



1) Date: May 9, 19 83  
 2) Operator's Well No. KEM #342  
 3) API Well No. 47 035 1834  
 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 X /  
 B (If "Gas", Production X / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X /)
- 5) LOCATION: Elevation: 694 Watershed: Branch of Sycamore Creek  
 District: Ripley County: Jackson Quadrangle: Ripley
- 6) WELL OPERATOR Kaiser Exploration and Mining Co. DESIGNATED AGENT R. A. Pryce  
 Address P. O. Box 8 Address Same  
Ravenswood, WV 26164
- 7) OIL & GAS ROYALTY OWNER C. A. Jewell, heirs 12) COAL OPERATOR None  
 Address Rt. 1, Box 311 Address \_\_\_\_\_  
Ripley, WV 25271
- 8) SURFACE OWNER Maple Jewell 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address Same as above Name None  
 Address \_\_\_\_\_
- 9) FIELD SALE (IF MADE) TO: Name \_\_\_\_\_  
 Address \_\_\_\_\_
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED Name Homer Dougherty 14) COAL LESSEE WITH DECLARATION ON RECORD:  
 Address Linden Rt., Box 3A Name None  
Looneyville, WV 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, \_\_\_\_\_ feet  
 18) Approximate water strata depths: Fresh, \_\_\_\_\_ feet; salt, \_\_\_\_\_ feet.  
 19) Approximate coal seam depths: \_\_\_\_\_ Is coal being mined in the area? Yes \_\_\_\_\_ / No \_\_\_\_\_

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 DEPT. OF MINES

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 <del>XXX</del>	class A to surface
Coal									Sizes
Intermediate	7"			X		2120	2120	65 sks 50/50	pozmix
Production	4 1/2"			X		4849	4849	100 sks class A	pozmix
Tubing								225 sks 50/50	Depths
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: \_\_\_\_\_ Signed: R A Pryce  
 My Commission Expires \_\_\_\_\_ Its: General Manager

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-035-1834 Date May 18 09/08/2023 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. 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 January 18, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>ls</u>	Plat: <u>CEP</u>	Casing: <u>CEP</u>	Fee: <u>963336</u>
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Administrator, Office of Oil and Gas

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 **09/08/2023** 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.

Date: \_\_\_\_\_, 19\_\_\_\_

By \_\_\_\_\_

Its \_\_\_\_\_



DATE May 3, 1983  
WELL NO. KEM #342  
API NO. 47-035-1834

State of West Virginia  
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 Mapel Jewell 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: May 5 1983 (Date)  
Wayne W. Hughes (SCD Agent)

ACCESS ROAD

LOCATION

Structure Cross Drains (A)  
Spacing 250'  
Page Ref. Manual 2:4  
Structure \_\_\_\_\_ (B)  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_  
Structure \_\_\_\_\_ (C)  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

Structure Diversion Ditch (1)  
Material Earthen  
Page Ref. Manual 2:12  
Structure \_\_\_\_\_ (2)  
Material \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_  
Structure \_\_\_\_\_ (3)  
Material \_\_\_\_\_  
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 \_\_\_\_\_  
Fertilizer 14-14-14 600 lbs/acre  
(10-20-20 or equivalent)  
Mulch Hay 2 Tons/acre  
Seed\* 81% Orchard Grass/15% Rye 32 lbs/acre  
Red Clover 8 lbs/acre  
\_\_\_\_\_ 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  
ADDRESS 116 Ppost Avenue  
Ripley, WV 25271  
PHONE NO. 372-2709

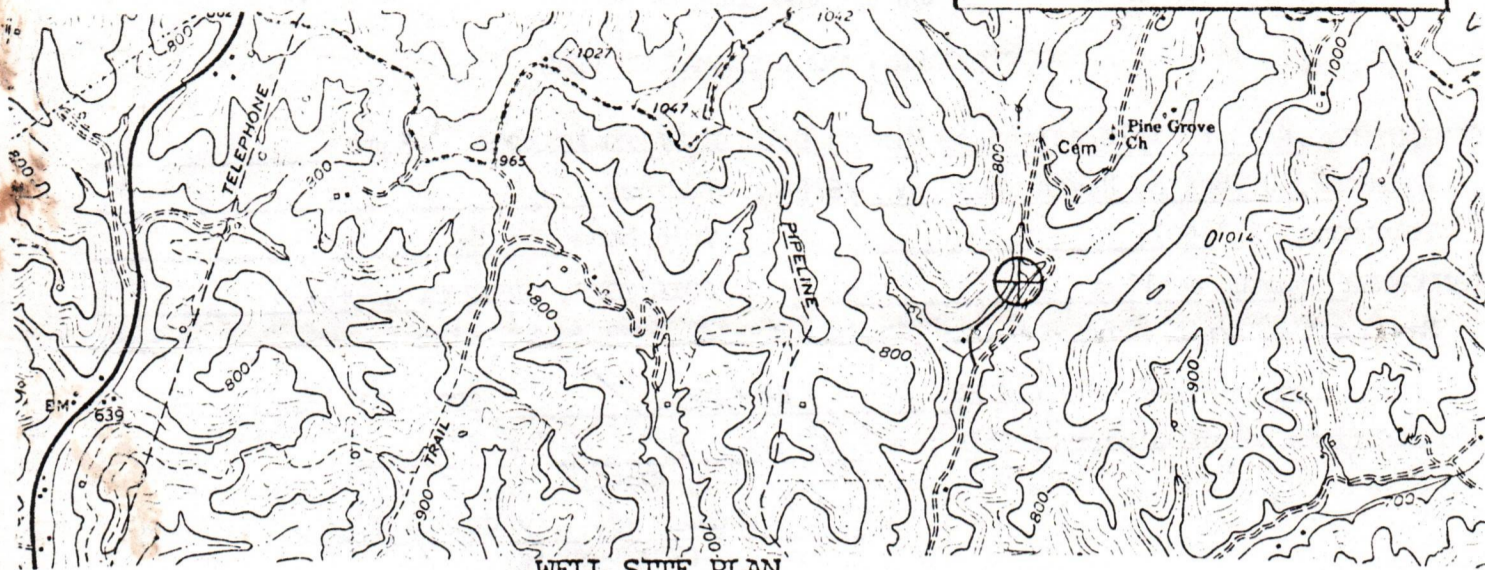
NOTES: Please request landowner's cooperation to protect new seeding for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE RIPLEY

LEGEND













Well Site 

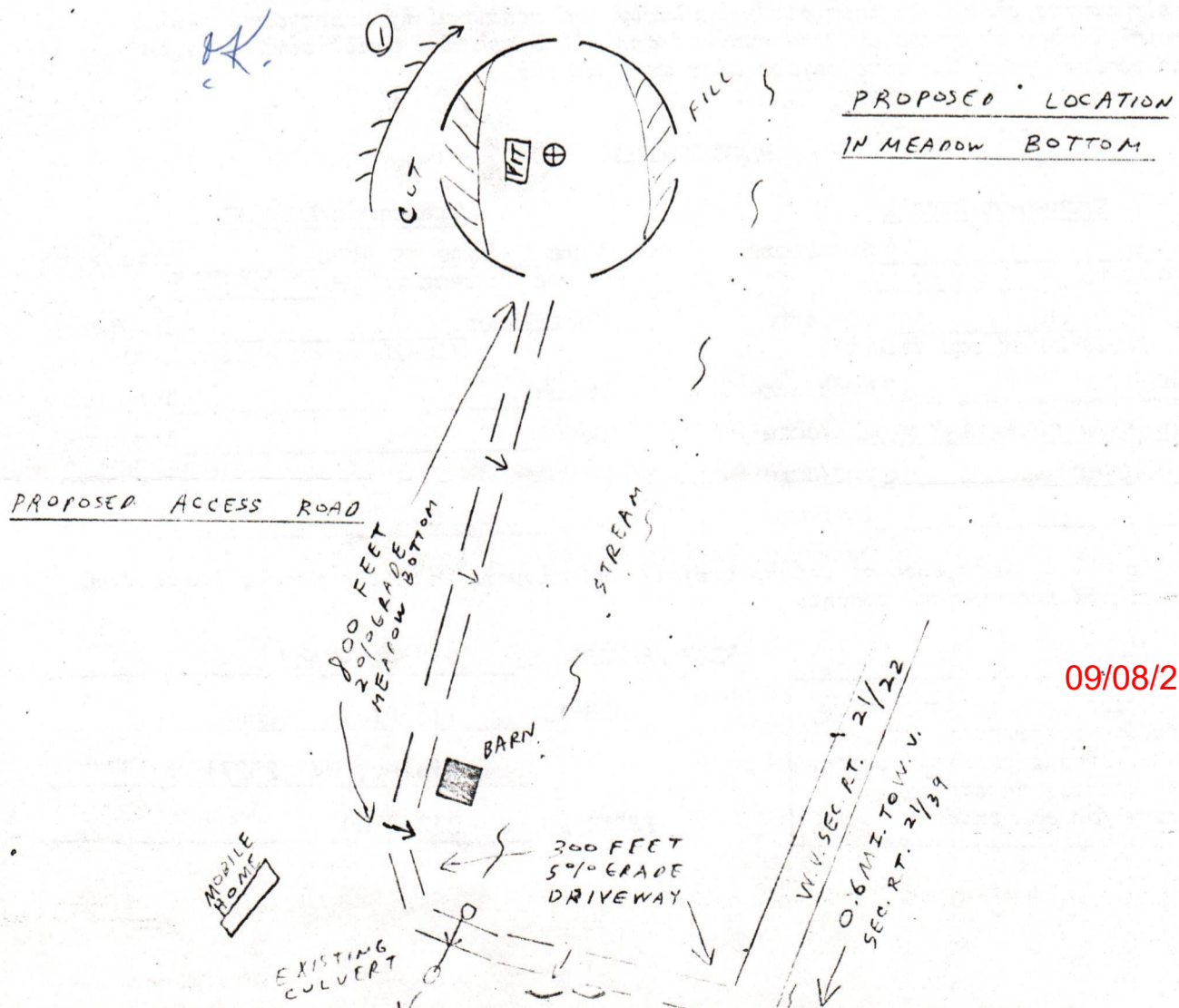
Access Road 



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 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 





KAISER EXPLORATION AND MINING COMPANY

LEASE SUMMARY

KEM # 342

Tract Discription

County: Jackson

District: Ripley

Acres: 93

Bounded By: North - Lucy Boyer  
East - George Jewell  
South - C. A. Jewell  
West - Harlan Sayre

Lease Parties

Lessor(s): C. W. Jewell and Maple Jewell heirs

Lessee: Kaiser Exploration and Mining Company

Recording Information

Book and Page: 166/416

Royalty Provision

1/8 of prevailing field price

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DEPT. OF MINES



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

- 6/09/83 Brown Shale Perforated at 3311 - 4151 w/41 shots (.41" dia)
- 6/10/83 Brown shale Frac: Two stage foam fracture; 1st stage Total fluid 275 bbl Total N<sub>2</sub> 759 mscf  
Total sand 60,000# ISIP 2650 psig. 5 minute SIP 1500 psig  
2nd stage: Total fluid 275 bbl Total N<sub>2</sub> 800 mscf. ISIP 1500 psig Total Sand 60,000#  
20/40 5-minute SIP 1400 psig
- 6/14/83 Berea Perforated: 2360 - 2364 w/16 shots (.40" dia)
- 6/16/83 Berea Frac: 50 bbl X-link pad total fluid 680 bbl. sand 60,000# 20/40 Total N<sub>2</sub> 260 mscf  
ISIP 2000 psig 5-minute SIP 1620 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	107	
Sand			107	300	
Shale			300	495	
Sand			495	560	
Shale			560	666	
Siltstone and Shale			666	890	
Shale			890	1224	
Sand			1224	1238	
Shale			1238	1274	
Dunkard Sand			1274	1346	
Shale			1346	1363	
Sand			1363	1396	
Shale			1396	1662	
Salt Sands			1662	1802	
Big Lime (Greenbrier)			1802	1892	
Shale			1892	1916	
Big Injun			1916	2004	
Shale			2004	2340	
Coffee Shale			2340	2364	
Berea Sandstone			2364	2370	
Shale			2370	3592	
Brown Shale			3592	4158	S/g @ 3924,4150
Shale			4158	4369	
Total Depth			4369		

(Attach separate sheets as necessary)

Kaiser Exploration and Mining Company  
Well Operator  
By: K. A. P. -  
Date: \_\_\_\_\_

09/08/2023

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. 035-1834

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

Company <u>Kaiser Exp. + Mining Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Ravenswood, W.V.A</u>	Size			
Farm <u>C. A. Jewell Heirs</u>	16			Kind of Packer _____
Well No. <u>Mem 342</u>	13			
District <u>Ripley</u> County <u>Jackson</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names G. Starcher John Archer Jr. Pusher

Remarks: Clint Hurt Rig #4  
5/31/83 Moving on Rigged up Rat Hole Drilled  
Ready to Start Drilling Surface Hole

5/31/83  
DATE

Homer H. Dougherty  
09/08/2023  
DISTRICT WELL INSPECTOR





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

JUN -7 1983

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 035-1834

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

Company <u>Kaiser Exp. + Mining Co</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Ravenswood, W.V.A.</u>	Size			
Farm <u>C.A. Jewell Heirs</u>	16			Kind of Packer _____
Well No. <u>Kern 342</u>	13			
District <u>Ripley</u> County <u>Jackson</u>	10 <sup>3/4</sup>		<u>255</u>	Size of _____
Drilling commenced <u>5/31/83</u>	8 1/4		<u>2102</u>	Depth set _____
Drilling completed <u>6/6/83</u> Total depth <u>4359</u>	7			
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>255</u> No. FT <u>6/1/83</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 Archer Jr.

Clint Hurt Rig #4  
 Remarks: 5/31/83 Drilled surface hole & run 255 ft. of 10 3/4" pipe  
6/1/83 Cemented surface with 175 sacks of Reg. 3% C.C. Plug Down 1:00 AM by Halliburton  
6/4/83 Ran 2102 Ft. of 7" Pipe + cemented with 100 sacks class A, 3% C.C. + 175 Sacks of 5530poz mix Plug Down 2:00 AM 6/4/83  
6/6/83 Drilled in T.D. 4359 will run 4 1/2" hole in evening  
6/6/83  
 DATE

Homer H. Dreyfus  
 09/08/2023  
 DISTRICT WELL INSPECTOR



B11

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
FINAL INSPECTION REQUEST  
INSPECTOR'S COMPLIANCE REPORT

**RECEIVED**

FEB 7 - 1984

OIL & GAS DIVISION  
 DEPT. OF MINES

Permit No. 035 1834 County Jackson  
 Company Kaiser Exploration Farm \_\_\_\_\_  
 Inspector Inte Well No. Kern 342  
 Date 1 30 84

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	_____	_____
23.02	Maintained Access Roads	_____✓	_____
25.01	Necessary Equipment to prevent Waste	_____✓	_____
23.03	Reclaimed Drilling Site	_____✓	_____
23.04	Reclaimed Drilling Pits	_____✓	_____
23.05	No surface or underground Pollution	_____✓	_____
7.03	Identification Markings	_____✓	_____

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I have inspected the above well and ~~(HAVE)~~(HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: Jerry W. Tegshelord  
 DATE: 1 30 84

09/08/2023



State of West Virginia

Department of Mines

Charleston 25305

JOHN D. ROCKEFELLER, IV.  
Governor

WALTER N. MILLER  
Director

March 5, 1984

Kaiser Exploration & Mining Company  
P. O. Box 8  
Ravenswood, W. Va. 26164

Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

<u>PERMIT NUMBER</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>
JAC-1671	William & Buddie Hall, KEM #192	Ripley
JAC-1769	Glenn F. Thompson, KEM #249	Ripley
JAC-1834	C. A. & Maple Jewell Heirs, KEM #342	Ripley.
Wood-1180-PP-FRAC.	James Blair, KEM #134	Lubeck

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.

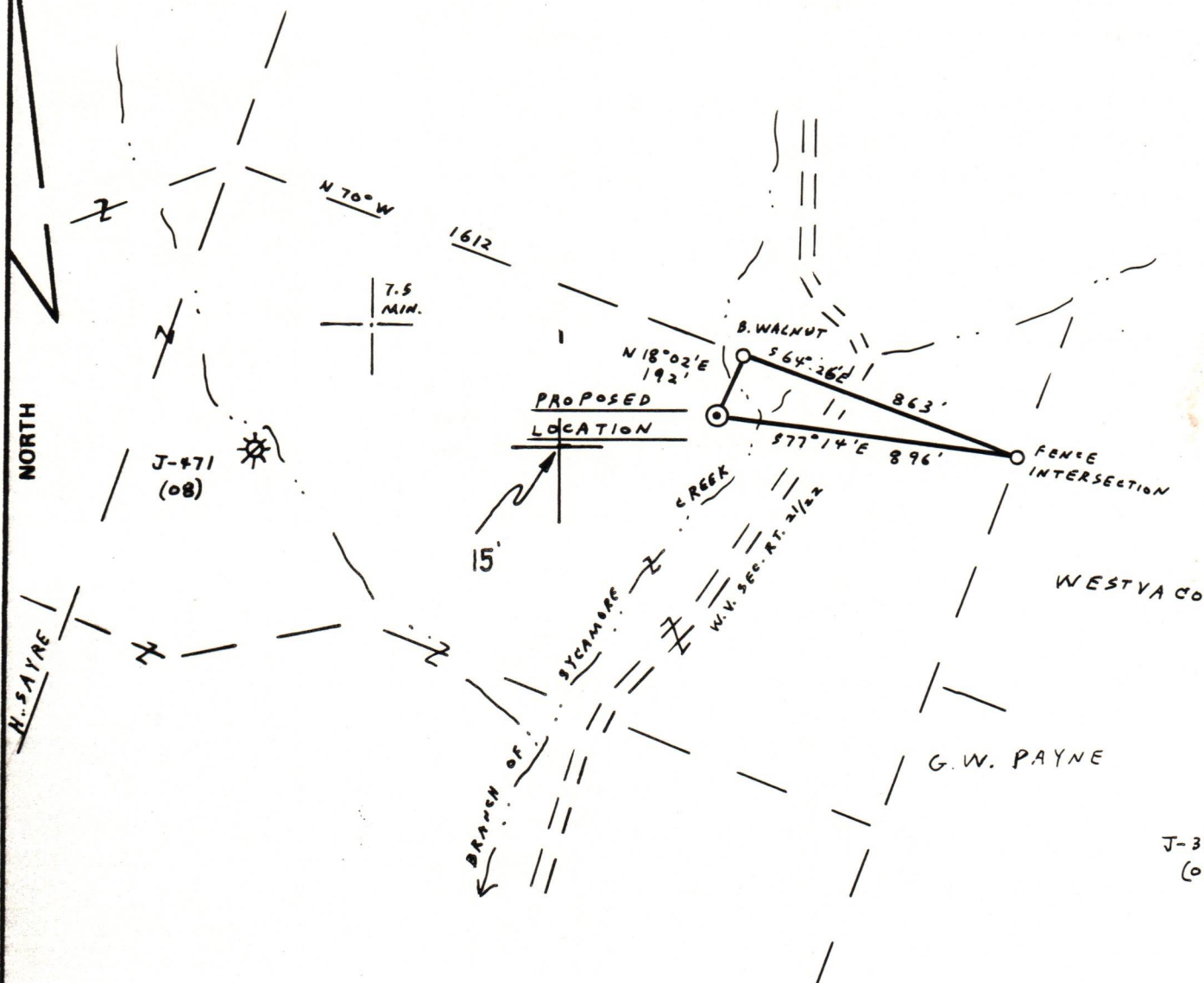
Very truly yours,

Theodore M. Streit, Administrator  
Dept. Mines-Office of Oil & Gas

TMS/rl

09/08/2023

J-466 (10)



J-388 (08)

S 6 E 9

FILE NO. 6-10  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION ROAD INTER. 646, 3,700' 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 W. Wood  
 R.P.E. \_\_\_\_\_ L.L.S. 664

PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE APRIL 26, 19 83  
 OPERATOR'S WELL NO. KEM 342  
 API WELL NO. \_\_\_\_\_  
47 - 035 - 1834  
 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 694 WATER SHED BRANCH OF SYCAMORE CREEK

DISTRICT RIPLEY COUNTY JACKSON

QUADRANGLE RIPLEY

SURFACE OWNER MAPLE JEWELL ACREAGE 68

OIL & GAS ROYALTY OWNER C.A. JEWELL HEIRS LEASE ACREAGE 93 **09/08/2023**

LEASE NO. 91-09-1511

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 4849'

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