

1050

LATITUDE 39° 22' 30"

✓ Plotted

LONGITUDE 80° 47' 30" 8450

NORTH



4013

1.60S = 7.5'
0.20W = 7.5'
4.48S = 7.5'
2.43W = 7.5'

16940

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
DRAWING NO. _____
SCALE _____
MINIMUM DEGREE OF ACCURACY _____
PROVEN SOURCE OF ELEVATION _____

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 ENERGY.
(SIGNED) _____
R.P.E. _____ L.L.S. _____

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE 3/9 1993
OPERATOR'S WELL NO. 4013
API WELL NO. 47-017-4073-N
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1105 WATERSHED CAMP MISTAKE RUN
DISTRICT West Union COUNTY Doddridge
QUADRANGLE West Union West Union (EC) 15'
SURFACE OWNER JACOB SMITH ACREAGE 64
OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE _____
LEASE NO. 5481

COUNTY NAME

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PERMIT

PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION BIG INJUN ESTIMATED DEPTH 2046'
WELL OPERATOR Equitrans Inc. DESIGNATED AGENT John G. Kalafat
ADDRESS 3500 PARK LANE ADDRESS _____
Pittsburgh PA 15275



West Union 7.5
Well 4013
EQUITRANS INC.

017-4073-N

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS

WELL REGISTER ASSIGNMENT

This API Number 47- 17-04073, issued to EQUITRANS, INC. is evidence of permission to operate the well that is referenced at the location described on the attached plat, subject to the provisions of Chapters 22 and 22B of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder. The name and telephone number of the Oil and Gas Inspector for this well is MIKE UNDERWOOD - 304-782-1043.

Spills or emergency discharges must be reported to 1-800-654-3312.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of your permits and in addition may result in civil and/or criminal penalties.

The enclosed WR-35 must be completed by you and returned to this office. In addition annual production reports must be submitted on this well and failure to do so may require you to plug the well.

Theodore M. Streit
Chief

By: 

Title: _____

Operator's Well No: 4013

Farm Name: SMITH, JACOB

API Well Number : 47- 17-04073 N

Date Issued : 12/07/93

017-4073-N

LESSOR SMITH JACOB LEASE NO. 5488 ACRES 6.25 MAP W 11 SE 22 ELEVATION 1210 DIST. 11.5

| DATE | FORMATIONS | TOP | BOTTOM | GAS AT | OIL AT | WATER AT | CLASSIFICATION |
|----------|---------------------|------|--------|--------|--------|----------|----------------|
| 11-15-11 | WARRICKVILLE COAL | 140 | 142 | | | | |
| | MAPLETOWN | | | | | | |
| | REDSTONE | 655 | 638 | | | | |
| 4-10-12 | PITTSBURGH | | | | | | |
| | MONTICELLO SAND | 850 | 905 | | | | |
| 5-18-12 | AMES LINEDSTONE | | | | | | |
| | BARRETTOWN COAL | | | | | | |
| | L. DUNKARD SAND | | | | | | |
| | B. DUNKARD SAND | 1135 | 1155 | | | | |
| | UPPER FREEPORT COAL | | | | | | |
| | L. KITT. | | | | | | |
| | U. KITT. | | | | | | |
| | VANPORT LIME | | | | | | |
| | CLARION COAL | | | | | | |
| | BROOKVILLE COAL | | | | | | |
| | FREEPORT SAND | 1352 | 1420 | | | | |
| | MERCER COAL | | | | | | |
| | 1ST SALT SAND | 1520 | 1570 | | | | |
| | 2ND " | 1493 | 1550 | | | | |
| | 3RD " | 1525 | 1715 | | | | |
| | MAXTON " | | | | | | |
| | LITTLE LIME | 1826 | 1840 | | | | |
| | PENCIL CAVE | 1840 | 1873 | | | | |
| | BIG LIME (MURKIN) | 1873 | 1936 | | | | |
| | BIG INJIN SAND | 1936 | 2046 | | | | |
| | SQUAW " | | | | | | |
| | 2ND GAS " | | | | | | |
| | MURKIN SAND (BEREA) | | | | | | |
| | TOTAL DEPTH | | | | | | |
| | TOTAL DEPTH | | | | | | |

| DATE | FORMATIONS | TOP | BOTTOM | GAS AT | OIL AT | WATER AT | CLASSIFICATION |
|------|-------------------------|-----|--------|--------|--------|----------|----------------|
| | W. SAND (MINEVA) | | | | | | |
| | SIX SAND (BLUE MON.) | | | | | | |
| | GOR. STRAY SAND | | | | | | |
| | GORDON SAND (THIRD) | | | | | | |
| | 7TH A " | | | | | | |
| | 7TH A " (MCDONALD) | | | | | | |
| | 7TH A " | | | | | | |
| | BAYARD " (SIXTH) | | | | | | |
| | BAYARD STRAY SAND | | | | | | |
| | " " STL. SD. | | | | | | |
| | ELIZABETH SAND | | | | | | |
| | 1ST WARREN SAND | | | | | | |
| | 2ND " | | | | | | |
| | SPEECH STRAY SAND | | | | | | |
| | SPEECHLEY SAND | | | | | | |
| | TIONAL SAND | | | | | | |
| | 1ST BALTOWN SAND | | | | | | |
| | 2ND " | | | | | | |
| | SNEFFIELD " | | | | | | |
| | 1ST BRADFORD " (BENSON) | | | | | | |
| | 2ND " | | | | | | |
| | 3RD " | | | | | | |
| | ELK SAND | | | | | | |
| | ORISKANY SAND | | | | | | |
| | TOTAL DEPTH | | | | | | |
| | TOTAL DEPTH | | | | | | |

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| | MAPLETOWN | | | | | | |
| | REDSTONE | | | | | | |
| | PITTSBURGH | | | | | | |
| | MONTICELLO SAND | | | | | | |
| | AMES LINEDSTONE | | | | | | |
| | BARRETTOWN COAL | | | | | | |
| | L. DUNKARD SAND | | | | | | |
| | B. DUNKARD SAND | | | | | | |
| | UPPER FREEPORT COAL | | | | | | |
| | L. KITT. | | | | | | |
| | U. KITT. | | | | | | |
| | VANPORT LIME | | | | | | |
| | CLARION COAL | | | | | | |
| | BROOKVILLE COAL | | | | | | |
| | FREEPORT SAND | | | | | | |
| | MERCER COAL | | | | | | |
| | 1ST SALT SAND | | | | | | |
| | 2ND " | | | | | | |
| | 3RD " | | | | | | |
| | MAXTON " | | | | | | |
| | LITTLE LIME | | | | | | |
| | PENCIL CAVE | | | | | | |
| | BIG LIME (MURKIN) | | | | | | |
| | BIG INJIN SAND | | | | | | |
| | SQUAW " | | | | | | |
| | 2ND GAS " | | | | | | |
| | MURKIN SAND (BEREA) | | | | | | |
| | TOTAL DEPTH | | | | | | |
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FIRST PRESSURE TEST IN 6 5/8 CASING

REMARKS

30 Sec. 20 lbs.
 1 Min. 35 "
 2 " 57 "
 5 " 118 "
 10 " 175 "
 15 " 205 "
 30 " 253 "

Rock Pressure 442 " in 24 hrs.

Taken May 19 1912

By D. S. Looman

Cap 1,568,259 Cu. ft.

WELL TUBED AND PACKED May 21 1912

VIZ: Used 2043 ft. 3" Tubing 96 ft.
1- 6 5/8 x 3" Anchor Packer
7 ft. 128 ft. of Anchor

FIRST PRESSURE TEST IN 3" TUBING

REMARKS

30 Sec. 75 lbs.
 1 Min. 120 "
 2 " 160 "
 5 " 210 "
 10 " 237 "
 15 " 260 "
 30 " 310 "

Rock Pressure 420 " in

Taken May 21 1912

By Looman

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

