



1) Date: April 6, 19 83
 2) Operator's Well No. KEM #362
 3) API Well No. 47 035 1830
 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) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 951 Watershed: Washburn Run
 District: Ravenswood County: Jackson Quadrangle: Liverpool
- 6) WELL OPERATOR Kaiser Exploration and Mining Co 11) DESIGNATED AGENT R. A. Pryce
 Address P. O. Box 8 Address None
Ravenswood, WV 26164
- 7) OIL & GAS ROYALTY OWNER Delbert E. Cole Hrs., et al 12) COAL OPERATOR None
 Address Rt. 1 Address _____
Liverpool, WV
- 8) SURFACE OWNER Westvaco Corp 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address P. O. Box 4216 Name None
Parkersburg, WV Address _____
 Acreage 378.02 Name _____
 Address _____
- 9) FIELD SALE (IF MADE) TO:
 Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Homer Dougherty Address _____
Linden Rt., Box 3A
Looneyville, WV
- 15) PROPOSED WORK: Drill / 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, 5160 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
Fresh water	10 3/4"			X		250	250	150 sks class A to surface	
Coal									
Intermediate	7"			X		2530	2530	65 sks 50/50 sizes 100 sks class A	ppz mix
Production	4 1/2"			X		5160	5160	225 sks 50/50 sizes	ppz mix
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: _____ APR 7 1983 Signed: R A P
 My Commission Expires _____ Its: General Manager

OIL & GAS DIVISION
DEPT OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-035-1830 Date April 12 1983

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires December 12, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>B.B</u>	Agent: <u>77</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>96797</u>
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[Signature]
Administrator, Office of Oil and Gas

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

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) **The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.**

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

09/08/2023

Date: _____, 19____

By _____

Its _____

LEASE SUMMARY

KEM # 297, 362 & 361

Tract Discription

County: Jackson

District: Ravenswood

Acres: 1085.5

Bounded By: North - West Va Co. & A.A. Pursley
East - West Va Co. & Bowles.
South - Deva Pursley & West Va Co
West - West Va Co & John Pack

Assignment
Lease Parties

Lessor(s): F.C. Hartman et al

D.E. Cole

Lessee: KemGas

Donald F. Black

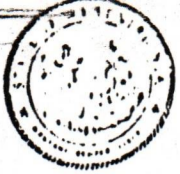
Recording Information

Book and Page: 178/445

65/339

Royalty Provision

1/8 of prevailing field price



IV-9
(Rev 8-81)

DATE March 28, 1983

WELL NO. KEM #362

State of West Virginia API NO. 47-035-1830

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 Westvaco Corporation 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: Mar. 29 1983 (Date)

Wayne W. Hughes
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Road Culvert (A)
Spacing 12" diameter
Page Ref. Manual 2.7

Structure None required (1)
Material _____
Page Ref. Manual _____

Structure Drainage Ditch (B)
Spacing Earthen
Page Ref. Manual 2:12

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

Structure Cross Drains (C)
Spacing 60'
Page Ref. Manual 2:4

Structure _____ (3)
Material _____
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.

OK

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 16 lbs/acre
Kentucky 31 Fescue 16 lbs/acre
Red Clover 8 lbs/acre

Lime Same as Area I Tons/acre
or correct to pH _____
Fertilizer _____ lbs/acre
(10-20-20 or equivalent)
Mulch _____ Tons/acre
Seed* _____ 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


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

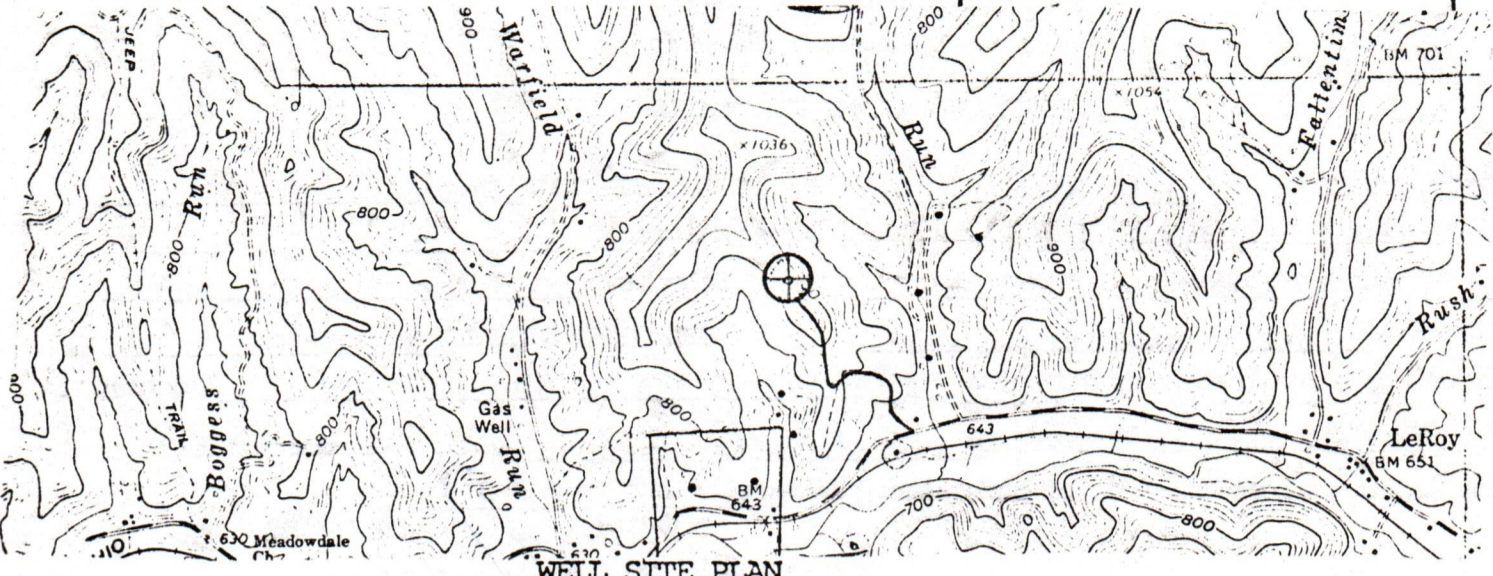
ADDRESS 116 Post Avenue
Ripley, WV 25271
PHONE NO. 372-2709

ATTACH OR PHOTOCOPIY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE LIVER POOL

LEGEND

Well Site 


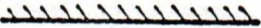









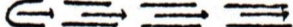
Access Road 

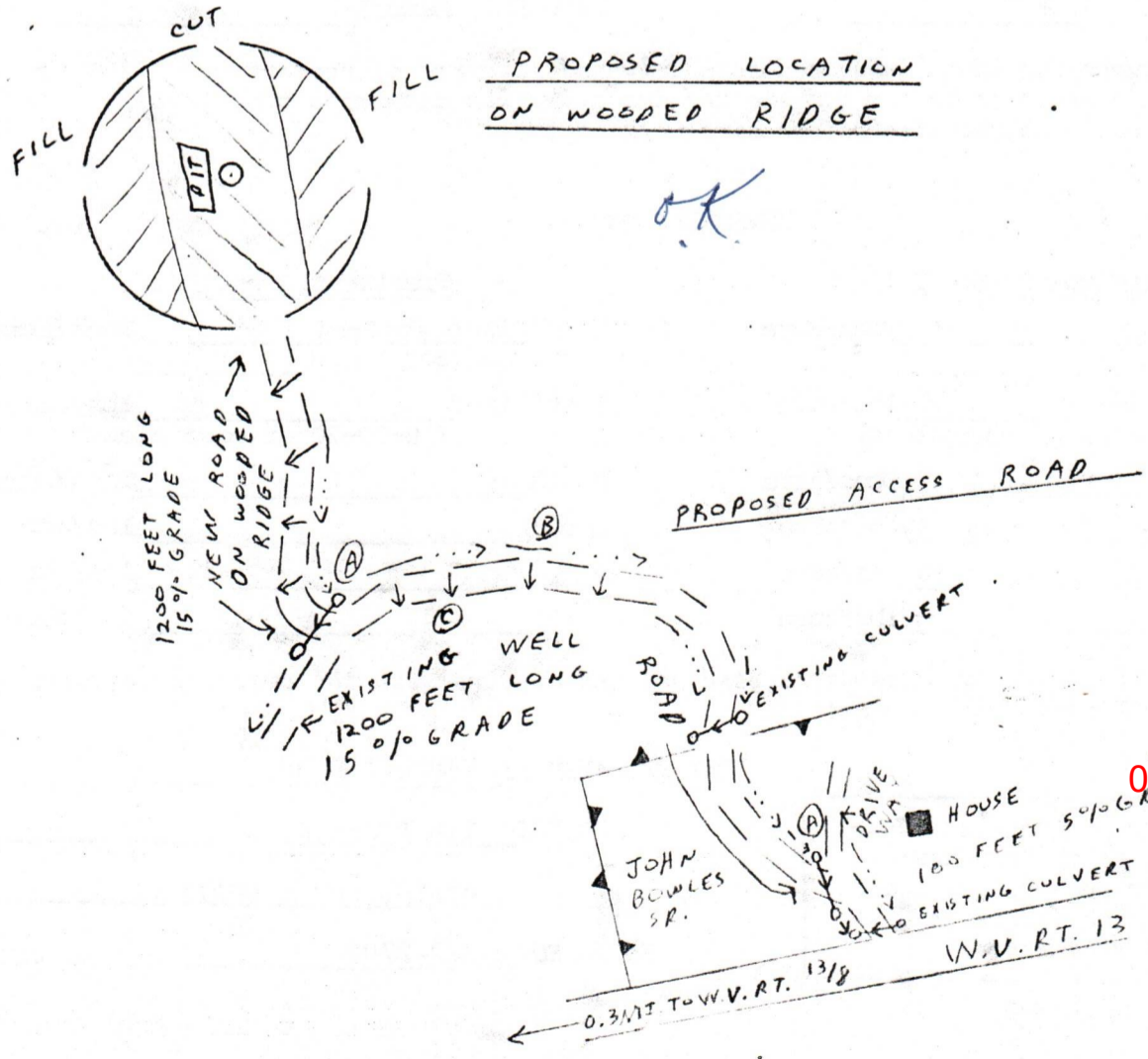


WELL SITE PLAN

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 





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JAN 26 1984

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia

Department of Mines
Oil and Gas Division

Date June 24, 1983
Operator's _____
Well No. Kem 362
Farm Delbert Cole
API No. 47 - 035 - 1830

**WELL OPERATOR'S REPORT
OF**

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 951 Watershed Washburn Run
District: Ravenswood County Jackson Quadrangle Liverpool

COMPANY Kaiser Exploration and Mining Company

ADDRESS P. O. Box 8, Ravenswood, WV

DESIGNATED AGENT Robert A. Pryce

ADDRESS P. O. Box 8, Ravenswood, WV

SURFACE OWNER Westvaco Corp.

ADDRESS P. O. Box 4216, Parkersburg, WV

MINERAL RIGHTS OWNER Delbert Cole Heirs

ADDRESS Rt. 1, Liverpool, WV

OIL AND GAS INSPECTOR FOR THIS WORK Homer

Daugherty ADDRESS Linden Rt., Box 3-A,

PERMIT ISSUED April 6, 1983

DRILLING COMMENCED 5/5/83

DRILLING COMPLETED 5/7/83

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.			
10 3/4" 11 1/2"		250	175 sks class A
9 5/8			
8 5/8			
7		2638	100 sks 50/50 poz 175 sks class A with 3% CaCl sk Flocele
5 1/2			
4 1/2			
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Brown Shale Depth 5160 feet

Depth of completed well 2638 feet Rotary / Cable Tools _____

Water strata depth: Fresh _____ feet; Salt _____ feet

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

Drilled on fluid - not known

OPEN FLOW DATA

Producing formation Berea Pay zone depth 2610 - 2615 feet

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

Final open flow 20 Mcf/d Final open flow 10 Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 275 psig (surface measurement) after 48 hours shut in

(If applicable due to multiple completion--)

09/08/2023

Second producing formation _____ Pay zone depth _____ feet

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

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

Time of open flow between initial and final tests _____ hours

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

(Continue on reverse side)

JACKSON 1830

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

5/13/83 Perforated Berea w/20 shots from 2610 - 2615 using Hollow steele Carrier Gun
 5/18/83 Berea Frac: 7500# of 80/100 sand and 42,000# 20/40 sand total fluid used 730 bbl
 Total nitrogen 274,000 scf ISIP: 1470 psig

DEPT. OF MINES

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Shale			0	125	
Sandstone			125	255	
Shale and Siltstone			255	747	
Sandstone			747	836	
Siltstone and Shale			836	1330	
Sandstone and Shale			1330	1883	
Sandstone			1883	2080	
Greenbrier Limestone			2080	2180	
Pocono Injun			2180	2245	
Shale and Siltstone			2245	2596	
Coffee Shale			2596	2610	
Berea Sandstone			2610	2618	
Bedford Shale			2618	2654 TD	

(Attach separate sheets as necessary)

Kaiser Exploration and Mining Company
 Well Operator
 By: Ralph A. P. 09/08/2023
 Date: July 19, 1983

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

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

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MAY 9 - 1983

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 035-1830

Oil or Gas Well _____
(KIND)

Company <u>Kaiser Exp. + Mining</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Ravenswood, W.V.A.</u>	Size			
Farm <u>Delbert Cole</u>	16			Kind of Packer _____
Well No. <u>Kem 362</u>	13			
District <u>Ravenswood</u> County <u>Jackson</u>	10 <u>3/4"</u>		<u>250</u>	Size of _____
Drilling commenced <u>5/5/83</u>	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 <u>10 3/4</u> SIZE <u>250</u> No. FT. <u>5/5/83</u> Date			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Halliburton</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names G. Starcher Pusher John Archen Jr.

Remarks: Clint Hurt Rig # 4
5/5/83 Moved on + started Drilling Ran 250 ft.
of 10 3/4" surface pipe + cemented with 125 Sacks cem,
3% G.C. + 1/4 lb. Plscele per Sack by Halliburton Plug Down 11:45 P.M.
5/6/83 685 ft. Deep Drilling on Fluid with 9 1/2" Bit.
Homer H. Dougherty

09/08/2023

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

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MAY 16 1983

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINE

Permit No. 035-1830

Oil or Gas Well _____
(KIND)

Company Kaiser Exp. + Mining
 Address Ravenswood, W.V.A.
 Farm Delbert Cole
 Well No. Kem 362
 District Ravenswood County Jackson
 Drilling commenced 5/5/83
 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			
7"		2638	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 7" SIZE 2638 No. FT. 5/9/83 Date
 NAME OF SERVICE COMPANY Halliburton
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names G. S. Sarcher Pusher John Archer Jr.

Remarks: Clin & Hunt Rig #4
5/9/83 Ran 2638 Ft. of 7" Pipe + cemented with 100 sacks of 50/50 pozmix & trailing with 175 sacks of Class A 3% C.C. 1/4 lb. Flocele by Halliburton
Plug Down 11:30 P.M.

5/12/83

09/08/2023
Homer H. Dougherty

Date: March 6, 1984

Operator's Well No. KEM #362

API Well No. 47 - 035 - 1830
State County Permit

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 and Mining Co. DESIGNATED AGENT R. A. Pryce
Address P. O. Box 8 Address Same
Ravenswood, WV 26164

GEOLOGICAL TARGET FORMATION: Berea Depth 2648' feet
Perforation Interval 2610-2615 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
TUBING PRESSURE	CASING PRESSURE	SEPARATOR PRESSURE	SEPARATOR TEMPERATURE	
OIL PRODUCTION DURING TEST bbls.	GAS PRODUCTION DURING TEST Mcf	WATER PRODUCTION DURING TEST & SALINITY bbls. ppm.		
OIL GRAVITY °API	PRODUCING METHOD (Flowing, pumping, gas lift, etc.)			

GAS PRODUCTION		
MEASUREMENT METHOD FLANGE TAP <input type="checkbox"/> PIPE TAP <input type="checkbox"/> L-10 <input type="checkbox"/>	POSITIVE CHOKE 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) MEASURED _____ ESTIMATED _____
GAS GRAVITY (Air-1.0)	FLOWING TEMPERATURE	GAS TEMPERATURE _____ °F
24 HOUR COEFFICIENT	24 HOUR COEFFICIENT	
PRESSURE - _____ psia		

TEST RESULTS			
DAILY OIL 10 bbls.	DAILY WATER 0 bbls.	DAILY GAS 20 Mcf.	GAS-OIL RATIO 2000 SCF/STB

Oil

KAISER EXPLORATION AND MINING COMPANY
Well Operator

By: RAP
Its: General Manager

09/08/2023



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

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AUG 20 1984

OIL & GAS DIVISION
DEPT. OF MINES

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
March 27, 1984

COMPANY Kaiser Exp. & Mining Co.
P. O. Box 8
Ravenswood, West Virginia 26164

PERMIT NO 035-1830
FARM & WELL NO Delbert Cole, #KEM-362
DIST. & COUNTY Ravenswood/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 Strength		
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 Jerry Tephahol
DATE 8/7/84

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. B. B.
Administrator-Oil & Gas Division

September 12, 1984

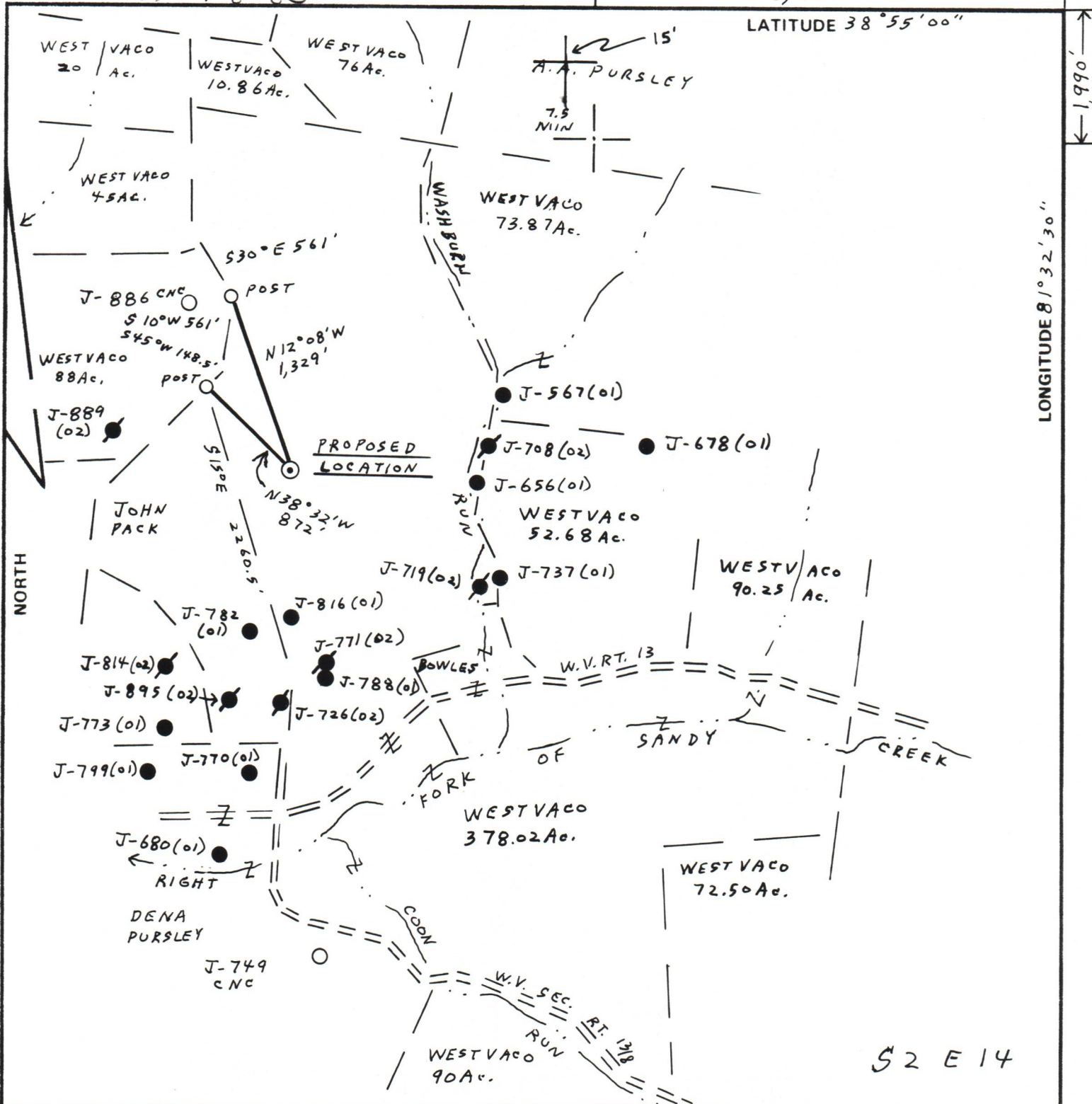
DATE

4-8-83

6,950'

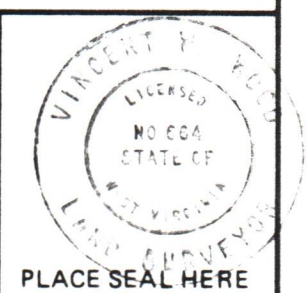
LATITUDE 38°55'00"

LONGITUDE 81°32'30"



FILE NO. 5-76
 DRAWING NO. _____
 SCALE 1" = 1,000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION HIGH POINT ELEV. = 1036, 1400' 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



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE MARCH 29, 1983
 OPERATOR'S WELL NO. KEM 362
 API WELL NO. _____
47 - 035 - 1830
 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 951 WATER SHED WASH BURN RUN
 DISTRICT RAVENS WOOD COUNTY JACKSON
 QUADRANGLE LIVERPOOL
 SURFACE OWNER WESTVACO CORP. ACREAGE 378.02
 OIL & GAS ROYALTY OWNER DELBERT E. COLE HRS, ET AL. LEASE ACREAGE 1,085.5
 LEASE NO. 88-01-2862
 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 5160'
 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

09/08/2023

JACK. - 1830

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