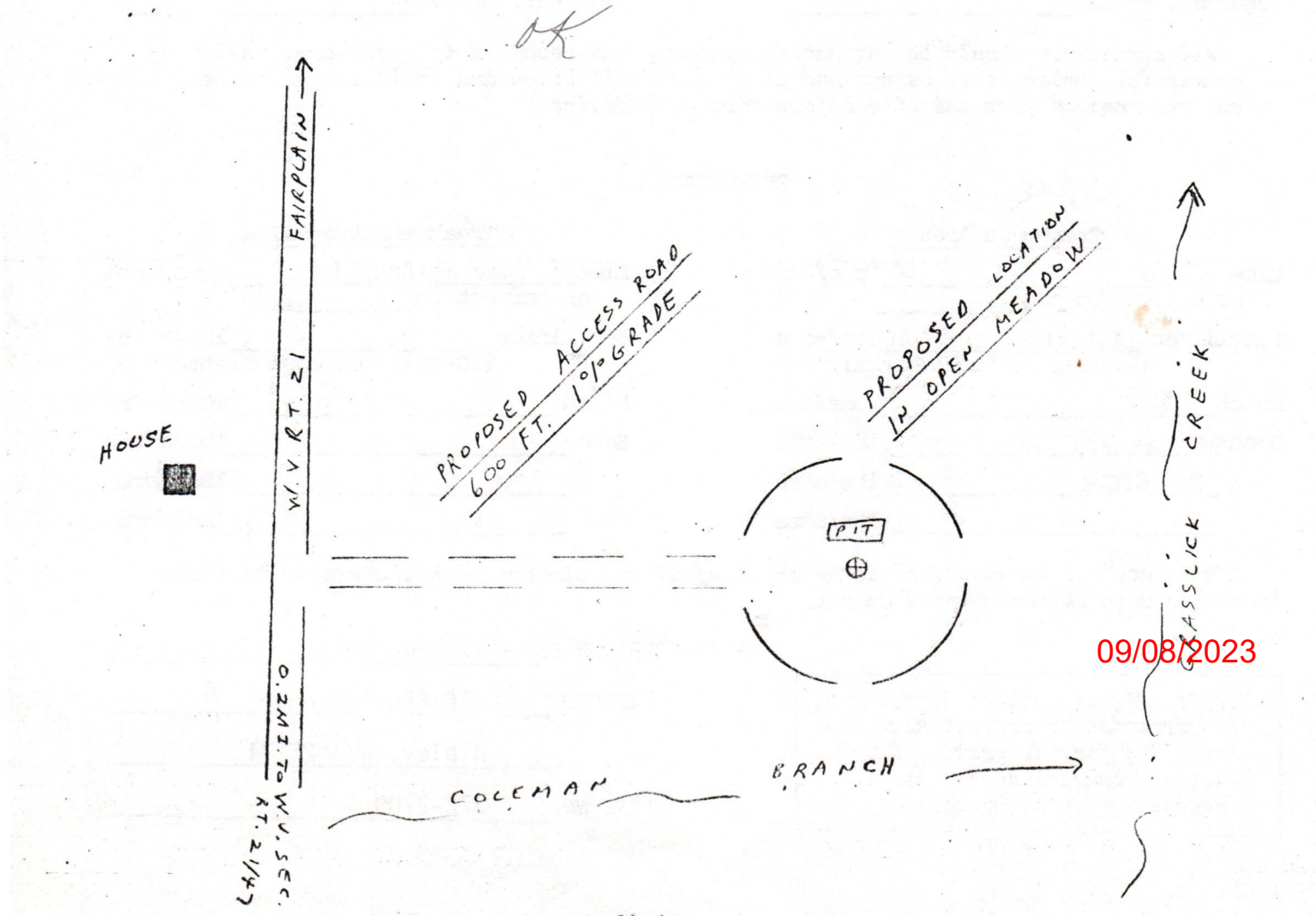


**WELL SITE PLAN**

Sketch to include well location, existing access road, roads to be constructed, well site, 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 





1) Date: June 16, 19 83  
2) Operator's Well No. KEM #198 Revised  
3) API Well No. 47 035 1676  
State County Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

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Address Rt. 3  
Ripley, WV 25271

(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_

(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

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Address \_\_\_\_\_

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Name None  
Address \_\_\_\_\_

Name \_\_\_\_\_  
Address \_\_\_\_\_

5 (iii) COAL LESSEE WITH DECLARATION ON RECORD:  
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Address \_\_\_\_\_

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The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

R. A. Pryce  
this 16 day of June, 19 83.  
My commission expires 12-01, 19 85.

Jacqueline Ann Halbert  
Notary Public, Jackson County,  
State of West Virginia

WELL

OPERATOR Kaiser Exploration and Mining Co.

By R. A. Pryce  
Its General Manager  
Address P. O. Box 8  
Ravenswood, WV 26164  
Telephone 304-273-5371

09/08/2023



I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
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- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
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Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)  
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

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- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.      Grantee, lessee, etc.      Royalty      Book Page

Kaiser Exploration and Mining Co. James Sexton      1/8 of prevailing field price      169/438





KAISER EXPLORATION AND MINING COMPANY

LEASE SUMMARY

KEM # 198

Tract Discription

County: Jackson  
District: Ripley  
Acres: 115  
Bounded By: North - K. H. Armentrout  
East - Hoy Casto  
South - Hoy Casto  
West - R. H. Winter

Lease Parties

Lessor(s): James K. and Barbara Sexton  
Lessee: Kaiser Exploration and Mining Company

Recording Information

Book and Page: 169/438

Royalty Provision

1/8 of prevailing field price

09/08/2023



AFFIDAVIT OF PERSONAL SERVICE

STATE OF WEST VIRGINIA,  
COUNTY OF JACKSON :

The undersigned, being first duly sworn, says that the undersigned served a copy of (1) Notice of Application, (2) "Surface Owner's Copy" Application for a Well Work Permit, (3) plat showing well location (Form IV-6), and (4) the Construction and Reclamation Plan (Form IV-9) for operator's Well No. KEM 198 Rev. located in Ripley District, JACKSON County, West Virginia, upon JAMES K. SEXTON & BARBARA SEXTON WIFE, by handing to them (him, her, them) the copies in JACKSON County, State of WEST VIRGINIA on the 18<sup>th</sup> day of June, 1983.

[Signature]

Taken, subscribed and sworn before me this 20<sup>th</sup> day of June, 1983.

My commission expires June 6, 1985.

[Signature]  
Notary Public

(IF NOTARIZED OUTSIDE THE STATE AFFIX SEAL)

**RECEIVED**  
JUN 21 1983

OIL & GAS DIVISION  
DEPT. OF MINES



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OFFICE OF OIL & GAS

APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A. Oil \_\_\_ / Gas X /  
 B. (If "Gas", Production X / Underground storage \_\_\_ / Deep \_\_\_ / Shallow \_\_\_ /
- 5) LOCATION: Elevation: 699 Watershed Grasslick Creek  
 District: Ripley County: Jackson Quadrangle: Kenna
- 6) WELL OPERATOR Kaiser Exploration and Mining Co. 7) DESIGNATED AGENT R. A. Pryce  
 Address P. O. Box 8 Address Same  
Ravenswood, WV 26164
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Homer Dougherty Name Clint Hurt & Associates  
 Address Linden Rt., Box 3A Address P. O. Box 388  
Looneyville, WV Elkview, WV 25071
- 10) PROPOSED WELL WORK: Drill X / Drill Deeper \_\_\_ / Redrill \_\_\_ / Stimulate \_\_\_ /  
 Plug off old formation \_\_\_ / Perforate new formation \_\_\_ /  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Devonian Brown Shale
- 12) Estimated depth of completed well (or actual depth of existing well), 4615 feet
- 13) Approximate water strata depths: Fresh, \_\_\_ feet; salt, \_\_\_ feet.
- 14) Approximate coal seam depths: \_\_\_\_\_ Is coal being mined in the area? Yes \_\_\_/No \_\_\_
- 15) 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	10 3/4"			X		250	250	225 sks class A	to surface
Coal								65 sks 50/50	Size 20 mix
Intermediate	7"			X		1985	1985	100 sks class A	
Production	4 1/2"			X		4615	4615	225 sks 50/50	Size 20 mix
Tubing									
Liners									Perforations:
									Top Bottom

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application (or less than 5 days if the Application is to plug a well), if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

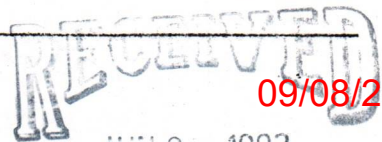
NAME: \_\_\_\_\_

James H. Linton, MD Date: 6/18/83  
 (Signature)

By \_\_\_\_\_

Barbara Sexton Date: 6/18/83  
 (Signature)

Its \_\_\_\_\_ Date: \_\_\_\_\_



09/08/2023

JUN 21 1983



INSTRUCTIONS TO SURFACE OWNERS  
AND  
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT  
ON OIL AND GAS WELL WORK PERMIT

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) Permit will be good for 24 months. See Chapter 22, Article 4 of the W. Va. Code.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas  
West Virginia Department of Mines  
1615 Washington Street East  
Charleston, WV 25311  
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be personally served or mailed to you on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments as provided in Methods for Filing Comments below. (This time is changed to FIVE (5) DAYS from the filing date if the permit is only to plug a well.) You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments should include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the Application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

09/08/2023



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DEC 12 1984



IV-35  
(Rev 8-81)

OIL & GAS DIVISION  
DEPT. OF MINES

State of West Virginia  
Department of Mines  
Oil and Gas Division

Date October 1, 1984  
Operator's  
Well No. K-198 Sexton  
Farm Sexton  
API No. 47 - 035 - 1889

CONFIDENTIAL

Cannot be held T.O. 4244 WELL OPERATOR'S REPORT  
OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 699 Watershed Grasslick Creek  
District: Ripley County Jackson Quadrangle Kenna

COMPANY KEM Gas  
ADDRESS P.O. Box 8, Ravenswood WV 26164  
DESIGNATED AGENT R.A. Pryce  
ADDRESS same  
SURFACE OWNER James Sexton  
ADDRESS Rt. 3, Ripley WV 25271  
MINERAL RIGHTS OWNER James Sexton  
ADDRESS Rt. 3, Ripley WV 25271  
OIL AND GAS INSPECTOR FOR THIS WORK Jerry  
Tephabock ADDRESS \_\_\_\_\_

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10 3/4		631	275 sk class A 3% CaCl <sub>2</sub>
9 5/8			
8 5/8			
7		2126	175 sk 50/50 poz 100 sk class A
5 1/2			
4 1/2		4195	225 sk 50/50 poz
3			
2			
Liners used			

PERMIT ISSUED September 2, 1983  
DRILLING COMMENCED September 5, 1984  
DRILLING COMPLETED September 11, 1984  
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON \_\_\_\_\_

GEOLOGICAL TARGET FORMATION Devonian Brown Shale Depth 4244 feet  
Depth of completed well 4244 feet Rotary x / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh \_\_\_\_\_ feet; Salt \_\_\_\_\_ feet  
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA Drilled on fluid, not known  
Producing formation Brown Shale Pay zone depth 4244 feet  
\* Gas: Initial open flow 0 Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 750 commingled Mcf/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ hours  
Static rock pressure 1000 psig (surface measurement) after \_\_\_\_\_ hours shut in  
(If applicable due to multiple completion--)  
\* Second producing formation Berea Sandstone Pay zone depth 2355 feet  
Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Bbl/d  
Final open flow 750 commingled Mcf/d Oil: Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 4 hours  
Static rock pressure 1000 psig (surface measurement) after 72 hours shut in

\* Test from comingled zones

(Continue on reverse side)

JACK-1889



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

9-13-84 Young wireline perfed brown shale 3934-4173 20 holes and berea sandstone 2355-2365 30 holes  
 9-12-84 20 holes Foam Frac brown shale w/60000 lbs. 20/40 sand 649 msCF N<sub>2</sub>, 324 BBL fluid  
 Foam frac berea sandstone w/60000 lbs 20/40 sand, 688 msCF N<sub>2</sub> and 350 BBL fluid

1202/80/60

WELL LOG

FORMATION COLOR HARD OR SOFT  
 TOP FEET  
 BOTTOM FEET  
 REMARKS  
 Including indication of all fresh and salt water, coal, oil and gas

DRILLERS' DEPTH:  
 (top hole not logged)

Shale, Sand, Siltstone  
 Big Lime  
 Big Injun  
 Shale

LOG DEPTHS:

Coffee Shale  
 Berea Sand  
 Shale  
 Brown Shale  
 Shale  
 Total Depth

2358	2358	2358	S/g
2369	2369	2369	S/g
3604	3604	4173	S/g @ 3445
4173	4173	4244	S/g @ 3654, 4135
4244	4244		

(Attach separate sheets as necessary)

Kaiser Exploration and Mining Company  
 Well Operator

By: R. V. P.

Date: October 1, 1984

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 formations encountered in the drilling of a well."

DEPT. OF MINES

CONFIDENTIAL



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

**RECEIVED**  
AUG 31 1984

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

Permit No. 035 1889

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>Kaiser Exploration</u>	<b>CASING AND TUBING</b>	<b>USED IN DRILLING</b>	<b>LEFT IN WELL</b>	<b>PACKERS</b>
Address _____	Size			
Farm <u>Sexton</u>	16			Kind of Packer _____
Well No. <u>Kem 198</u>	13			
District _____ County <u>Jackson</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			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:

Ready to dig pit for Rig to move onto.

8 30 84  
DATE

*James T. ...* **09/08/2023**



Form 26  
2/16/82

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION  
**INSPECTOR'S PLUGGING REPORT**

Permit No. \_\_\_\_\_ Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner			Location			Amount			Packer			Location		
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING								
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			RECOVERED	SIZE	LOST						

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_ I hereby certify I visited the above well on this date.

DATE

09/08/2023





**RECEIVED**  
JAN 23 1985  
OIL & GAS DIVISION  
DEPT. OF MINES

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

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
December 19, 1984

COMPANY Kaiser Exploration & Mining Co. PERMIT NO 035-1889  
P. O. Box 8 FARM & WELL NO James Sexton #KEM-198  
Ravenswood, West Virginia 26164 DIST. & COUNTY Ripley/Jackson

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	X	
25.04	Prepared before Drilling to Prevent Waste	X	
25.03	High-Pressure Drilling	X	
16.01	Required Permits at Wellsite	X	
15.03	Adequate Fresh Water Casing	X	
15.02	Adequate Coal Casing	X	
15.01	Adequate Production Casing	X	
15.04	Adequate Cement Strenght	X	
15.05	Cement Type	X	
23.02	Maintained Access Roads	X	
25.01	Necessary Equipment to Prevent Waste	X	
23.04	Reclaimed Drilling Pits	X	
23.05	No Surface or Underground Pollution	X	
23.07	Requirements for Production & Gathering Pipelines	X	
16.01	Well Records on Site		
16.02	Well Records Filed		
7.05	Identification Markings	X	

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED *Jeffrey Tephob...*  
DATE 1 1985

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

*T. H. ...*  
Administrator-Oil & Gas Division

January 28, 1985

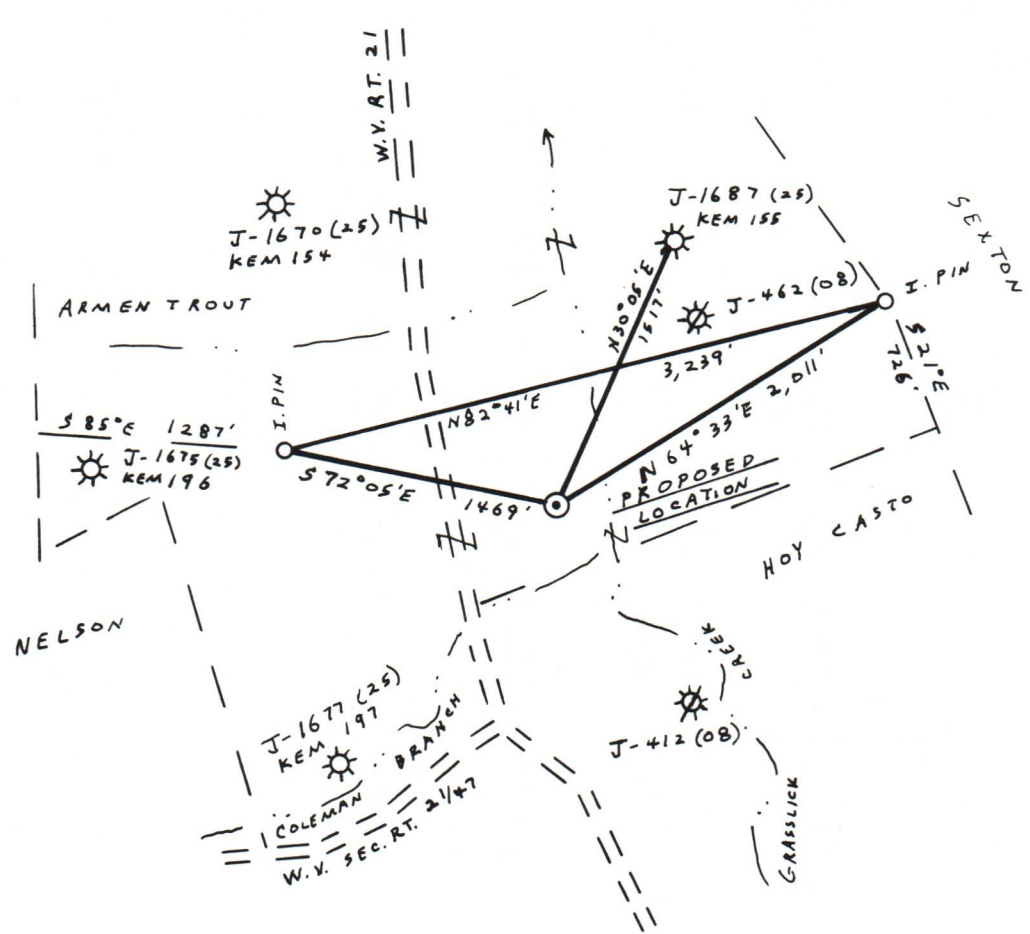
DATE



2,300'

LATITUDE 38° 45' 00"

LONGITUDE 81° 40' 00"



S 15 E 8

FILE NO. 6-20  
 DRAWING NO. REV. No. 1  
 SCALE 1"=1,000'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION B.M. ELEV. 703  
N 34° W 984' FROM LOCATION

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) Vincent W. Wood  
 R.P.E. \_\_\_\_\_ L.L.S. 664

PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE MAY 23, 19 83  
 OPERATOR'S WELL NO. KEM 198 REV.  
 API WELL NO. 47-035-1889  
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 699 WATER SHED GRASSLICK CREEK  
 DISTRICT RIPLEY COUNTY JACKSON  
 QUADRANGLE KENNA  
 SURFACE OWNER JAMES K. SEXTON ACREAGE 115.67  
 OIL & GAS ROYALTY OWNER JAMES K. SEXTON, ET AL. LEASE ACREAGE 115.67  
 LEASE NO. 83-04-1754  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

09/08/2023

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION DEVONIAN BROWN SHALE ESTIMATED DEPTH 11625'  
 WELL OPERATOR KAISER EXPLOR. & MIN. CO. DESIGNATED AGENT KAISER EXPLORATION AND MINING CO.  
 ADDRESS P.O. BOX 8 ADDRESS P.O. BOX 8  
RAVENSWOOD, W. V. 26164 RAVENSWOOD, W. V. 26164

FORM IV-6 (8-78)

JACK 1887