

FILE NO. 6-23
 DRAWING NO. REV. NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION ROAD INTER. ELEV. = 623, 1500' S.E. 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

VINCENT W. WOOD
 LICENSE NO. 584
 STATE OF WEST VIRGINIA
 LAND SURVEYOR
 PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



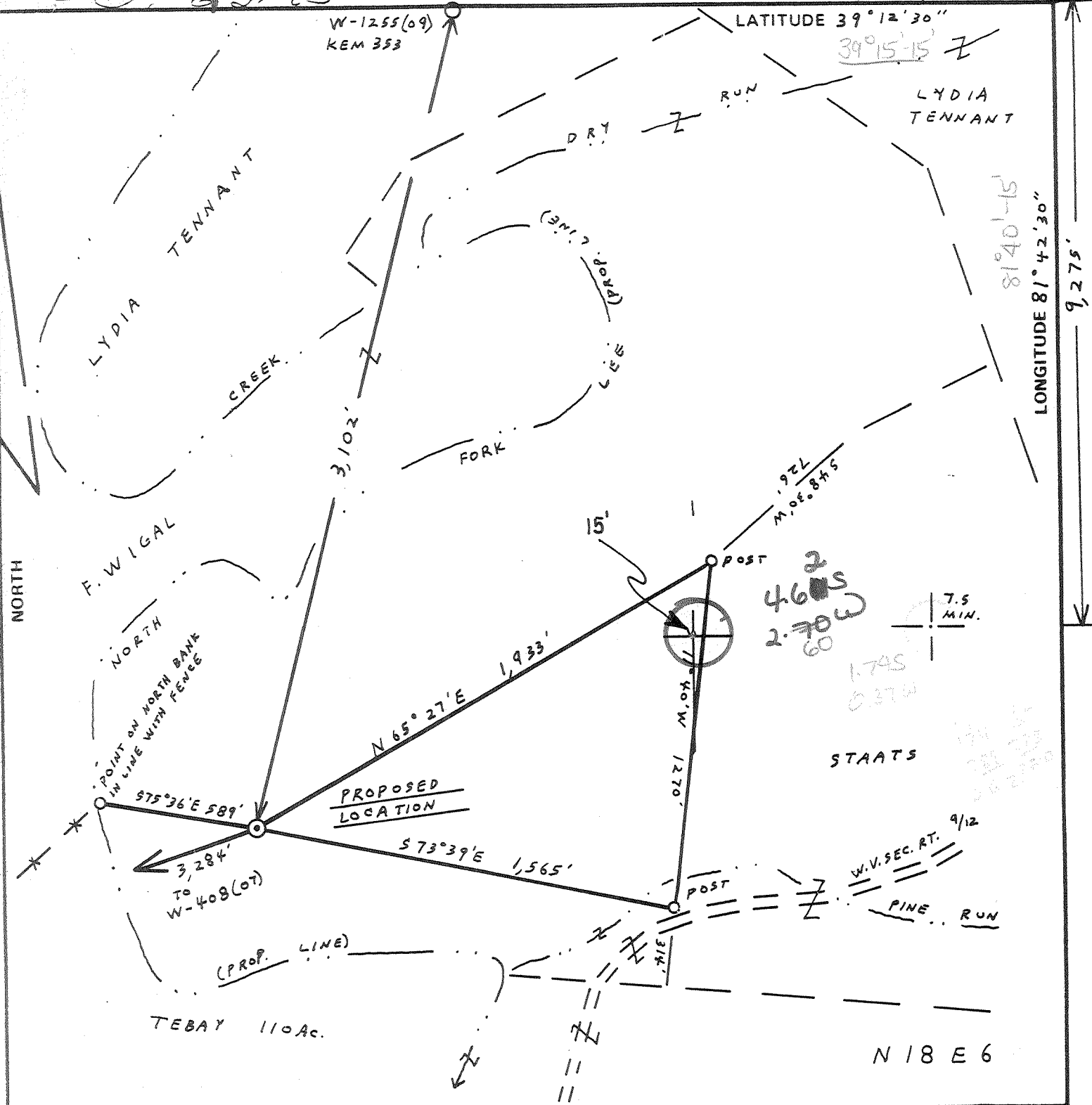
DATE JUNE 2, 1983
 OPERATOR'S WELL NO. KEM 360 REV.
 API WELL NO.

47-107-1267-F
 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 X SHALLOW ___
 LOCATION: ELEVATION 622 WATERSHED NORTH FORK OF LEE CREEK
 DISTRICT HARRIS COUNTY WOOD
 QUADRANGLE LUBECK 449 009 NW1
 SURFACE OWNER ROBERT K. TEBAY, JR. ACREAGE 116
 OIL & GAS ROYALTY OWNER ROBERT K. TEBAY, JR. LEASE ACREAGE 226
 LEASE NO. 86-05-2035
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) OCT 27 1986

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ owner - b6 New England (296)
 TARGET FORMATION ORISKANY ESTIMATED DEPTH _____
 WELL OPERATOR KAISER EXPLOR. & MINING CO. DESIGNATED AGENT KAISER EXPLORATION AND MINING CO.
 ADDRESS P.O. BOX 8 ADDRESS P.O. BOX 8 DEEP WELL

FORM IV-6 (8-78)



FILE NO. 6-23
 DRAWING NO. REV. NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION ROAD INTER. ELEV. = 623
1500' S.E. 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 JUNE 2, 1983
 OPERATOR'S WELL NO. KEM 360 REV.
 API WELL NO. _____
47 - 107 - 1267
 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 X SHALLOW ___
 LOCATION: ELEVATION 622 WATER SHED NORTH FORK OF LEE CREEK
 DISTRICT HARRIS COUNTY WOOD
 QUADRANGLE LUBECK Bellville 15' NW
 SURFACE OWNER ROBERT K. TEBAY, JR. ACREAGE 116
 OIL & GAS ROYALTY OWNER ROBERT K. TEBAY, JR. LEASE ACREAGE 226
 LEASE NO. 86-05-2035
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
DEEPWELL
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ORISKANY ESTIMATED DEPTH 4936' new England (296)
 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

IV-35
(Rev 8-81)

RECEIVED
JAN 19 1984



OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date November 15, 1983
Operator's
Well No. KEM-360
Farm Robert K. Tebay, Jr.
API No. 47 - 107 - 1267

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: 622 779 77 Watershed North Fork Lee Creek
District: Harris County Wood Quadrangle Lubeck

COMPANY Kaiser Exploration and Mining Co.
ADDRESS P. O. Box 8, Ravenswood, WV. 26164
DESIGNATED AGENT Robert A. Pryce
ADDRESS P. O. Box 8, Ravenswood, WV 26164
SURFACE OWNER Robert K. Tebay, Jr.
ADDRESS Rt. 3, Parkersburg, WV 26101
MINERAL RIGHTS OWNER Same
ADDRESS _____

OIL AND GAS INSPECTOR FOR THIS WORK Samuel
Hersman ADDRESS P.O. Box 66, Smithville, WV
PERMIT ISSUED 6/28/83
DRILLING COMMENCED 8/16/83
DRILLING COMPLETED 8/22/83

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. | | | |
| K-10 3/4 | | 250' | 1 1/5 sks class A floccie, 2 1/2 #/sk |
| 9 5/8 | | | |
| 8 5/8 | | | |
| 7 | | 1585' | 65 sks 50/50 poz-mix, 100 sk Class |
| 5 1/2 | | | |
| 4 1/2 | | 4133' | 2 1/2 sk 50/50 poz-mix, 10% salt, floccie, 1 1/2 #/sk |
| 3 | | | Gilsonite |
| 2 | | | |
| Liners used | | | |

GEOLOGICAL TARGET FORMATION Oriskany Sandstone Depth 4102 feet
Depth of completed well 4180 feet Rotary / Cable Tools _____
Water strata depth: Fresh NA feet; Salt NA feet Drilled on fluid
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Oriskany Sandstone Pay zone depth 4100-4107 feet
Gas: Initial open flow trace Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow est. 250 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure 1550 psig (surface measurement) after _____ 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 _____ hours shut in

OCT 1 1984

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

- 8/24/83 - Oriskany Sandstone Perforation: 4100' - 4107', 4 holes/ft., 28 holes, .41" diameter
- 8/29/83 - Oriskany sandstone Fracture: Cross link w/N₂ assist. 45,000# of 20/40 sand. Treating pressure of 1700 psig w/7 ½ BPM and 4500 SCF/min. Total fluid pumped = 650 bbls. Total N₂ = 356,000 scf. ISIP = 1300 psig. 5 min. SI = 1100 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 | 196 | |
| Sand | | | 196 | 314 | |
| Shale | | | 314 | 348 | |
| Sand | | | 348 | 391 | |
| Siltstone and Shale | | | 391 | 556 | |
| Sand | | | 556 | 714 | |
| Shale | | | 714 | 793 | |
| Sand | | | 793 | 845 | |
| Shale | | | 845 | 984 | |
| Sand | | | 984 | 1000 | |
| Shale | | | 1000 | 1048 | |
| Little Dunkard Sand | | | 1048 | 1087 | |
| Shale | | | 1087 | 1146 | |
| Big Dunkard Sand | | | 1146 | 1287 | |
| Shale | | | 1287 | 1325 | |
| Salt Sands | | | 1325 | 1498 | |
| Shale | | | 1498 | 1829 | |
| Coffee Shale | | | 1829 | 1847 | |
| Berea Sand | | | 1847 | 1850 | |
| Shale | | | 1850 | 2986 | |
| Brown Shale | | | 2986 | 3476 | S/G |
| Shale | | | 3476 | 4004 | |
| Onondaga Lime | | | 4004 | 4082 | |
| Oriskany Sand | | | 4082 | 4130 | S/G |
| Helderberg Lime | | | 4130 | 4195 | |
| Total Depth | | | <u>4195</u> | | |

(Attach separate sheets as necessary)

KAISER EXPLORATION AND MINING COMPANY
Well Operator

By: R. A. P.

Date: General Manager

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."



1) Date: October 13, 1986
 2) Operator's Well No. KEM #360
 3) API Well No. 47 107 1267-F
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow)
 5) LOCATION: Elevation: 622' Watershed: North Fork of Lee Creek
 District: Harris 2 County: Wood Quadrangle: Lubeck 449
 6) WELL OPERATOR Kaiser Exploration and Mining Company CODE: 25330 7) DESIGNATED AGENT R. A. Pryce
 Address P. O. Box 8 Address Same
Ravenswood, WV 26164
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Glen Robinson Name KEMGAS
 Address Rt. 1, Mt. Pleasant Estates Address Same
Mineral Wells, WV 26150
 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate /
 Plug off old formation / Perforate new formation / Squeeze 4 1/2" casing; set
 Other physical change in well (specify) permanent bridge plug to isolate Oriskany, perf
 11) GEOLOGICAL TARGET FORMATION, Brown Shale & Berea & stimulate B. Sh and Berea
 12) Estimated depth of completed well, 3550 feet
 13) Approximate strata depths: Fresh, N/A feet; salt, N/A feet.
 14) Approximate coal seam depths: None Is coal being mined in the area? Yes / No

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>J-55</u> | <u>45.5</u> | <input checked="" type="checkbox"/> | | <u>250'</u> | <u>250'</u> | <u>175 sks</u> | Sizes <u>--</u> |
| Coal | | | | | | | | | Depths set <u>--</u> |
| Intermediate | <u>7"</u> | <u>J-55</u> | <u>20.0</u> | <input checked="" type="checkbox"/> | | <u>1585'</u> | <u>1585'</u> | <u>65 sks</u> | Perforations: |
| Production | <u>4 1/2</u> | <u>N-80</u> | <u>11.6</u> | <input checked="" type="checkbox"/> | | <u>4133'</u> | <u>4133'</u> | <u>225 sks</u> | Top <u>4100</u> Bottom <u>4107</u> |
| Tubing | | | | | | | | | |
| Lin... | | | | | | | | | |

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-107-1267-F

Date October 23 19 86

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 October 23, 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: <input checked="" type="checkbox"/> | Casing: <input checked="" type="checkbox"/> | Fee: <u>969788</u> | WPP: <input checked="" type="checkbox"/> | S&E: <input checked="" type="checkbox"/> | Other: <input type="checkbox"/> |
|---|------------------|---|---|--------------------|--|--|---------------------------------|

John D. Johnston
 Director, Division of Oil and Gas
 by Margaret J. Lass File

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



IV-35
(Rev 8-81)

RECEIVED
DEC 17 1987

State of West Virginia

Department of Mines
Oil and Gas Division

Date December 16, 1986
Operator's
Well No. KEM #360
Farm Robert Tebay
API No. 47 - 107 - 1267

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

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: 779' 622 Watershed North Fork of Lee Creek
District: Harris County Wood Quadrangle Lubeck

COMPANY Kaiser Exploration and Mining Company

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

DESIGNATED AGENT R. A. Pryce

ADDRESS Same

SURFACE OWNER Robert K. Tebay, Jr.

ADDRESS Rt. 3, Parkersburg, WV 26101

MINERAL RIGHTS OWNER Same

ADDRESS

OIL AND GAS INSPECTOR FOR THIS WORK Glen

Robinson ADDRESS Rt. 1, Mineral Wells, WV

PERMIT ISSUED 6/28/83

DRILLING COMMENCED 8/16/83

DRILLING COMPLETED 8/22/83

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 Cord. | | | |
| 10 3/4" 10 3/4" | 250' | 250' | 175 sks Class A |
| 9 5/8 | | | |
| 8 5/8 | | | |
| 7 | | 1585' | 55 sks 50/50 pozmix |
| 5 1/2 | | | |
| 4 1/2 | | 4133' | 225 sks 50/ pozmix |
| 3 | | | |
| 2 | | | |
| Liners used | | | |

GEOLOGICAL TARGET FORMATION Oriskany Sandstone Depth 4102 feet

Depth of completed well 4180 feet Rotary X / Cable Tools

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

Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Devonian Brown Shale Pay zone depth 3265 - 3467 feet

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

Final open flow *500 Mcf/d 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 Berea Sandstone Pay zone depth 1844-1846 feet

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

Final open flow *500 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

DEC 21 1987

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

- 12/11/86 Young's Wireline to perforate the Brown Shale from ^{Huron} 3265' to 3467' w/20 shots
 12/04/86 NOWSCO 75% foam frac the Brown Shale w/60,000# of 20/40 sand, 655,000 scf of nitrogen; 262 bbl of water at 2000 psig; ISIP: 1500 psig; 5 min SIP: 1110 psig.
 12/04/86 Young Wireline perforated the Berea Sandstone from 1844' to 1846' w/16 shots
 12/04/86 NOWSCO 75% foam frac the Berea w/45,000# of 20/40 sand; 15,000# of 10/20 sand; 589,000 scf of nitrogen; 305 bbl of water at 1500 psig; ISIP: 1160 psig; 5 min SIP: 1030 psig.

WELL LOG

| FORMATION | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS Including indication of all free and salt water, coal, oil and gas |
|--------------------|-------|--------------|----------|-------------|---|
| SEE ORIGINAL OG-10 | | | | | |

RECEIVED
DEC 17 1987

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

(Attach separate sheets as necessary)

KAISER EXPLORATION AND MINING COMPANY

Well Operator

By: RAP

Date: December 16, 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 all formations encountered in the drilling of a well."
 4701



1) Date: March 17, 19 83
 2) Operator's Well No. KEM #360
 3) API Well No. 47 107 1267
 State _____ County _____ Permit _____

DRILLING CONTRACTOR:

Clint Hurt & Associates
Elkview, WV

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 X / Shallow _____ /)
- 5) LOCATION: Elevation: 279 / Watershed: North Fork Lee Creek
 District: Harris County: Wood Quadrangle: Lubeck
- 6) WELL OPERATOR Kaiser Exploration and Mining Co. 11) DESIGNATED AGENT R. A. Pryce
 Address P. O. Box 8 Ravenswood, WV 26164 Address Same
- 7) OIL & GAS ROYALTY OWNER Robert K. Tebay, Jr. 12) COAL OPERATOR None
 Address Rt. 3 Parkersburg, WV Address _____
 Acreage 110
- 8) SURFACE OWNER Same 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Name None Address _____
 Name _____ Address _____
- 9) FIELD SALE (IF MADE) TO:
 Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Samuel Hersman 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Address P. O. Box 66 Smithville, WV 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, Oriskany
- 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 _____ /

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 | <u>10 3/4"</u> | | | <u>X</u> | | <u>250</u> | <u>250</u> | <u>150 sks class A to surface</u> | |
| Coal | | | | | | | | | Sizes |
| Intermediate | <u>7"</u> | | | <u>X</u> | | <u>1900</u> | <u>1900</u> | <u>85 sks 50/50 mix</u> | |
| Production | <u>4 1/2"</u> | | | <u>X</u> | | <u>4379</u> | <u>4379</u> | <u>100 sks class A</u> | Depths set |
| Tubing | | | | | | | | <u>225 sks 50/50 mix</u> | |
| 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: General Manager
 My Commission Expires _____ Its: _____

OFFICE USE ONLY

Permit number 47-107-1267 **DRILLING PERMIT** Date June 23 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 February 23, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

| | | | | |
|-------|--------|-------|--------|-----|
| Bond: | Agent: | Plat: | Casing | Fee |
| | | | | |

Administrator, Office of Oil and Gas