



July 22, 1983
2) Operator's Well No. KEM #352
3) API Well No. 47 - 035- 1875
State County Permit

DRILLING CONTRACTOR:

Clint Hurt

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

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: 832' Watershed: Trap Run
District: Ravenswood County: Jackson Quadrangle: Liverpool
- 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 Bertha Conner Utt
Address 517 22nd. Street
Dunbar, WV
Acreage
- 8) SURFACE OWNER Dale O. Smith, et al
Address Duncan, WV
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
- 11) COAL OPERATOR None
Address
- 12) COAL OPERATOR None
Address
- 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name None
Address
Name
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, 5212 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

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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	10 3/4"			X		250	250	150 sks class A to surface	
Coal								65 sks 50/50 pozmix	Sizes
Intermediate	7"			X		2567	2567	100 sks class A	
Production	4 1/2"			X		5212	5212	225 sks 50/50 pozmix	Depths set
Tubing									Perforations:
Liners									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: E.A.P.
Its: General Manager

OFFICE USE ONLY

Permit number 47-035-1875 DRILLING PERMIT August 24, 1983
Date 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 August 24, 1985 unless drilling is commenced prior to that date and prosecuted with due diligence.

Seal: <u> </u>	Agent: <u> </u>	Plat: <u> </u>	Casing: <u> </u>	Fee: <u>964474</u>
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T. J. [Signature]
Administrator, Office of Oil and Gas



IV-9
(Rev 8-81)

DATE July 18, 1983

WELL NO. KEM #352

State of West Virginia
Department of Mines
Oil and Gas Division

API NO. 47-035-1875

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 Dale Smith 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:

(Date) July 20, 1983

Wayne W. Hughes
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Drainage Ditch (A)

Structure Diversion Ditch (1)

Spacing Earthen

Material Earthen

Page Ref. Manual 2:12

Page Ref. Manual 2:12

Structure Cross Drains (B)

Structure _____ (2)

Spacing 250'

Material _____

Page Ref. Manual 2:4

Page Ref. Manual _____

Structure Road Culvert (C)

Structure _____ (3)

Spacing 16" diameter

Material _____

Page Ref. Manual 2:7

Page Ref. Manual _____

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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

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 Ppost Avenue

Ripley, WV 25271


PHONE NO. 372-2709

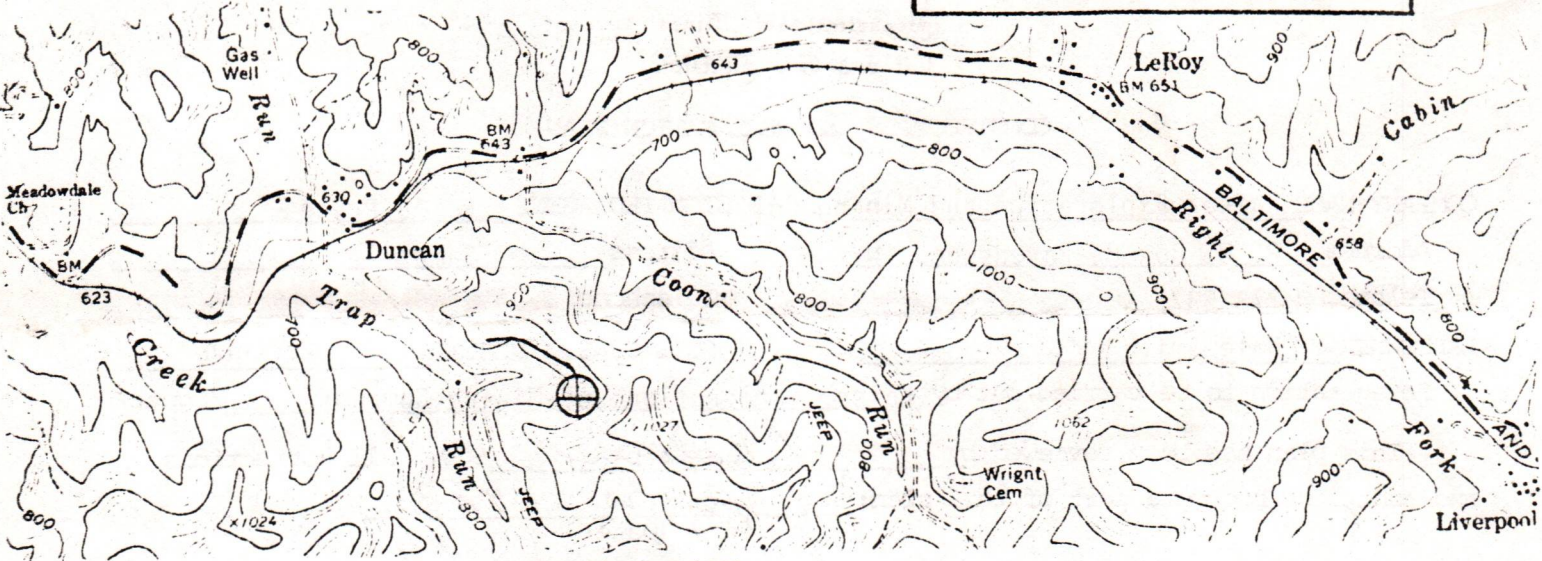
NOTES: Please request landowner's cooperation to protect new seeding for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE LIVERPOOL

LEGEND

Well Site 



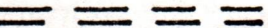








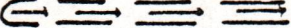
Access Road 

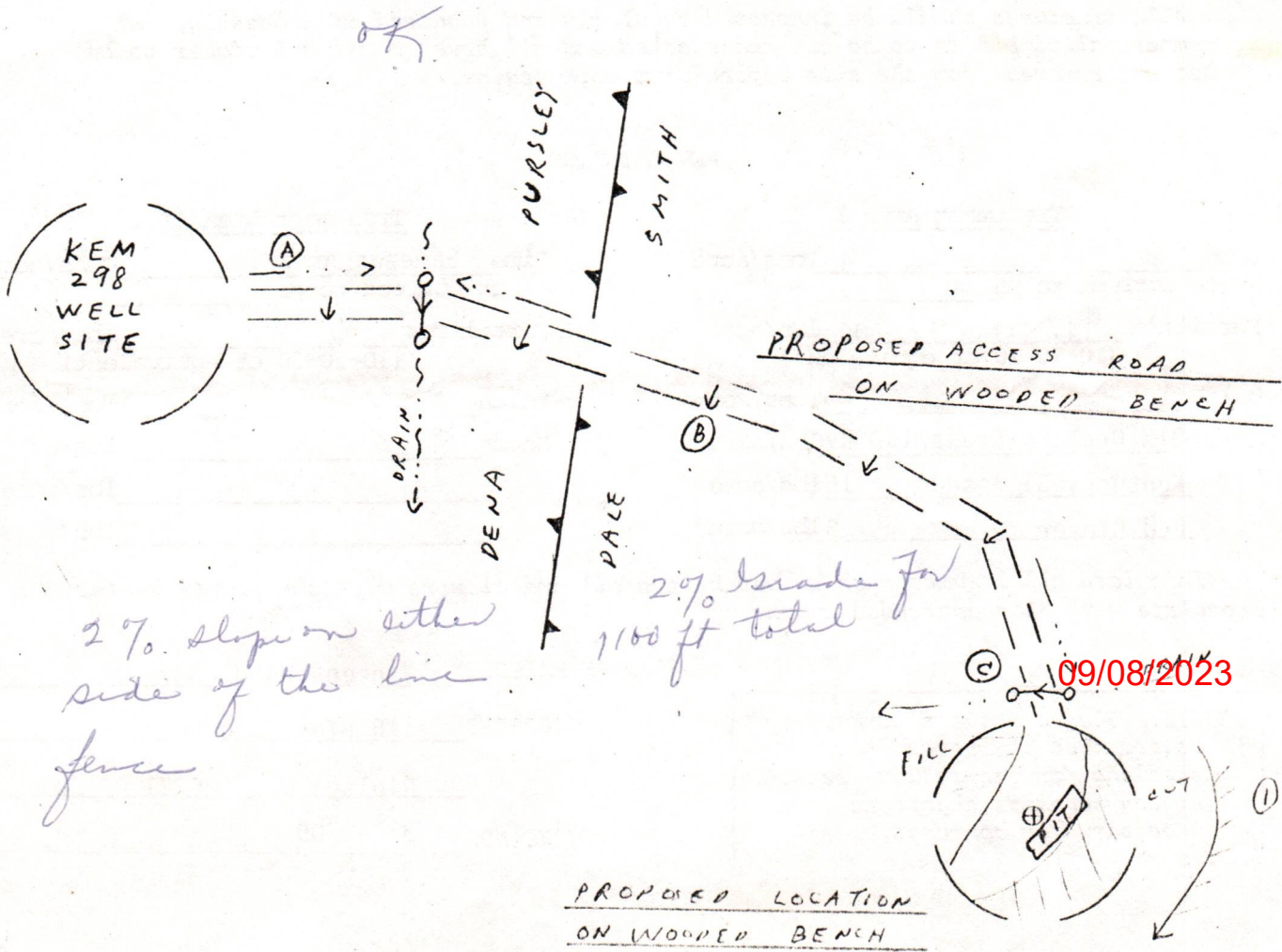


WELL SITE PLAN

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: July 29, 19 83
2) Operator's Well No. KEM #352
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
(i) Name Dale O. Smith, et al
Address Duncan, WV
(ii) Name _____
Address _____
(iii) Name _____
Address _____

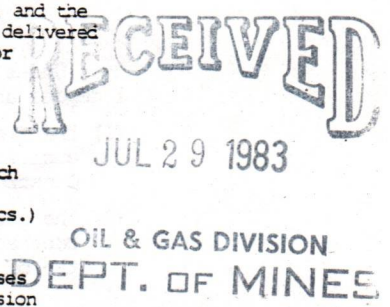
5(i) COAL OPERATOR None
Address _____
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name None
Address _____
Name _____
Address _____
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address _____

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 22 day of July, 1983.
My commission expires 12/01, 1985.

Paithann Halbert
Notary Public, Jackson County,
State of West Virginia

WELL

OPERATOR Kaiser Exploration and Mining Company

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.
- 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>
------------------------------	------------------------------	----------------	------------------

Kaiser Exploration and Mining Co. Dale Smith

1/8 of prevailing 153/682
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. KEM 352 located in Ravenswood District, JACKSON County, West Virginia, upon the person or organization named--

Dale O. Smith

--by delivering the same in JACKSON County, State of WEST VIRGINIA on the 25th day of JULY, 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 _____.

RECEIVED
JUL 29 1983

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

Taken, subscribed and sworn before me this 27th day of July, 1983.
My commission expires May 27, 1991

[Signature]
Notary Public
Commissioner for the
State of West Virginia
09/08/2023

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)

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09/08/2023

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

11/30/83 Young Wire Line Perf. Berea Sandstone 2495/2500 (KB) 15 holes, 39" DIA.
 12/2/83 Halliburton, BJ Hughes. Foam Frac. Berea Breakdown Pressure 1870 psig, Treated pressure 1740 psig; used 20/40 60,000 lbs, Total N₂ 585,000 SCF, total fluid 338 bbls; ISIP 1580 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	150	
SAND			150	180	
SHALE			180	400	
SAND			400	420	
SHALE			420	448	
SAND			448	465	
SHALE and SILTSTONE			465	616	
SAND			616	704	
SHALE and SILTSTONE			704	1200	
LITTLE DUNKARD SAND			1200	1312	
SHALE			1312	1380	
BIG DUNKARD SAND			1380	1680	
DARD SHALE and SILTSTONE			1680	1827	
SALT SANDS			1827	1953	
BIG LIME (GREENBRIER)			1953	2052	
SHALE			2052	2068	
BIG INJUN SAND			2068	2120	
SHALE			2120	2482	
COFFEE SHALE			2482	2496	
BEREA SAND			2496	2500	s/oil
SHALE			2500	2590	
TOTAL DEPTH			2590		

(Attach separate sheets as necessary)

KAISER EXPLORATION and MINING COMPANY

Well Operator

09/08/2023

By: K.A.P.

Date: May 24, 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

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

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

Permit No. 035 1825

Oil or Gas Well _____
(KIND)

Company Kaiser Exploration
 Address _____
 Farm Qltf
 Well No. Kem 352
 District _____ County Jackson
 Drilling commenced 11 1283
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			Kind of Packer
16			
13			
10			Size of
8 1/4			
6 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: Hunt Rig # 2
11 1783 Started
11 1783 Set 253' 10 3/4" 45g Cement Gradibuton 150 SAC
Class 2 3% cal 1/4 lb Floclor per SAC.
11 1883 Drilling at 1196'

11 1883
DATE

Jerry M. Taylor 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

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244
AUG 05 1985

Silverton Field

W. VA. OIL & GAS
CONSERVATION COMMISSION

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

WELL OPERATOR'S REPORT
OF
INITIAL GAS-OIL RATIO TEST

WELL OPERATOR Kaiser Exploration & Mining Co.
Address P. O. Box 8
Ravenswood, WV 26164

DESIGNATED AGENT R. A. Pryce
Address Same

GEOLOGICAL TARGET FORMATION: Berea Sandstone Depth 2495 feet
Perforation Interval 2495 - 2500 feet

GUIDELINES FOR TESTING:

- 1- A minimum of gas vented or flared
- 2- A 24 hour preflow into pipelines or tanks
- 3- Uniform producing rate during the 24 hour test per test period
- 4- Measurement standards as for Form IV-39, "Report of Annual Production" (see Regulation 21.01)
- 5- Separate Form IV-36 for each producing formation in a multiple completion

TEST DATA				
START OF TEST-DATE	TIME	END OF TEST-DATE	TIME	DURATION OF TEST
5/02/84				
TUBING PRESSURE	CASING PRESSURE	SEPARATOR PRESSURE	SEPARATOR TEMPERATURE	
	600			
OIL PRODUCTION DURING TEST	GAS PRODUCTION DURING TEST	WATER PRODUCTION DURING TEST & SALINITY		
50 bbls.	15 Mcf	0 bbls. ppm.		
OIL GRAVITY	PRODUCING METHOD (Flowing, pumping, gas lift, etc.)			
	*API			

GAS PRODUCTION		
MEASUREMENT METHOD	POSITIVE CHOKE	
FLANGE TAP <input type="checkbox"/> PIPE TAP <input type="checkbox"/> L-10 <input type="checkbox"/>	CRITICAL FLOW PROVER <input type="checkbox"/>	
ORIFICE DIAMETER	PIPE DIAMETER (INSIDE DIAM.)	NOMINAL CHOKE SIZE - IN.
DIFFERENTIAL PRESSURE RANGE	MAX. STATIC PRESSURE RANGE	PROVER & ORIFICE DIAM. - IN.
DIFFERENTIAL	STATIC	GAS GRAVITY (AIR-1.0)
GAS GRAVITY (AIR-1.0)	FLOWING TEMPERATURE	MEASURED ESTIMATED
24 HOUR COEFFICIENT	GAS TEMPERATURE °F	
	24 HOUR COEFFICIENT	
	PRESSURE - psia	

TEST RESULTS			
DAILY OIL	DAILY WATER	DAILY GAS	GAS-OIL RATIO
50 bbls.	0 bbls.	15 Mcf.	300 SCF/STB

*Note: This well was blown into a tank for 4 hours. It produced 50 bbls of oil and went dead. The well would not flow again and required a service rig to kick off.

Kaiser Exploration and Mining Company
Well Operator

By: R. W. Dust
Its: Petroleum Engineer

09/08/2023

RECEIVED

U.S. DEPARTMENT OF JUSTICE
COMMUNICATIONS SECTION

[Faint, illegible text and markings, possibly a routing slip or header information]

[Handwritten signature]

[Faint, illegible text, possibly a date or reference number]

09/08/2023



RECEIVED

AUG - 8 1984

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

COMPANY Kaiser Exploartion

PERMIT NO 035 1875 8/83

FARM & WELL NO Kem 352

DIST. & COUNTY 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	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 *George Tushnet*
DATE 8 3 84

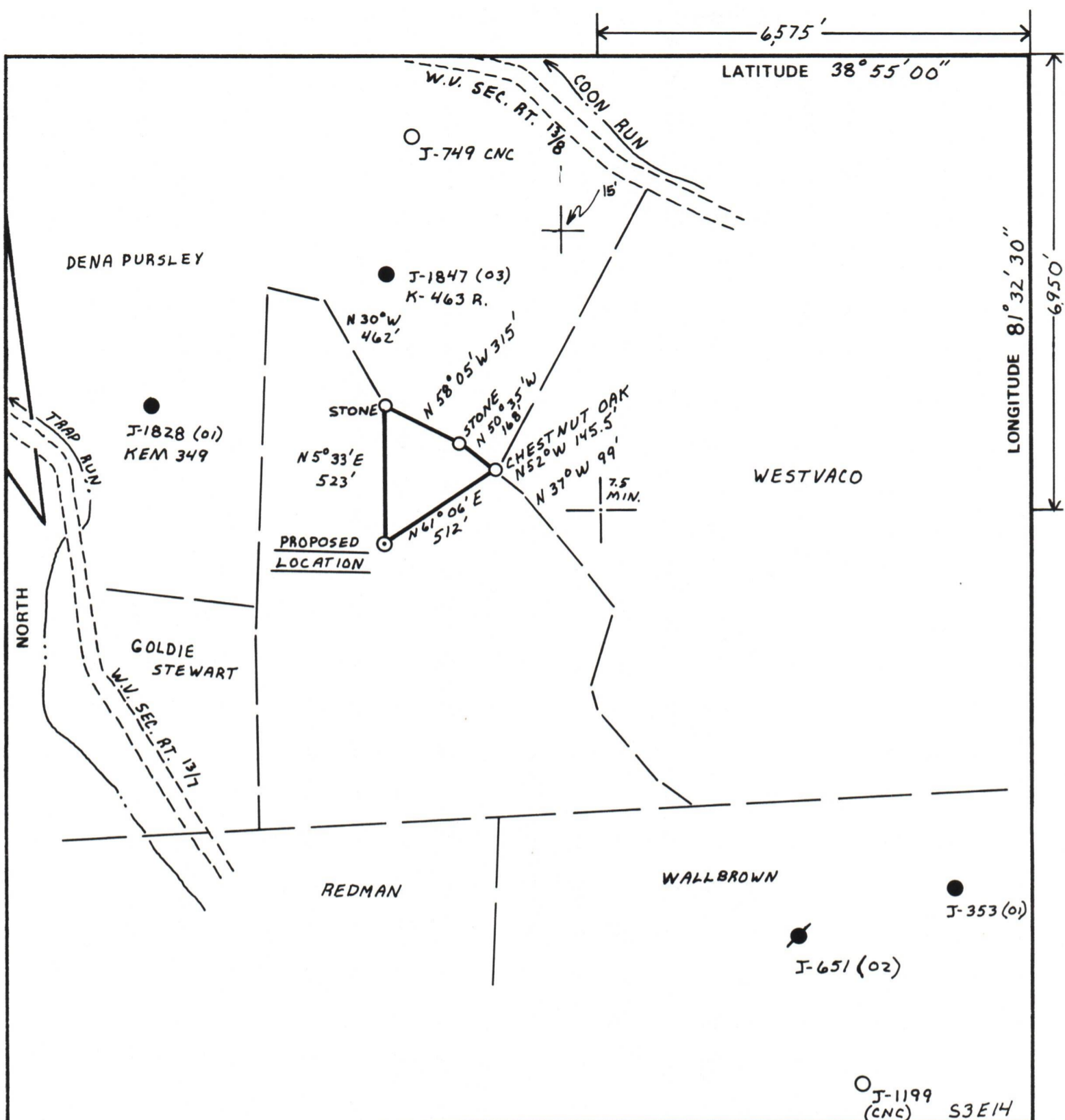
Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

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

August 23, 1984

DATE

09/08/2023



FILE NO. 6-40
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION BM. "R114" ELEV. = 643
2500' North 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

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE JULY 18, 19 83
 OPERATOR'S WELL NO. KEM 352
 API WELL NO. 47 - 035 - 1875
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 832 WATERSHED TRAP RUN
 DISTRICT RAVENSWOOD COUNTY JACKSON
 QUADRANGLE LIVERPOOL
 SURFACE OWNER DALE O. SMITH, ET AL. ACREAGE 40
 OIL & GAS ROYALTY OWNER BERTHA CONNER UTT LEASE ACREAGE 40
 LEASE NO. 84-08-568-2
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION DEVONIAN BROWN SHALE ESTIMATED DEPTH 5212'
 WELL OPERATOR KAISER EXPL. + 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 1815