

01537

**CERTIFICATE**

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Minimum degree of accuracy is one part in 200  
 Signed Frank J. Barber LLS # 289

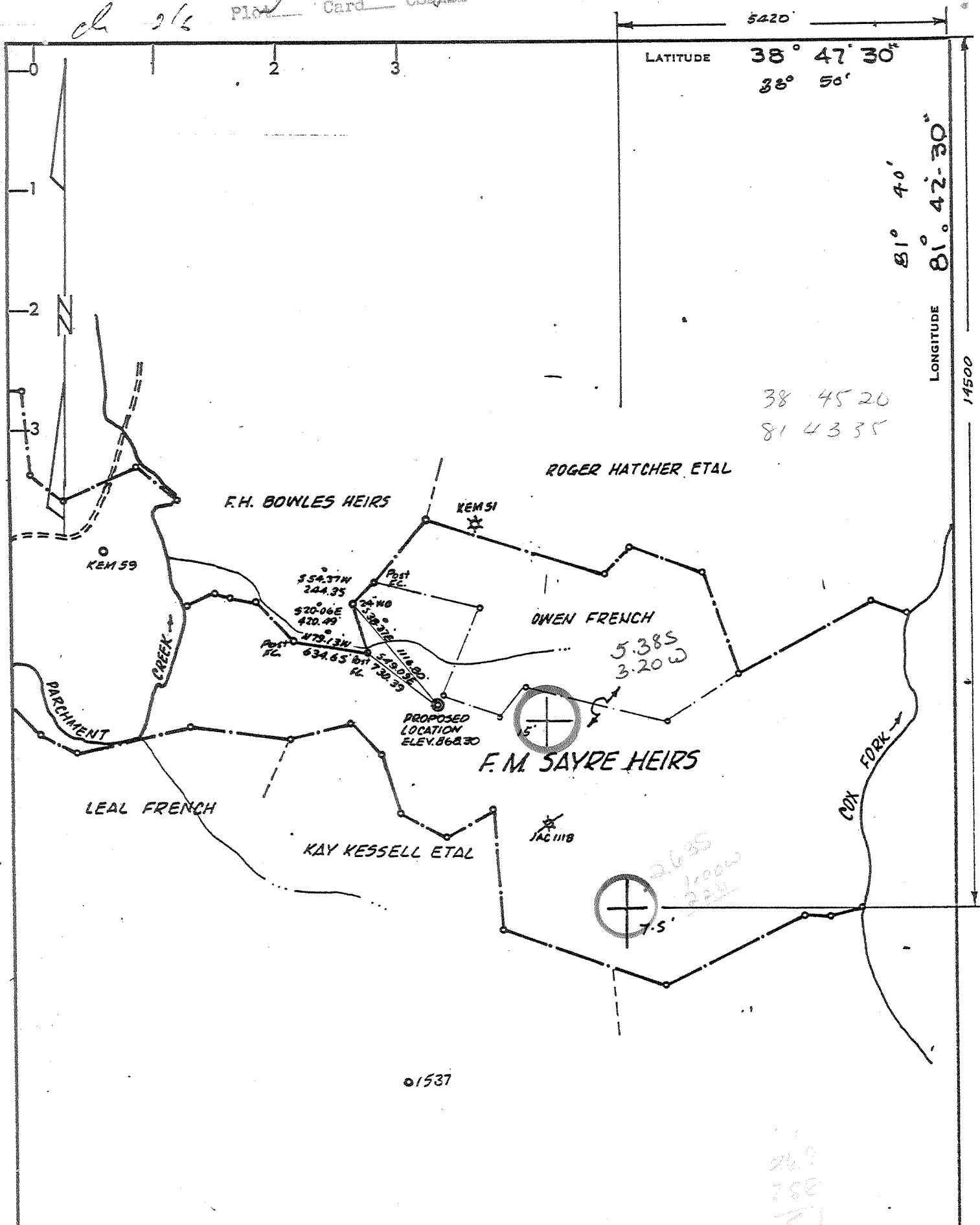
- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY KAISER EXPLORATION & MINING COMPANY 465  
 ADDRESS P.O. BOX 8, RAVENSWOOD, WEST VIRGINIA  
 FARM F.M. SAYRE HEIRS  
 MAP \_\_\_\_\_ ACRES PT. 400 LEASE NO. \_\_\_\_\_  
 WELL (FARM) NO. 2 SERIAL NO. KEM 56  
 ELEVATION (SPIRIT LEVEL) 868.30  
 QUADRANGLE RIPLEY 578 112  
 COUNTY JACKSON DISTRICT RIPLEY 3  
 POINT OF PROVEN ELEVATION USCG BM EL. 636  
 FILE NO. \_\_\_\_\_ DRAWING NO. \_\_\_\_\_  
 DATE DEC. 13, 1980 SCALE 1"=1000 FT.

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
**WELL LOCATION MAP**  
 FILE NO. 035-1557-Frac.  
 + DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 62,500 LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.  
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

owwo- DEEP 112 4900' ETC. (Sissonville) (192)

ch 216 Plot Card CSO/112



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- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY KAISER EXPLORATION & MINING COMPANY  
 ADDRESS P.O. BOX 8, RAVENSWOOD, WEST VIRGINIA  
 FARM F.M. SAYRE HEIRS  
 MAP \_\_\_\_\_ ACRES PT. 400 LEASE NO. \_\_\_\_\_  
 WELL (FARM) NO. 2 SERIAL NO. KEM 56  
 ELEVATION (SPIRIT LEVEL) \_\_\_\_\_ 868.30  
 QUADRANGLE RIPLEY SW  
 COUNTY JACKSON DISTRICT RIPLEY  
 POINT OF PROVEN ELEVATION USCG BM EL. 636  
 FILE NO. \_\_\_\_\_ DRAWING NO. \_\_\_\_\_  
 DATE DEC. 13, 1980 SCALE 1"=1000 FT.

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
 WELL LOCATION MAP  
 FILE NO. 035-1557  
 + DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 62,000 LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.  
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

6-6 Dickman 4000' deep well MAR 23 1981  
 ELK-POCA 192

IV-35  
(Rev 8-81)



Date June 20, 1986

State of West Virginia  
Department of Mines  
Oil and Gas Division

Operator's Well No. KEM 56  
Farm Sayre  
API No. 47 - 035 - 1557-F

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

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

LOCATION: Elevation: 8681 Watershed Parchment Creek  
District: Ripley County Jackson Quadrangle Ripley

COMPANY Kaiser Exploration & Mining Co.  
ADDRESS P.O. Box 8 Ravenswood, WV 26164  
DESIGNATED AGENT R. A. Pryce  
ADDRESS same  
SURFACE OWNER Floyd McKinley Sayre Heirs  
ADDRESS P.O. Box 1777 Beckley, WV 25801  
MINERAL RIGHTS OWNER Floyd McKinley Sayre Heirs  
ADDRESS same  
OIL AND GAS INSPECTOR FOR THIS WORK Jerry Tephabock  
ADDRESS Rt. 1 Box 101A Ripley, WV 25271  
PERMIT ISSUED 3/20/86  
DRILLING COMMENCED May 4, 1981  
DRILLING COMPLETED May 11, 1981  
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 Cord.			
13-10"			
9 5/8			
8 5/8			
7			
5 1/2			
4 1/2			
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Oriskany Depth 5051 feet  
Depth of completed well 5120 feet Rotary X / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh \_\_\_\_\_ feet; Salt \_\_\_\_\_ feet  
Coal seam depths: \_\_\_\_\_ Is coal being mined in the area? \_\_\_\_\_

OPEN FLOW DATA

Producing formation Berea Sandstone Pay zone depth 2536/2540 feet  
Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
\*Final open flow 218 Mcf/d Oil: Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests 4 hours

\*Static rock pressure 1000 psig (surface measurement) after 72 hours shut in  
(If applicable due to multiple completion--)

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 007 hours shut in  
\*Commingled with previously fractured Shale zones.

(Continue on reverse side)

*new zone completed*

*218 COMMINGLED W/ SHALE*

*007 2-7 1986*

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

See previous IV-35

6/11/86 Young's Wireline perf Berea from 2536' to 2540' with 16 shots

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
See previous IV-35					

(Attach separate sheets as necessary)

R. A. P.  
Well Operator

By: KAISER EXPLORATION AND MINING COMPANY

Date: June 20, 1986

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"

103-73

WELL OPERATOR'S REPORT  
OF

035  
35-1557

WELL TYPE: Oil  Gas  / Liquid Injection  / Waste Disposal   
 (If "Gas", Production  / Underground storage  / Beer   
 LOCATION: Elevation: 868' Watershed: Parchment Creek  
 District: Ripley County: Jackson Township: Ripley

WELL OPERATOR Kaiser Exploration and Mining Co. DESIGNATED AGENT \_\_\_\_\_  
 Address P. O. Box 8 Address same  
Ravenswood, WV 26164

PERMITTED WORK: Drill  / Convert  / Drill deeper  / Re-drill   
 Plug off old formation  / Perforate new formation   
 Other physical change in well (specify) \_\_\_\_\_

**RECEIVED**

FEB 9 - 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

PERMIT ISSUED ON February 2, 1981

OIL & GAS INSPECTOR FOR THIS WORK:  
 Name: Richard Morris  
 Address: P. O. Box 372  
Grantsville, WV

(IF APPLICABLE: PLUGGING OF DRY HOLE OR CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED \_\_\_\_\_, 19\_\_\_\_)

GEOLOGICAL TARGET FORMATION: Oriskany Sandstone Depth 4900 feet  
 Depth of completed well, 5/20 feet Rotary  / Cable Tools   
 Water strata depth: Fresh, --- feet; salt, --- feet.  
 Coal seam depths: ----- Is coal being mined in the area? No  
 Work was commenced May 4, 1981, and completed May 11, 1981

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		
Conductor	10 3/4	H-40	32.75	X		248 (KB)	248 (KB)	150sx Class A
Fresh water								Winds 4 1/2 Permane
Coal								Bridge plug 4950 (K
Intermediate	7	K	20	X		2438 (KB)	2438 (KB)	65 x 50/50 pozmix 100sx Class A Retrieveable bri
Production	4 1/2	N	11.60	X			5112 (KB)	275sx 50/50 pozmix plug 3825 (
Tubing	2 3/8	J					3825 (KB)	
Liners								
								Perforations:
								Top Bottom
								4706 4919 (KB)
								4073 4313 (KB)

NOTE: Perf. Oriskany sandstone 5051-5059 (KB), 5089-5094 (KB), 42 holes, 3 1/2" st. brokedown Oriskany and pumped into formation at 8 BPM Rate 2200 psig pressure. Went on vacuum; zone probably pressure depleted; set permanent bridge plug at 4950  
 Producing Formation Marcellus Shale Pay zone depth 4706

Gas: Initial open flow, ----- Mcf/d Oil: Initial open flow, ----- bbl/d  
 Final open flow, 75 Mcf/d Final open flow, ----- bbl/d

320MCF

Time of open flow between initial and final tests, 4 hours

Static rock pressure, 1100 psig (surface measurement) after 12 hours shut in.

(If applicable for multiple completion--)

Second producing formation Devonian Brown Shale Pay zone depth 4073 feet

Gas: Initial open flow, ----- Mcf/d Oil: Initial open flow, ----- bbl/d  
 Final open flow, 250 Mcf/d Final open flow, ----- bbl/d

Time of open flow between initial and final tests, 6 hours

Static rock pressure, 1000 psig (surface measurement) after 12 hours shut in.

JUN 24 1982

JUN 22 1982

[08-78]

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

1. Perf. Marcellus Shale 4706-4919(KB), 20 holes, 2 1/8" glass jets on strip; .39" diameter on May 19, 1981.
2. Nitrogen fractured Marcellus shale w/ 8 BJ Hughes trucks, 7,500 SCF/min/truck; 60,000 SCF min total volume; breakdown was 2900 psig; treatment pressure was 2450 psig; instantaneous shut in pressure was 1600 psig; used 1,400,000 SCF of nitrogen (6/1/81).
3. Set retrievable bridge plug at 4375(KB); perf. Brown Shale from 4073-4313(KB), 25 holes 3 1/2' glass jets on strip (9/16/81).
4. Foam fractured Brown Shale interval using 75 quality foam; 15,000# 80/100 sand; 45,000# 20/40/sand; 500 gal. 15% HCL acid; 225 bbl water sand ladened; 588,000 SCF of nitrogen at 12.5 BPM average rate, 2700 psig average pressure; breakdown was hydrostatic; maximum pressure was 2900 psig; instantaneous shut in pressure was 1000 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
Sand			0	49	
Shale			49	60	
Sand			60	234	
Shale			234	286	
Sand			286	332	
Shale			332	392	
Sand & Shale			392	512	
Shale			512	645	
Sand			645	650	
Shale			650	710	
Sand			710	730	
Shale			730	754	
Sand			754	766	
Shale			766	846	
Sand & Shale			846	1172	
Sand			1172	1271	
Shale			1271	1319	
Sand			1319	1420	
Shale			1420	1774	
Sand			1774	1844	
Shale			1844	1858	
Sand			1858	1926	
Big Lime (Greenbrier)			1926	2044	
Shale			2044	2078	
Big Injun Sand			2078	2138	
Shale			2138	2526	
Coffee Shale			2526	2548	
Berea Sand			2548	2560	
Shale			2560	3774	
Brown Shale			3774	4310	Gas show 3318
Shale			4310	4672	Gas show 4185
Marcellus Shale			4672	4957	Gas show 4450
Onondaga Lime			4957	5035	
Oriskany Sand			5035	5094	Gas show 5050, 5090
Helderberg Lime			5094	5147	
Total Depth			5147		

(Attach separate sheets to complete as necessary)

KAISER EXPLORATION AND MINING COMPANY  
Well Operator

By E. A. P.  
Its General Manager

NOTE: Population 2.0111 provides us follows:  
"The term 'log' or 'well log' shall mean a systematic, detailed geological record of all formations, including soil, encountered in the drilling of a well."

(Observer)  
7/85

**RECEIVED**  
FEB 27 1986



1) Date: February 11, 1986, 19\_\_  
 2) Operator's Well No. KEM #56, F. Sayre  
 3) API Well No. 47 035 1557-F  
 State County Permit

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY, OIL AND GAS DIVISION  
 DIVISION OF OIL & GAS DEPARTMENT OF ENERGY  
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: 868' Watershed: PARCHMENT  
 District: Ripley County: Jackson Quadrangle: Ripley
- 6) WELL OPERATOR Kaiser Exploration and Mining Company CODE: 25330 7) DESIGNATED AGENT R. A. Pryce  
 Address P. O. Box 8 Ravenswood, WV 26164 Address Same
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Jerry Tephabock  
 Address Rt. 1, Box 101-A Ripley, WV 25271
- 9) DRILLING CONTRACTOR: Name Kaiser Tools  
 Address Same
- 10) PROPOSED WELL WORK: Drill \_\_\_\_\_ / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate X /  
 Plug off old formation \_\_\_\_\_ / Perforate new formation X /  
 Other physical change in well (specify) Squeeze 4 1/2" casing; perforate, stimulate
- 11) GEOLOGICAL TARGET FORMATION: Berea Sand; commingle Berea, Brown Shale
- 12) Estimated depth of completed well, 4950+- (PBD) feet  
 13) Approximate trata depths: Fresh, N/A feet; salt, N/A feet.  
 14) Approximate coal seam depths: \_\_\_\_\_ Is coal being mined in the area? Yes \_\_\_\_\_ / No X /

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		Kinds	
Conductor										
Fresh water	10 3/4	H-40	32.75	X		248' (KB)	248' (KB)	150 sks		Halliburton retrieveable
Coal										Sizes 2 3/8 x 4 1/2
Intermediate	7"	K-55	20	X		2438' (KB)	2438' (KB)	165 sks		
Production	4 1/2	N-80	11.6	X			5112' (KB)	275 sks		Depths set: 3825' (KB)
Tubing	2 3/8	J-55	4.6	X			3825' (KB)			
Liners										Perforations:
										Top Bottom
										4706 4917 (KB)
										4073 4313 (KB)

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number: 47-035-1557-Frac Date: March 20, 1986

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 March 20, 1988 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>AS</u>	Plat: <u>AS</u>	Casing: <u>AS</u>	Fee: <u>969363</u>	WPCP: <u>AS</u>	S&E: <u>AS</u>	Other: _____
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NOTE: Keep one copy of this permit posted at the drilling location.

J. H. Johnston by Margaret J. Nash  
 Director, Division of Oil and Gas



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED  
FEB 2 - 1981

OIL & GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,  
Charleston, W. Va.

DATE February 2, 1981

Surface Owner Floyd McKinley Sayre, heirs  
% Truman L. Sayre (Agent)  
Address P. O. Box 1777, Beckley, WV 25801  
Mineral Owner Same as above  
Address Same as above  
Coal Owner Same as above  
Address Same as above  
Coal Operator None  
Address None

Company Kaiser Exploration and Mining Company  
Address P. O. Box 8, Ravenswood, WV 26164  
Farm Floyd McKinley Sayre, heirs Acres Pt. 400 ac.  
Location (waters) Parchment Creek  
Well No. KEM #56 Elevation 868'  
District Ripley County Jackson  
Quadrangle Ripley

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22,  
of the W. Va. Code, the location is hereby approved  
for drilling. This permit shall expire if  
operations have not commenced by 11-3-81

INSPECTOR  
TO BE NOTIFIED Richard Morris  
ADDRESS P. O. Box 372, Grantsville, WV  
PHONE 354-7259

[Signature]  
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated January 21 1980 by Floyd Sayre, heirs made to Kaiser Exploration and Mining Co and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, in Jackson County, Book 155 Page 346  
 NEW WELL \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE  
\_\_\_\_\_ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. \*

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day \_\_\_\_\_ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND  
ECONOMIC SURVEY  
P. O. BOX 879  
MORGANTOWN, WEST VIRGINIA 26505  
AC-304 - 292-6331

Address  
of  
Well Operator

Very truly yours,  
(Sign Name) [Signature]  
Well Operator  
KAISER EXPLORATION AND MINING COMPANY  
P. O. Box 8  
Street  
Ravenswood,  
City or Town  
West Virginia 26164  
State

BLANKET BOND

\*SECTION 3 . . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.



THIS IS AN ESTIMATE ONLY  
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO X DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME Not known at this time NAME Robert A. Pryce  
 ADDRESS \_\_\_\_\_ ADDRESS P. O. Box 8, Ravenswood, WV  
 TELEPHONE \_\_\_\_\_ TELEPHONE 273-5371  
 ESTIMATED DEPTH OF COMPLETED WELL: 4900' ROTARY X CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Oriskany  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS X COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8      10 3/4	250'	250'	150 sks class A
8 - 5/8			
7	2450'	2450'	65 sks pozmix, 100 sks class A
5 1/2			
4 1/2	4900'	4900'	225 sks pozmix
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS \_\_\_\_\_ FEET / SALT WATER \_\_\_\_\_ FEET  
 APPROXIMATE COAL DEPTHS \_\_\_\_\_  
 IS COAL BEING MINED IN THE AREA? No BY WHOM? \_\_\_\_\_

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for \_\_\_\_\_ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the \_\_\_\_\_ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

\_\_\_\_\_  
For Coal Company

\_\_\_\_\_  
Official Title