



1) Date: July 2, 19 84
 2) Operator's Well No. KEM #454
 3) API Well No. 47 - 035 - 1984
 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: 864' Watershed: Left Fork (032 K1)
 District: Ripley 3 County: Jackson Quadrangle: Ripley 577
 6) WELL OPERATOR Kaiser Exploration and Mining Co DESIGNATED AGENT R. A. Pryce
 Address P. O. Box 8 Address Same
Ravenswood, WV 26164
 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Jerry Tephabock
 Address Rt. 1, Box 101A
Ripley, WV 25271
 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, 4340' feet
 13) Approximate trata depths: Fresh, 3265' feet; salt, _____ feet.
 14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes / No

RECEIVED
 JUL 16 1984
 OIL & GAS DIVISION
 DEPT. OF MINE

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		815' 250	815' 250	150 sks class A	to surface
Coal								65 sks 50/50	Sizes
Intermediate	7"			X		2305	2305	100 sks class A	permix
Production	4 1/2"			X		4340	4340	225 sks 50/50	permix
Tubing								or as req. by rule 15.0'	
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-035-1984 Date July 30, 19 84

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.
 Permit expires July 30, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BLANKET 86</u>	Agent: <u>LO</u>	Plat: <u>MAJ</u>	Casing: <u>MAJ</u>	Fee: <u>967-829</u>
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T. J. [Signature]
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

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

1) Well Location: B (Oil & Gas) Production, Elevation: 2000, Under ground storage: Shallow

2) Well Operator: [Name], County: [County], District: [District]

3) Drilling Contractor: [Name], Address: [Address], City: [City], State: [State]

4) Proposed Well Work: Drill, Drill Depth: [Depth], Other physical change in well (specify): [Change]

5) Estimated depth of completed well: [Depth]

6) Approximate true depth: [Depth]

7) Approximate coal seam depth: [Depth]

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	Follow-up inspection(s)
Well work started	"
Completion of the drilling process	"
Well Record received	"
Reclamation completed	"

OTHER INSPECTIONS

Reason: _____

Reason: _____

09/08/2023

RECEIVED
SURFACE OWNER'S COPY

JUL 16 1984



1) Date: July 2, 19 84
 2) Operator's Well No. KEM 4454
 3) API Well No. 47 State _____ County _____ Permit _____

OIL & GAS DIVISION STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil _____ / Gas X /
 B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 864' Watershed: Left Fork
 District: Ripley County: Jackson Quadrangle: Ripley
- 6) WELL OPERATOR Kaiser Exploration and Mining Co. 7) DESIGNATED AGENT R. A. Prycee
 Address P. O. Box 8 Address Same
Ravenswood, WV 26164
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Jerry Tephabock Name Clint Hurt
 Address Rt. 1, Box 101A Address P. O. Box 388
Ripley, WV 25271 Elkview, WV
- 10) PROPOSED WELL WORK: Drill X / Drill deeper _____ / Redrill _____ / Stimulate X /
 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, 4340' feet
 13) Approximate strata depths: Fresh, 765' 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	<u>0 3/4"</u>			<u>X</u>		<u>815-250'</u>	<u>215-250'</u>	<u>150 sks class A</u>	<u>A to surface</u>
Coal									Sizes
Intermediate	<u>7"</u>			<u>X</u>		<u>2305</u>	<u>2305</u>	<u>100 sks 50/50 mix</u>	<u>A</u>
Production	<u>4 1/2"</u>			<u>X</u>		<u>4340</u>	<u>4340</u>	<u>225 sks 50/50</u>	<u>Depths set</u>
Tubing									Perforations:
Liners									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 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: _____ Date: _____
 By _____ (Signature)
 Its _____ Date _____ (Signature)

09/08/2023
 Surface Owner

**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.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

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, West Virginia 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 delivered 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. 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 must 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.

*I Creed Pursley Builder. Objection to this Well No. 454
because I bought this land to build Home
on. and sell lot's*

*A HOME
372-4582
Ripley, W. Va
Creed Pursley
Ann. M. Pursley.*
09/08/2023
Surface Owner



IV-9
(Rev 8-81)

DATE June 28, 1984

WELL NO. KEM 454

State of West Virginia
Department of Mines
Oil and Gas Division

API NO. 47-035-1984

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Kaiser Expl. & Mining Co. DESIGNATED AGENT R. A. Pryce
Address P.O. Box 8, Ravenswood, WV 26164 Address same
Telephone 273-5371 Telephone _____
LANDOWNER Creed Pursley SOIL CONS. DISTRICT Western
Revegetation to be carried out by KAISER EXPLORATION AND MINING CO. (Agent)

This plan has been reviewed by Western SCD. All corrections
and additions become a part of this plan: 6/29/84 (Date)
Steven B. Fosse
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Cross Drains (A)
Spacing 80', 135', 80'
Page Ref. Manual 2 - 4

Structure Top Diversion Ditch (1)
Material Earthen
Page Ref. Manual 2 - 12

Structure Road Culvert (B)
Spacing 16" Diameter
Page Ref. Manual 2 - 7

Structure _____ (2)
Material _____
Page Ref. Manual _____

Structure _____ (C)
Spacing _____
Page Ref. Manual _____

Structure _____ (3)
Material OIL & GAS DIVISION
Page Ref. Manual DEPT. OF MINES

RECEIVED
JUL 16 1984

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 _____
Fertilizer 14-14-14 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay 2 Tons/acre
Seed* 81% Orchard Grass/15% Ryegrass lbs/acre
Kentucky 31 Fescue 16 lbs/acre
Red Clover 8 lbs/acre

Lime 4 Tons/acre
or correct to pH _____
Fertilizer 14-14-14 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay 2 Tons/acre
Seed* 81% Orchard Grass/15% Ryegrass 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.

PASTURE

MEADOW

PLAN PREPARED BY Vincent W. Wood 09/08/2023
ADDRESS 116 Pfost Avenue
Ripley, WV 25271
PHONE NO. 372-2709

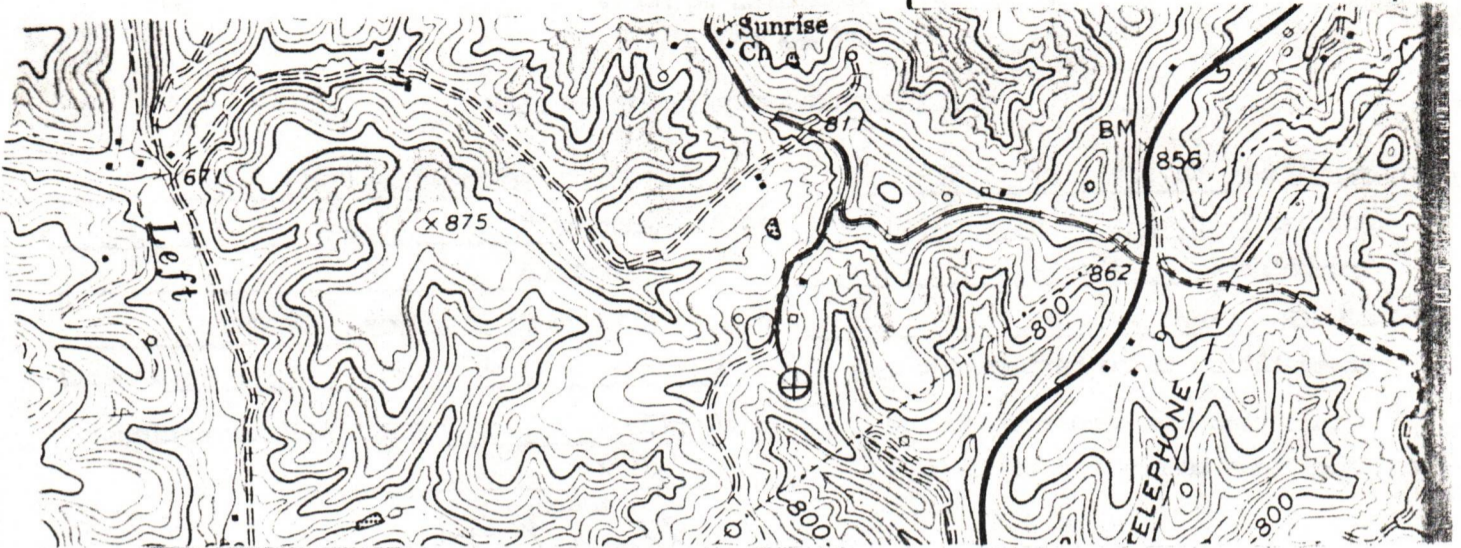
NOTES: Please request landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE RIPLEY

LEGEND

Well Site ⊕

Access Road ———

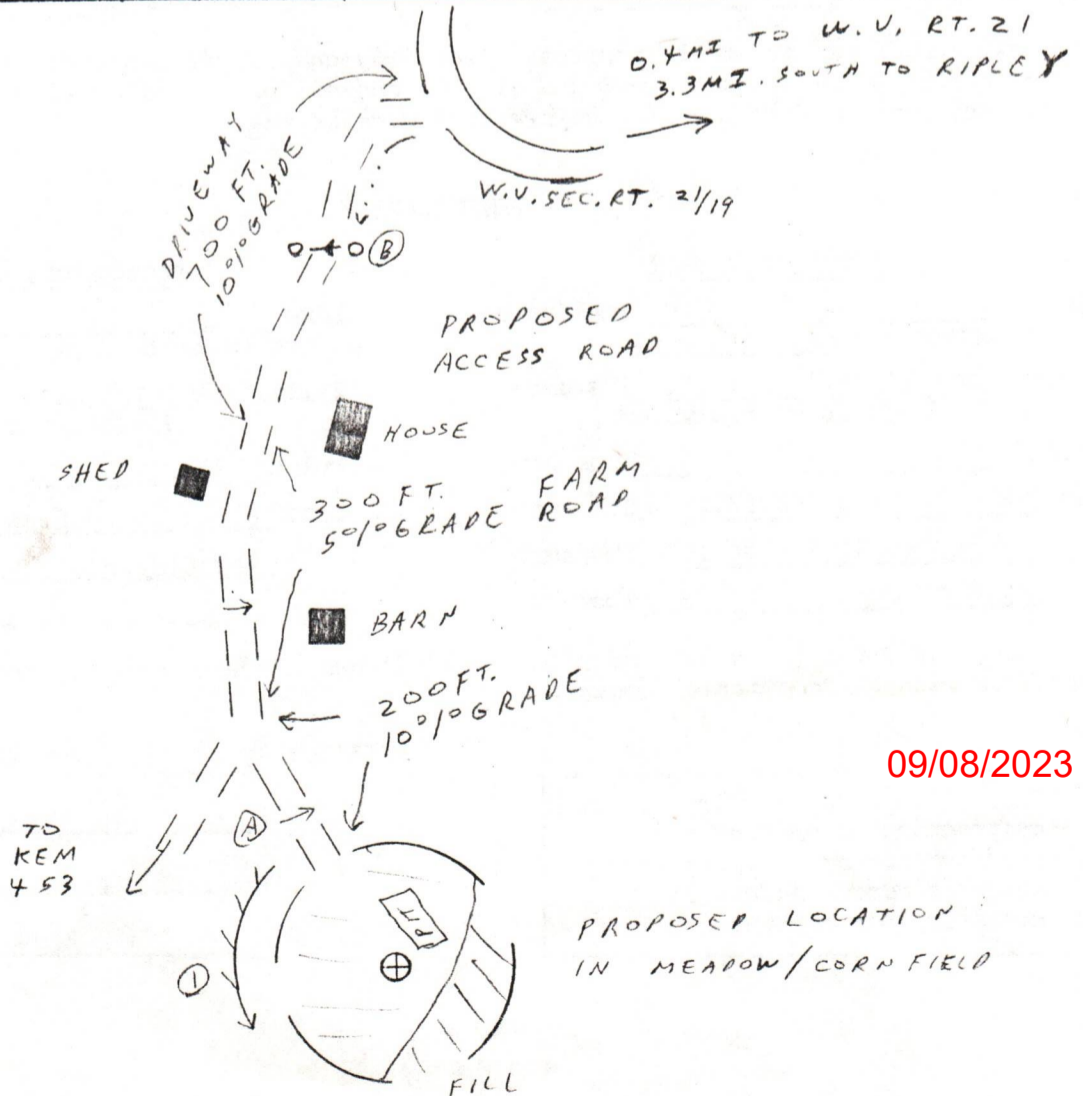


WELL SITE PLAN

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 —x—x—	Wet spot ☼
Planned fence —/—/—	Building ■
Stream ~~~~~	Drain pipe —○→○→
Open ditch —→→→→→	Waterway ←≡≡≡≡→



09/08/2023

PROPOSED LOCATION IN MEADOW/CORN FIELD

1) Date: July 2, 1984
2) Operator's Well No. KEM #454
3) API Well No. 47-035-1984
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
(i) Name Creed Pursley
Address Rt. 1, Box 241
Ripley, WV 25271
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR
Address _____
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address _____
Name _____
Address _____
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
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 2 day of July, 19 84.
My commission expires 8/30, 19 93.

Dorise Carney
Notary Public, Jackson County,
State of West Virginia

WELL OPERATOR Kaiser Exploration and Mining Company
By RAP
Its General Manager
Address P. O. Box 8
Ravenswood WV 26164
Telephone 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:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
Lucy Puckett	Kaiser Exploration and Mining Company	1/8 of prevailing field price	
	Farmed-out from Ashland Exploration, Inc.		85/98 85/102
	Assigned from United Fuel Gas Company		173/51

09/08/2023

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. 454 located in Ripley District, Jackson County, West Virginia, upon the person or organization named--

Creed B. Pursley & Anne M. Pursley

--by delivering the same in JACKSON County, State of W.Va. on the 27 day of July, 1984 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:

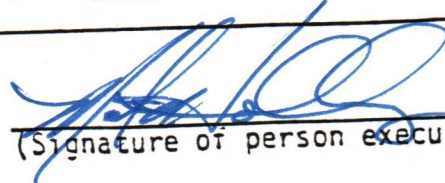
[] Handing it to _____, a partner of the partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.

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 _____.


(Signature of person executing service)

Taken, subscribed and sworn before me this 27 day of July, 1984.
My commission expires December 1, 1985.

Faith Ann Halbert
Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)



1) Date: July 2, 19 84
 2) Operator's Well No. KEM #454
 3) API Well No. 47 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 X /
 B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 864' Watershed: Left Fork
 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 Same
Ravenswood, WV 26164
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Jerry Tephabock Name Clint Hurt
 Address Rt. 1, Box 101A Address P. O. Box 388
Ripley, WV 25271 Elkview, WV
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 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	
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Conductor									
Fresh water	10 3/4"			X		250	250	150 sks class A	A to surface
Coal									Sizes
Intermediate	7"			X		2305	2305	65 sks 50/50 100 sks class A	pozmix
Production	4 1/2"			X		4340	4340	225 sks 50/50	pozmix
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 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.

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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: _____
 By _____
 Its _____ Date _____

Reed B Purshley Date: 7/29/84
 (Signature)
Ann M Purshley Date: 7/29/84
 (Signature)

09/08/2023

Surface Owner

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

STATE OF West Va,
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) Plan 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. K-454 located in Ripley District, Jackson County, West Virginia, upon the person or organization named--

Creed Pursley

--by delivering the same in ROANE County, State of WV on the 11 day of July, 1984 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 _____.

RECEIVED
JUL 16 1984

William K. [Signature]
(Signature of person executing service)

OIL & GAS DIVISION
DEPT. OF MINES

Taken, subscribed and sworn before me this 12 day of July, 1984.
My commission expires Oct 28 1993.

Steph W Kelly
Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)





State of West Virginia

Department of Mines

Charleston 25305

July 27, 1984

JOHN D. ROCKEFELLER, IV.
Governor

WALTER N. MILLER
Director

Mr. Creed Pursley
Route 1, Box 353
Ripley, West Virginia 25271

Dear Mr. Pursley:

As you discussed with Margaret Hasse by phone today, ~~I am sending you~~ I am sending information about compensation. Our inspector in Jackson county is Jerry Tephabock, Route 1, Box 101-A, Ripley, WV 25271 (Phone: 372-6805).

You may also wish to discuss your legal recourse with Dave McMahon of the Legal Aid Society of Charleston, 1033 Quarrier Street, Suite 600, Charleston, WV 25301 (Phone: 343-4481).

I hope you find this information useful.

Sincerely,

A handwritten signature in cursive script that reads "Steve White".

Steve White
Office of Oil & Gas

09/08/2023

STATE OF WEST VIRGINIA
INFORMATION MEMO

WV-20

TO: Steve DATE: 7/27/84
FROM: Margaret TIME: _____
OF: _____ RECD. BY _____

TELEPHONE NUMBER EXT.

- PLEASE CALL
- WILL CALL AGAIN
- RETURNING YOUR CALL
- CALLED TO SEE YOU

THE ATTACHED PAPERS ARE REFERRED

PLEASE:

- SIGN
- COMMENT
- NOTE
- AS REQUESTED
- FOR YOUR INFORMATION
- APPROVE
- SEE ME
- PREPARE REPLY FOR MY SIGNATURE
- REPLY DIRECTLY WITH COPY TO ME
- TAKE APPROPRIATE ACTION
- RETURN
- ROUTE TO: _____
- FILE

REMARKS/MESSAGE: Please send damage compensa-
tion info, Tophatock address & phone #,
and Mc Mahon address & phone no.
to Creed Pursley.

Creed Pursley
P.O. Box 353
Reply W, Va

MH



Administrator of the Office of Oil + Gas
West Virginia Department of Mins
1615 Washington Street East
Charleston, West Virginia 25311



CONFIDENTIAL

State of West Virginia
Department of Mines
Oil and Gas Division

Date August 22, 1984
Operator's Well No. KEM #454
Farm Lucy Puckett
API No. - 035 - 1984

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

RECEIVED
14
DEC 13 1984
OIL & GAS DIVISION
DEPT. OF MINES

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

LOCATION: Elevation: 864' Watershed Left Fork
District: Ripley County Jackson Quadrangle Ripley

COMPANY Kaiser Exploration & Mining Company

ADDRESS P.O. Box 8 Ravenswood, WV 26164

DESIGNATED AGENT R. A. Pryce

ADDRESS same

SURFACE OWNER Creed Pursley

ADDRESS Rt. 1 Box 149 Ripley, WV 25271

MINERAL RIGHTS OWNER Lucy Puckett

ADDRESS Rt. 1 Gay, WV 25244

OIL AND GAS INSPECTOR FOR THIS WORK Jerry

Tehpabock ADDRESS Rt. 1, Ripley, WV 25271

PERMIT ISSUED August 2, 1984

DRILLING COMMENCED 8/1/84

DRILLING COMPLETED 8/7/84

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" 3/4"		826.25'	340 sk class A 8% CaCl ₂
9 5/8			
8 5/8			
7		2329'	150 sk 50/50 poz 10% salt, 100 sk class A 3% CaCl ₂
5 1/2			
4 1/2		4362'	200 sk 50/50 poz 10% salt, 12 1/2 #/s gilsonite
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 4302 feet

Depth of completed well 4362 feet Rotary x / Cable Tools _____

Water strata depth: Fresh _____ feet; Salt _____ feet Drilled on fluid, not known

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

OPEN FLOW DATA

* Producing formation Brown Shale Pay zone depth 3629-4302 feet

Gas: Initial open flow 0 Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow 550 ^{comingled} Mcf/d Oil: Final open flow _____ Bbl/d

Time of open flow between initial and final tests 5 hours

Static rock pressure 1235 psig (surface measurement) after _____ hours shut in

(If applicable due to multiple completion--)

* Second producing formation Berea Sandstone Pay zone depth 2548-2556 feet

Gas: Initial open flow 0 Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow 550 ^{comingled} Mcf/d Oil: Final open flow _____ Bbl/d

Time of open flow between initial and final tests 5 hours

Static rock pressure 1235 psig (surface measurement) after _____ hours shut in

* Note: Test was from comingled zones.

(Continue on reverse side)

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

8/9/84 Young Wireline perforated Lower Brown Shale 4014-4302' 20 holes.

8/10/84 BJ Hughes foam fracture w/54,600 lbs 20/40 sand, 700 mscf N₂, 327 bbl fluid. Young Wireline perforate Upper Shale 3629-3902'. 20 holes. BJ Hughes foam fracture w/60,000 lbs 20/40 sand, 650 mscf N₂, 335 bbl fluid. Young Wireline perforate Berea Sandstone 2548-2556' 20 holes. BJ Hughes foam fracture w/60,000 lbs 20/40 sand, 680 mscf N₂, 337 bbl fluid.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Soils and Shale			0	120	
Siltstone and Shale			120	415	
Sand			415	460	
Shale			460	542	
Sand and Siltstone			542	940	
Shale and Siltstone			940	1335	
Dunkard Sands			1335	1695	
Shale			1695	1788	
Salt Sands			1788	1930	
Big Lime (Greenbrier)			1930	2062	
Shale			2062	2092	
Big Injun Sand			2092	2198	
Shale			2198	2526	
Coffee Shale (Sunbury)			2526	2550	
Berea Sand			2550	2560	S/G
Shale			2560	3713	S/G @ 3290
Brown Shale			3713	4304	S/G @ 3900, 4115, 4158
Shale			4304	4382	
Total Depth			4382		

(Attach separate sheets as necessary)

Kaiser Exploration and Mining Company
Well Operator

By:

E. A. P.

09/08/2023

Date:

August 27, 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 coal, encountered in the drilling of a well."

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

RECEIVED
AUG - 8 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES
Oil or Gas Well _____
(KIND)

Permit No. 035 1984

Company <u>Kaiser Exploration</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Puckett</u>	16			Kind of Packer _____
Well No. <u>Kem 454</u>	13			
District _____ County <u>Jackson</u>	10			Size of _____
Drilling commenced <u>8 1 84</u>	8 1/4			Depth set _____
Drilling completed _____ Total depth _____	6 5/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used			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 _____

Hurt Rig & ferrabee.

Remarks:

Td 845' KB ran 19 jts 103/4 csg 816' set 826' KB Noscoe cement 340 sks neat 3% cacl 1/4 lb per sk floseal plug down 1:15 pm .

8 1 84
DATE

[Signature] **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: _____

DATE I hereby certify I visited the above well on this date.

09/09/2023



State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305
FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

RECEIVED
SEP 25 1984
OIL & GAS DIVISION
DEPT. OF MINES

COMPANY Kaiser Exploration & Mining Co. PERMIT NO 035 1984
P. O. Box 8 FARM & WELL NO puckett kem 454
Ravenswood, WV 26164 DIST. & COUNTY Jackson

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

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

SIGNED *James Teshoboh*
DATE 9 20 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

January 28, 1985

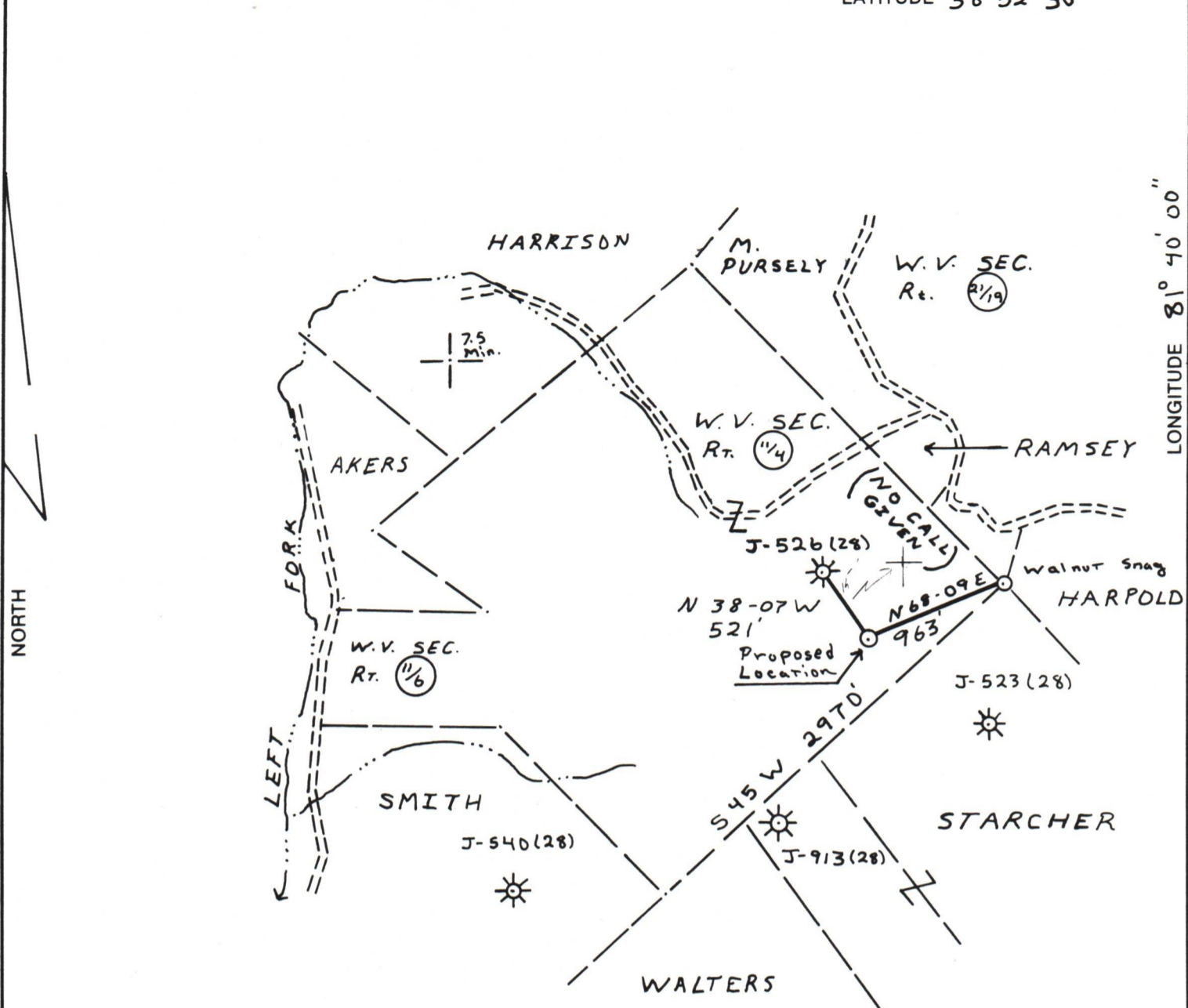
DATE

772 7/27/84

9,825

LATITUDE 38° 52' 30"

LONGITUDE 81° 40' 00"



Reference Points:

S 7-22 W 280' TO 24" B. OAK
S 86-34 E 210' TO 20" W. OAK

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 7-55
 DRAWING NO. _____
 SCALE 1" : 1000'
 MINIMUM DEGREE OF ACCURACY 1 : 200
 PROVEN SOURCE OF ELEVATION High Point Elev. 896', 2500' S.W. 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 v. Wood
 R.P.E. _____ L.L.S. 664

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE June 22, 19 84
 OPERATOR'S WELL NO. Kem 454
 API WELL NO.

47 - 035 - 1984
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 864 WATERSHED Left Fork
 DISTRICT Ripley COUNTY Jackson
 QUADRANGLE Ripley

SURFACE OWNER Creed and Ann Purseley ACREAGE 174.93
 OIL & GAS ROYALTY OWNER Lucy Puckett LEASE ACREAGE 218
 LEASE NO. 87-07-2004

09/08/2023

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X 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 4340'
 WELL OPERATOR Kaiser Exploration and Mining Co DESIGNATED AGENT R.A. Pryce
 ADDRESS P.O. Box 8, Ravenswood, W.V. 26162 ADDRESS P.O. Box 8, Ravenswood, W.V. 26164

FORM IV-6 (8-78) H.T. HALL

COUNTY NAME JACK PERMIT 1984