



1) Date: August 9, 19 83
 2) Operator's Well No. KEM #472
 3) API Well No. 47 - 035 - 1891
 State _____ County _____ Permit _____

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

APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 752' Watershed: Mill Creek
 District: Ripley County: Jackson Quadrangle: Ripley
- 6) WELL OPERATOR Kaiser Exploration and Mining Co. 7) DESIGNATED AGENT R. A. Pryce
 Address P. O. Box 8 Address P. O. Box 8
Ravenswood, WV 26164 Ravenswood, WV 26164
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Homer Dougherty
 Address Linden Rt., Box 3A
Looneyville, WV
- 9) DRILLING CONTRACTOR: Name Clint Hurt
 Address P. O. Box 388
Elkview, WV
- 10) PROPOSED WELL WORK: Drill / 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, 4957 feet
 13) Approximate strata depths: Fresh, 252 feet; salt, _____ feet.
 14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes / No
- 15) CASING AND TUBING PROGRAM

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OIL & GAS DIVISION
DEPT. OF MINES

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>			<input checked="" type="checkbox"/>		<u>300-250'</u>	<u>300-250'</u>	<u>150 sks class A to surface</u>	
Coal									Sizes
Intermediate	<u>7"</u>			<input checked="" type="checkbox"/>		<u>2177</u>	<u>2177</u>	<u>65 sks 50/50</u>	<u>pozmix</u>
Production	<u>4 1/2"</u>			<input checked="" type="checkbox"/>		<u>4957</u>	<u>4957</u>	<u>100 sks class A</u>	
Tubing								<u>225 sks 50/50</u>	<u>pozmix</u>
Liners									Perforations: Top _____ Bottom _____

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-035-1891 Date September 6 19 83

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. 8) 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.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof. September 6, 1985
 Permit expires _____ unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>[Signature]</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>964</u> <u>608</u>
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[Signature]
Administrator, Office of Oil and Gas

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



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PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

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1) WELL LOCATION: District: Ridley County: Jackson Quadrangle: Ridley Elevation: 752' Well No.: 47-035-1891 State: West Virginia County: Putnam

2) WELL OPERATOR: Kaiser Exploration and Mining Co. Designated Agent: R. A. Price Address: P.O. Box 8, Ravenswood, W.V. 26164

3) DRILLING CONTRACTOR: Name: Clint Hunt Address: P.O. Box 383, Elkhorn, W.V. 26039

4) PROPOSED WELL WORK: Drill 1/2" diameter hole to 100' depth. Plug old formation. Perform new formation test.

5) GEOLOGICAL TARGET FORMATION: Devonian Brown Shale

6) APPROXIMATE DEPTH OF COMPLETED WELL: 252'

7) APPROXIMATE STRATIGRAPHIC DEPTH: 252'

8) APPROXIMATE COAL SEAM DEPTH: 100'

9) APPROXIMATE COAL SEAM DEPTH: 100'

Casing or Tubing Type	Size	Applications		Footage Intervals		Cement Plug (Comp. Test)	Packers
		Gas	Water	For Drilling	For Well		
10 3/4" Class A to surface	10 3/4"	X		300'	300'		
7" Intermediate	7"	X		277'	277'		
4 1/2" Production	4 1/2"	X		252'	252'		

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: _____

Reason: _____

Board:	Agent:	BHP:	Casing:	Fee:
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09/08/2023



IV-9
(Rev 8-81)

DATE July 29, 1983

WELL NO. KEM #472

API NO. 47-035-1891

State of West Virginia

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Kaiser Exploration and Mining Co DESIGNATED AGENT R. A. Pryce

Address P. O. Box 8, Ravenswood, WV Address Same

Telephone 273-5371 Telephone _____

LANDOWNER Kenneth Carney 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: Aug 3 1983

(Date)

Raymond W. Hughes
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Road Culvert (A) Structure None required (1)

Spacing 16" diameter Material _____

Page Ref. Manual 2:4 Page Ref. Manual _____

Structure Drainage Ditch (B) Structure _____ (2)

Spacing Earthen Material _____

Page Ref. Manual 2:12 Page Ref. Manual _____

Structure Cross Drains (C) Structure _____ (3)

Spacing 60', 250' Material _____

Page Ref. Manual 2:4 Page Ref. Manual _____

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OIL & GAS DIVISION
DEPT. 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

OK
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% Ryegrass 16 lbs/acre

Seed* _____ lbs/acre

Kentucky 31 Fescue 16 lbs/acre

_____ lbs/acre

Red Clover 8 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.

1) Date: August 9, 1983
2) Operator's
Well No. KEM #472
3) API Well No. 47
State County Permit

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

5(i) COAL OPERATOR None

Address _____

(i) Name Kenneth & Denese Carney

Address Rt. 1, Box 17

Gay, WV 25244

(ii) Name _____

Address _____

(iii) Name _____

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.

RECEIVED

AUG 15 1983

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.

OIL & GAS DIVISION
DEPT. OF MINES

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 11 day of August, 1983.

My commission expires 12/01, 1983.

[Signature]

Notary Public, Jackson County,

State of West Virginia

WELL

OPERATOR Kaiser Exploration and Mining Company

By [Signature]

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.
- 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:

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

Kaiser Exploration and Mining Co. Kenneth Carney

1/8 of prevailing Being recorded
field price

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

STATE OF WEST VIRGINIA,
COUNTY OF JACKSON :

The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of--

- (1) Notice on Form IV-2(A) / Form IV-3(A) / Form IV-4(A) /
- (2) Application on Form IV-2(B) / Form IV-3(B) / Form IV-4(B) /
- (3) Plat showing the well location on Form IV-6, and
- (4) Construction and Reclamation Plan on Form IV-9 (unless the application is to plug a well)

--all with respect to operator's Well No. KE4472 located in Ripley District, JACKSON County, West Virginia, upon the person or organization named--

Kenneth Carney & Denese Carney, his wife

--by delivering the same in Jackson County, State of West Virginia on the 8th day of August, 1983 in the manner specified below.

[COMPLETE THE APPROPRIATE SECTION]

For an individual:

- Handing it to him / her or, because he / she refused to take it when I offered it, by leaving it in his / her presence.
- Handing it to a member of his or her family above the age of 16 years named _____ who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.

For a partnership:

- Handing it to _____, a partner of the partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.

For a limited partnership:

- Handing it to the general partner, named _____, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a corporation:

- Handing it to the corporation's employee / officer / director / attorney in fact / named _____.

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AUG 15 1983

OIL & GAS DIVISION
DEPT. OF MINES

D. G. Bolton
(Signature of person executing service)

Taken, subscribed and sworn before me this 11th day of August, 1983.
My commission expires December 1, 1985.

Faith Ann Halbert
Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)

09/08/2023

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IV-35
(Rev 8-81)

JAN 26 1984

OIL & GAS DIVISION
DEPT. OF MINES



State of West Virginia
Department of Mines
Oil and Gas Division

Date 11/11/83
Operator's
Well No. KEM-472
Farm Kenneth Carney
API No. 47 - 035 - 1891

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 X /)

LOCATION: Elevation: 752' Watershed Mill Creek
District: Ripley County Jackson Quadrangle Ripley

COMPANY KEMGAS

ADDRESS P. O. Box 8, Ravenswood, WV 26164

DESIGNATED AGENT Same

ADDRESS Same

SURFACE OWNER Kenneth Carney et al

ADDRESS Rt. 1, Box 17, Gay, WV 25244

MINERAL RIGHTS OWNER Same

ADDRESS Same

OIL AND GAS INSPECTOR FOR THIS WORK Homer

Dougherty ADDRESS Linden Rt., Box 3A, Looneyville, WV

PERMIT ISSUED 9/6/83

DRILLING COMMENCED 10/10/83

DRILLING COMPLETED 10/15/83

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"	10 3/4"	305'	200 sks Class A 3% CaCl ₂ 1 1/4#/sk flocele
9 5/8			
8 5/8			
7	7"	2193'	100 sks 50/50 poz-mix, 100 sks Class A
5 1/2			
4 1/2	4 1/2"	4298'	225 sks 50/50 poz-mix
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Brown Shale Depth 4324' feet

Depth of completed well 4324' feet Rotary X / Cable Tools

Water strata depth: Fresh -- feet; Salt feet Drilled on fluid--
--not known.

Coal seam depths: Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Brown Shale Pay zone depth 4251'-3677' feet

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

Final open flow 384 comingled Mcf/d Oil: Final open flow -- Bbl/d

Time of open flow between initial and final tests 4 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 2428'-2434' feet

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

Final open flow 384 comingled Mcf/d Oil: 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

comingled

(Continue on reverse side)

JACK 1891

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

1st Stage: Lower Brown Shale perforated from 4251'-4050'. Foam frac breakdown at 2000 psig, treated with 75% quality foam at 2600 psig. Used 60,000# 20/40 sand in 4-10 ppg concentrations. Used 725 MSCF nitrogen. Total sand laden fluid = 203 bbls, total fluid = 270 bbls. ISIP = 2570 psig, 5 min SIP = 1400 psig.

2nd Stage: Upper Brown Shale perforated from 3983'-3677'. Foam frac breakdown at 2400 psig. Treated with 75% quality foam at 2700 psig, used 50,000# 20/40 sand at concentrations of 4-10 ppg. Used 657 MCF nitrogen. Total sand laden fluid = 185 bbls; total fluid = 268 bbls. ISIP = 4000 psig; 5 min SIP = 3600 psig.

3rd Stage: Berea Sandstone perforated from 2428'-2434'. Foam frac breakdown at 2200 psig. Treated with 75% quality foam at 1900 psig. Used 60,000# 20/40 sand in 4-10 ppg concentrations. Used 670 MSCF nitrogen. Total sand laden fluid = 208 bbls; total fluid = 260 bbls. ISIP = 1600 psig, 5 min SIP = 1440 psig.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Soil and Shale			0	55	
Sand			55	303	
Shale			303	508	
Sand			508	560	
Shale			560	698	
Sand			698	710	
Shale and Siltstone			710	1106	
Sand			1106	1210	
Shale			1210	1238	
Sand			1238	1302	
Sand and Shale			1302	1662	
Salt Sands			1662	1828	
Big Lime (Greenbrier)			1828	1952	
Shale			1952	1973	
Big Injun			1973	2056	
Shale			2056	2405	
Coffee Shale (Sunbury)			2405	2427	
Berea Sand			2427	2434	S/g
Shale			2434	3664	S/g @ 3020, 3060, 3265
Brown Shale			3664	4252	S/g @ 3805
Shale			4252	4320	
Total Depth			4320		

(Attach separate sheets as necessary)

KAISER EXPLORATION AND MINING COMPANY
Well Operator

By: Edith A. P.

09/08/2023

Date: November 16, 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 all, encountered in the drilling of a well."

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

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

Permit No. 035 1891

Oil or Gas Well _____
(KIND)

Company <u>Kaiser Exploration</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Coney</u>	16			Kind of Packer _____
Well No. <u>472</u>	13			
District _____ County <u>Jackson</u>	10 <u>10 3/4</u>	<u>305'</u>		Size of _____
Drilling commenced <u>10 10 83</u>	8 1/4			
Drilling completed _____ Total depth _____	6%			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: _____

10 10 83 305' 10 3/4 pipe 200 SKS Class A 3% cal.
plug down 4:30 PM.

10 11 83 Drilling at 506 feet at 7:17 AM.

10 11 83
DATE

Jerry A. [Signature]
09/08/2023
DISTRICT WELL INSPECTOR

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

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OCT 21 1983

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 035 1891

Oil or Gas Well _____
(KIND)

Company <u>Kaiser Exploration</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Corney</u>	16			Kind of Packer _____
Well No. <u>472</u>	13			
District _____ County <u>Jackson</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed <u>101783</u> Total depth <u>4324</u>	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: 10 1783 TD 4324
106 gals. 4 1/2" set at 4308 KB Cement Halliburton
225 SKS 50/50 POZ,

10 1783
DATE

James R. Taylor
09/08/2023
DISTRICT WELL INSPECTOR



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AUG - 1 1984

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

OIL & GAS DIVISION
DEPT. OF MINES

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
February 8, 1984

COMPANY Kaiser Exploration & Mining Co. PERMIT NO 035-1891

P. O. Box 8

FARM & WELL NO Kenneth Carney, #KEM-472

Ravenswood, West Virginia 26164

DIST. & COUNTY Ripley/Jackson

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 Strenght	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
23.07	Requirements for Production & Gathering Pipelines	_____	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	_____	_____

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

SIGNED *Joseph Tephelord*
DATE 7 24 84

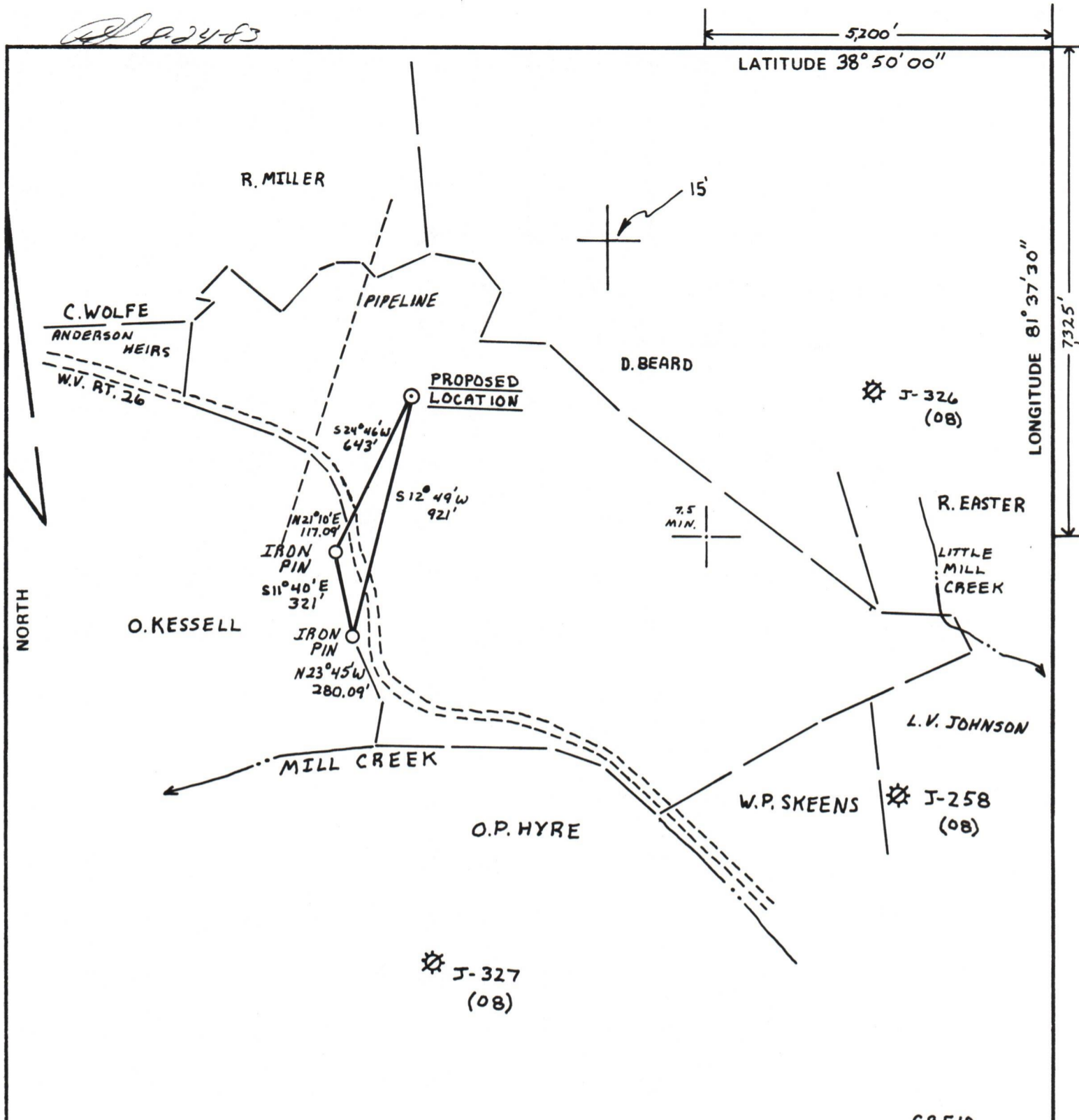
Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

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

August 2, 1984


DATE

TMS/chm



FILE NO. 6-47
 DRAWING NO. _____
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION BM. "3107" ELEV: 639', 1550' S.E. OF 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

S9E10

 PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE JULY 29, 19 83
 OPERATOR'S WELL NO. KEM 472
 API WELL NO. _____
47 - 035 - 1891 ✓
 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 752' WATER SHED MILL CREEK
 DISTRICT RIPLEY COUNTY JACKSON
 QUADRANGLE RIPLEY

SURFACE OWNER KENNETH CARNEY, ET AL. ACREAGE 67.492 09/08/2023
 OIL & GAS ROYALTY OWNER KENNETH CARNEY, ET AL. LEASE ACREAGE 67.492
 LEASE NO. 86-07-3119

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

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION DEVONIAN BROWN SHALE ESTIMATED DEPTH 4957'
 WELL OPERATOR KAISER EXPLD. & MIN. CO. DESIGNATED AGENT KAISER EXPLORATION AND MINING CO.
 ADDRESS P.O. BOX 8 ADDRESS P.O. BOX 8
RAVENSWOOD, WV. 26164 RAVENSWOOD, WV. 26164

FORM IV-6 (8-78)

JACKSON