

Plot Card

LATITUDE 38° 47' 30" 38° 50'

LONGITUDE 81° 40' 00"

NORTH

TRIPLE B LUMBER AND FARMING, INC.

ARDATH CASTO

CHARLES

ANDERSON

CHARLES ANDERSON SALE

N 69° 30' E 3,465'

N 14° E 655.88'

ZAPE

N 48° 05' W 1,020'

PROPOSED LOCATION

N 88° 25' E 1133'

S 71° 02' E 2,000'

2,095'

I. PIPE FAIRPLAIN APARTMENTS LTD.

J-1651-25

MOUNTAIN AUTO PARTS

J-1652-25

5335 155W

15'

7.5 MIN.

2455 155W

245 288 513

513 E 7

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1,000
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION INTER W. V. RT. 21 AND 21/26 ELEV. = 702

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

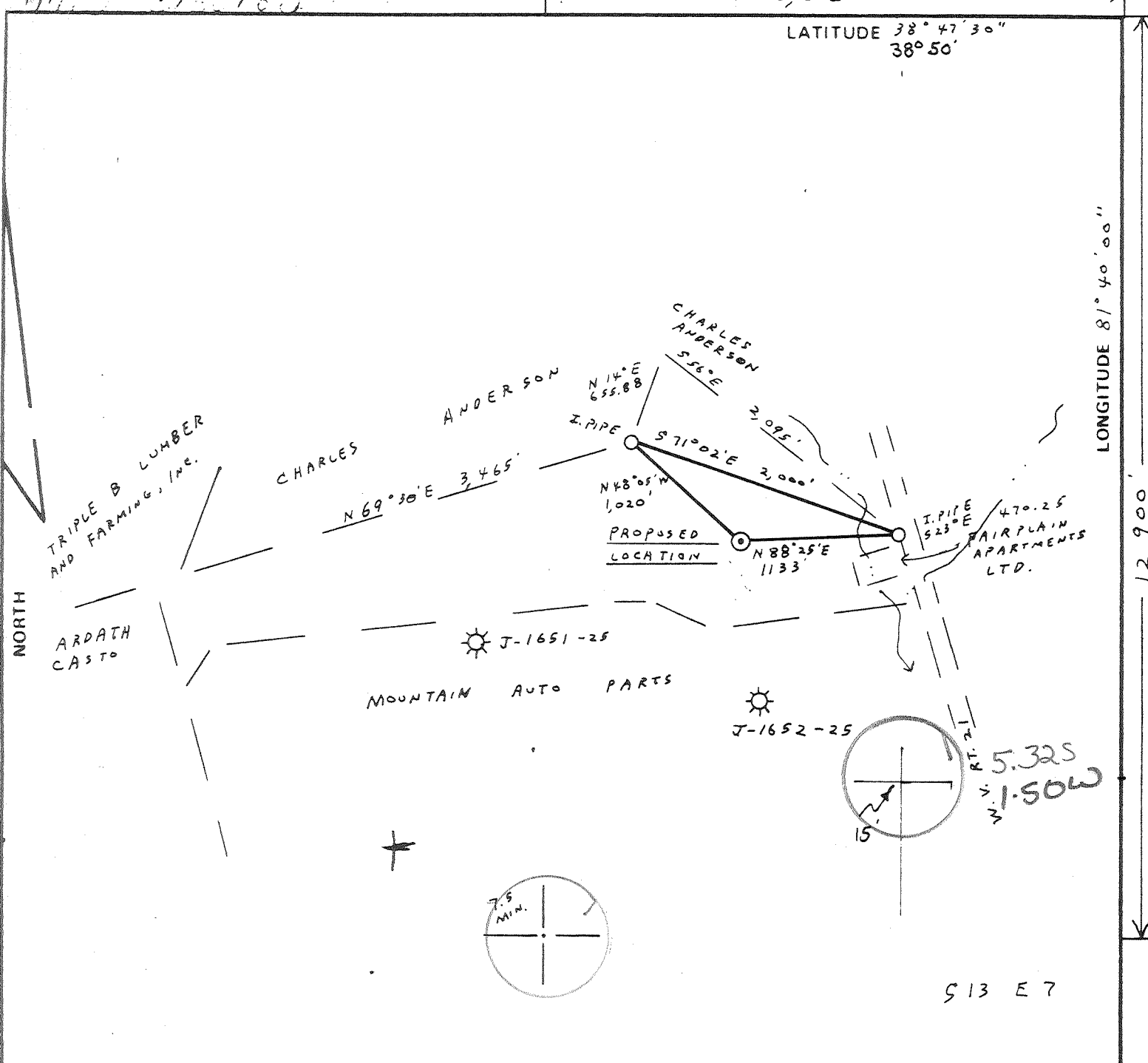
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-B (8-78)



DATE AUGUST 6, 1982
 OPERATOR'S WELL NO. KEM 255
 API WELL NO. 47-035-175 175 175 175
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
 LOCATION: ELEVATION 798 WATERSHED GRASSLICK RUN
 DISTRICT RIPLEY COUNTY JACKSON
 QUADRANGLE RIPLEY SW
 SURFACE OWNER FAIRPLAIN LAND CORP. ACREAGE 133
 OIL & GAS ROYALTY OWNER GLADYS A. PRICE, ET AL. LEASE ACREAGE 134.5
 LEASE NO. 83-03-1605
 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 DRISKANY ESTIMATED DEPTH 5165
 WELL OPERATOR KAISER EXPLOR & MIN. CO. DESIGNATED AGENT KAISER EXPLORATION AND MINING CO.
 ADDRESS P.O. BOX 8 RAVENSWOOD, W. Y. 26164 ADDRESS P.O. BOX 8 RAVENSWOOD, W. Y. 26164



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1,000
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION INTER W. V. RT. 21 AND 2 1/26 ELEV. = 782

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

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE AUGUST 6, 19 82
 OPERATOR'S WELL NO. KEM 255
 API WELL NO. 47-035-1751
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION STORAGE ___ DEEP SHALLOW ___
 LOCATION: ELEVATION 798 WATERSHED GRASS LICK RUN
 DISTRICT RIPLEY COUNTY JACKSON
 QUADRANGLE RIPLEY 415' SW
 SURFACE OWNER FAIRPLAIN LAND CORP. ACREAGE 133
 OIL & GAS ROYALTY OWNER GLADYS A. PRICE, ET AL. LEASE ACREAGE 134.5
 LEASE NO. 83-03-1605
 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 ORISKANY ESTIMATED DEPTH 5165
 WELL OPERATOR KAISER EXPLOR & MIN. CO. DESIGNATED AGENT KAISER EXPLORATION AND MINING CO.
 ADDRESS P.O. BOX 8 RAVENSWOOD, W. V. 26164 ADDRESS P.O. BOX 8 RAVENSWOOD, W. V. 26164

SEP 7 1982

DEEP



REVISED

IV-35
(Rev 8-81)

RECEIVED

NOV 17 1984

State of West Virginia
Department of Mines
Oil and Gas Division

Date 12/20/84
Operator's
Well No. KEM 255
Farm C. Price
API No. 47 - 035 - 1751 - FRAC

OIL & GAS DIVISION
DEPT. OF MINES

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 ___ / Shallow X /)

LOCATION: Elevation: 798' ^{808K} Watershed Grasslick Run
District: Ripley County Jackson Quadrangle Ripley

COMPANY Kaiser Exploration and Mining Company

ADDRESS P. O. Box 8 Ravenswood, WV 26164

DESIGNATED AGENT R. A. Pryce

ADDRESS Same

SURFACE OWNER Fairplain Land Corporation

ADDRESS Ripley, Wv 25271

MINERAL RIGHTS OWNER Gladys A. Price et al

ADDRESS 422 Brook Circle, Hurricane, WV

OIL AND GAS INSPECTOR FOR THIS WORK Deo

Mace ADDRESS Rt. 1 Box 5 Sandridge

PERMIT ISSUED 9/01/82 (5-15-84)

DRILLING COMMENCED 9/22/82 05/24/84

DRILLING COMPLETED 9/30/82 05/31/84

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}		253	150 sx class A
9 5/8			
8 5/8			
7		2401	100 sx class A 65 sx 50/50 poz
5 1/2			
4 1/2		5165	225 sx 50/50 poz
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Oriskany Sandstone Depth 5009 feet

Depth of completed well 5175 feet Rotary X / Cable Tools _____

Water strata depth: Fresh N/A feet; Salt N/A feet

Coal seam depths: N/A Is coal being mined in the area? NO
Drilled on fluid not known.

OPEN FLOW DATA

Producing formation Devonian Brown Shale Pay zone depth 4144-4220 feet

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

Final open flow 184 ⁴⁷⁴ Mcf/d Final open flow -- Bbl/d

Time of open flow between initial and final tests -- hours

Static rock pressure 875 psig (surface measurement) after -- hours shut in

(If applicable due to multiple completion--)

Second producing formation Berea Sandstone Pay zone depth 2489-2499 feet

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

Final open flow 290 Mcf/d Oil: Final open flow ---- Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 950 psig (surface measurement) after 72 hours shut in

new
zone
completed
5/31/84
isolated

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

10/29/82 Basin to set permanent plug @ 4350'.
 05/24/84 Young's to perf Berea with 30 (.39" dia) shots from 2489' to 2499'.
 05/31/84 NOWSCO to foam frac Berea. Breakdown pressure: 2100 psig, total nitrogen: 648 mscf, total sand: #60,000 of 20/40 sand, total fluid: 259 bbls, ISIP: 2300 psig, 5 min SIP: 2200 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
See Original.					

(Attach separate sheets as necessary)

Kaiser Exploration and Mining Company

Well Operator

By:

R. W. Duest

Date: 12/20/84

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."



Date December 1, 1982
 Operator's Well No. KEM - 255
 Farm Gladys A. Price
 API No. 47 - 035 - 1751

RECEIVED

State of West Virginia
 Department of Mines
 Oil and Gas Division

DEC 14 1982

OIL AND GAS DIVISION
 WV DEPARTMENT OF MINES

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 / Shallow /)

LOCATION: Elevation: 798' ^{808 K} G Watershed Grasslick Run
 District: Ripley County Jackson Quadrangle Ripley

COMPANY KAISER EXPLORATION AND MINING COMPANY

ADDRESS P. O. Box 8, Ravenswood, WV 26164

DESIGNATED AGENT R. A. Pryce

ADDRESS P. O. Box 8, Ravenswood, WV 26164

SURFACE OWNER Fairplain Land Corporation

ADDRESS Ripley, WV 25271

MINERAL RIGHTS OWNER Gladys A. Price, et al

ADDRESS 422 Brook Circle, Hurricane, WV

OIL AND GAS INSPECTOR FOR THIS WORK Deo

Mace ADDRESS Rt 1, Box 5, Sandridge

PERMIT ISSUED 9/1/82

DRILLING COMMENCED 9/22/82

DRILLING COMPLETED 9/30/82

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"		253	150 sx
9 5/8			
8 5/8			
7		2401	165 sx
5 1/2			
4 1/2		5165	225 sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Oriskany S.S. Depth 5009 feet

Depth of completed well 5175 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 Oriskany S.S. Pay zone depth 5066-5074 feet

Gas: Initial open flow 70 Mcf/d Oil: Initial open flow -- Bbl/d

Final open flow Made water Mcf/d Final open flow -- Bbl/d

Time of open flow between initial and final tests -- hours

Static rock pressure 375 psig (surface measurement) after -- hours shut in

(If applicable due to multiple completion--)

Second producing formation Huron Devonian Brown Shale Pay zone depth 4144-4220 feet

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

Final open flow 184 Mcf/d Oil: Final open flow -- Bbl/d

Time of open flow between initial and final tests -- hours

Static rock pressure 875 psig (surface measurement) after -- hours shut in

(REVERSE)

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

10/06/82 Oriskany S.S. Perforation:
5066-5074' (4 shots/ft.)
32 holes, 0.39" dia.

10/08/82 Oriskany S.S. Fracture: (acidizing)
Pumped 2500 gal of 28% HCL w/1000 SCF N₂/bbl
Treatment pressure: 1650 psig
ISIP: 500 psig

11/10/82 Devonian Brown Shale Perforation:
4144-4220, 17 shots, 0.35" dia. *PLUGGED BACK to 4350'*

11/11/82 Devonian Brown Shale Fracture:
Total sand 60,000 # 20/40
Total N₂: 1,195 MSCF; Total fluid: 409 BBL
ISIP: 1800 PSI
Treatment pressure: @ 2600 PSI
WELL LOG *10/29/82*

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sandstone and shale			0	1132	
Sandstone			1132	1228	
Sandstone and shale			1228	1670	
Limestone			1670	1985	
Sandstone			1985	2120	
Shale			2120	2464	
Coffee shale			2464	2487	
Berea S.S.			2487	2499	
Shale			2499	3731	<i>3520 ✓</i>
Brown Shale			3731	4291	s/g @ 3569, 3662, 3686, 3846, 3866, 4060,
Shale			4291	4661	s/g @ 4148, 4173, 4201, 4416, 4478,
Marcellus			4661	4960	<i>4920, 4980, 5020</i>
Onondaga L.S.			4960	5009	
Oriskany S.S.			5009	5100	s/g @ 5070, 5089, 5116
Helderberg			5100	5175 T.D	

4144
2499

1645

from el-log:
top
Susquehanna 2466
Berea 2486
Oriskany 2500
Helderberg 3780
Tawa 4282
Annapolis 4430
Christie 4690
Onondaga 4776
Marcellus 4936
Onondaga 4960

(Attach separate sheets as necessary)

KAISER EXPLORATION AND MINING COMPANY

Well Operator

By: E. A. P.

Date: December 1, 1982

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 strata, encountered in the drilling of a well."



Operator's Well No. KEM #255

API Well No. 47 035 1751

State County Permit

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil / Gas /
(If "Gas", Production / Underground storage / Deep / Shallow /)

LOCATION: Elevation: 798' Watershed: Grasslick Run
District: Ripley County: Jackson Quadrangle: Ripley

WELL OPERATOR Kaiser Exploration and Mining Co. DESIGNATED AGENT R. A. Pryce
Address P. O. Box 8 Ravenswood, WV 26164
Address P. O. Box 8 Ravenswood, WV 26164

OIL & GAS ROYALTY OWNER Gladys A. Price, et al
Address 422 Brook Circle Hurricane, WV 25526
Acreage 134.5

COAL OPERATOR None
Address

SURFACE OWNER Fairplain Land Corp.
Address Ripley, WV 25271
Acreage

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Same as oil and gas owner
Address None

FIELD SALE (IF MADE) TO:
Address

Name
Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Deo Mace
Address Rt. 1, Box 5 Sandridge, WV

COAL LESSEE WITH DECLARATION ON RECORD:
Name
Address

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated November 14, 1981, to the undersigned well operator from Charles T. & Jean Price

(If said deed, lease, or other contract has been recorded):
Recorded on December 21, 81, in the office of the Clerk of the County Commission of Jackson County, West Va., in Lease Book 167 at page 296. A permit is requested as follows:

PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate /
Plug off old formation / Perforate new formation /
Other physical change in well (specify) _____
_____ planned as shown on the work order on the reverse side hereof. /

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.

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.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

RECEIVED
AUG 23 1982
OIL & GAS DIVISION
DEPT. OF MINES

KAISER EXPLORATION AND MINING COMPANY
Well Operator
By R.A. Pryce / dc
Its General Manager

BLANKET BOND

DRILLING CONTRACTOR (IF KNOWN) Clint Hurt & Associates, Inc.

Address P. O. Box 388

Elkview, WV 25071

GEOLOGICAL TARGET FORMATION, Oriskany

Estimated depth of completed well, 5165 feet Rotary X / Cable tools /

Approximate water strata depths: Fresh, feet; salt, feet.

Approximate coal seam depths: Is coal being mined in the area? Yes / No /

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							Kinds	
Fresh Water	10 3/4"					250'	250'	150 sks class A (to surface)
Coal								Sizes
Intermediate	7"					2383'	2383'	65 sks 50/50 pozmix 100 sks Class A
Production	4 1/2"					5165'	5165'	225 sks 50/50 pozmix set
Tubing								
Liners								Perforations:
								Top Bottom

NOTE: 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.

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.

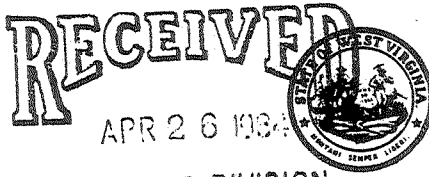
THIS PERMIT MUST BE POSTED AT THE WELL SITE.
 ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,
 ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
 APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE
 IF OPERATIONS HAVE NOT COMMENCED BY 5-1-83
 BY [Signature]

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.

Date: , 19 By
 Its



1) Date: April 5, 1984
 2) Operator's Well No. KEM-255
 3) API Well No. 47 - 035 - 1751-FRAC
 State County Permit

OIL & GAS DIVISION
DEPT. OF MINES 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: 798' Watershed: Grasslick Run
 District: Ripley County: Jackson Quadrangle: Ripley
- 6) WELL OPERATOR KEMEX Kaiser Exp & 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 Name J. Tephabock
 Address Ripley, WV 25271
- 9) DRILLING CONTRACTOR: Name Kaiser Drilling Rig #1
 Address P. O. Box 8
Ravenswood, WV 26164
- 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; treat Berea; isolate
- 11) GEOLOGICAL TARGET FORMATION, Berea Sandstone Shale, Berea with tubing and packer.
- 12) Estimated depth of completed well, 4350' (PBD) feet
 13) Approximate trata depths: Fresh, 160' feet; salt, 650' feet.
 14) Approximate coal seam depths: None 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		
Conductor									Kinds <u>None</u>
Fresh water	<u>10 3/4</u>	<u>H</u>	<u>40.50</u>	<u>X</u>		<u>253' (KB)</u>	<u>253' (KB)</u>	<u>150 sx Neat</u>	Sizes <u>-</u>
Coal								<u>65 sx Poznix</u>	
Intermediate	<u>7</u>	<u>K</u>	<u>20</u>	<u>X</u>		<u>2401' (KB)</u>	<u>2401' (KB)</u>	<u>100 sx Neat</u>	
Production	<u>4 1/2</u>	<u>N</u>	<u>11.60</u>	<u>X</u>			<u>5165' (KB)</u>	<u>225 sx Poznix</u>	Depths set <u>-</u>
Tubing									
Liners									Perforations:
									Top Bottom
									<u>4144 4220' (KB)</u>

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-035-1751-FRAC Date May 15, 1984

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 May 15, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agent: <u>KA</u>	Plat: <u>TS</u>	Casing: <u>TS</u>	Fee: <u>96.1-035</u>
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[Signature]
 Administrator, Office of Oil and Gas

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