

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION BM ON R.R.
854'

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) David L. Mitchell
 R.P.E. _____ L.L.S. 873

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (7-87)



DATE 11/28/89, 19____
 OPERATOR'S WELL NO. 4190
 API WELL NO. 47-017-4075-P
 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 ___ SHALLOW ___
 LOCATION: ELEVATION 1027 WATER SHED YEAGER RUN
 DISTRICT CENTRAL COUNTY DODDRIDGE
 QUADRANGLE PENNSBORO/WEST UNION SW 31-42
 SURFACE OWNER J. Q. COCHRAN HRS ET AL ACREAGE 63
 OIL & GAS ROYALTY OWNER R. D. COCHRAN ET AL LEASE ACREAGE 63
 LEASE NO. 5565
 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 X CLEAN OUT AND REPLUG ___
 TARGET FORMATION BIG INJUN ESTIMATED DEPTH 1920' (T.D.)
 WELL OPERATOR EQUITRANS DESIGNATED AGENT BILL HOSTUTLER
 ADDRESS 4955 STEUBENVILLE PIKE ADDRESS P.O. BOX 1550
PITTSBURGH, PA. 15205 CLARKSBURG, WV 26301

JAN 3 1 1990

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

WELL REGISTER ASSIGNMENT

This API Number 47- 17-04075, 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: 4190

Farm Name: COCHRAN, JAMES

API Well Number : 47- 17-04075 N .

Date Issued : 12/07/93

FEB 07 1994

017-4075-N

NOV 190 LESSOR *James Cochran* LEASE NO. 5565 ACRES MAP *William S.W. 4* ELEVATION B DIV. F. DIST. PENNSBORO

WELL NO. *22-273* DATE *3-10-18* FORMATIONS WAYNESBURG COAL, MARLETON, REDBONE, PITTSBURGH, MURPHY SAND, JAMES LIMESTONE, PURCHASED FROM *W.M.S. COAL*, DATE PURCHASED *3-10-18*, OUTSIDE SERIAL NO. *1080*, SOLD TO *B. DUNKARD SAND*, DATE SOLD *3-18-18*, DATE ABANDONED *3-18-18*, DATE PLUGGED *3-18-18*, ANNUAL ROYALTY \$ *1.00* DUE *3-18*, WORKMEN'S COMP. NOTICE POSTED *3-18-18*, DRILLER'S LOG IN FILE *✓*

ADDRESS	OWNER	DATE NOTIFIED	DATE APPROVED	DEPARTMENT OF MINES DATA	DRILLER'S LOG IN FILE	COAL DATA	YAMPORT LIME	CLARKSON COAL	BROOKVILLE COAL	1ST GAS SAND	MERCER COAL	1ST SALT SAND	2ND " "	MATTON	LITTLE LIME	DRILLING PERMIT NO.	PLUGGING PERMIT NO.	FREE GAS DATA	ANNUAL ALLOWANCE	CONSUMER	ADDRESS	
<i>1855</i>	<i>1765</i>	<i>1350</i>	<i>1440</i>	<i>1515</i>	<i>1645</i>	<i>1818</i>	<i>1890</i>	<i>1920</i>	<i>1890</i>	<i>1920</i>	<i>1890</i>	<i>1920</i>	<i>1890</i>	<i>1920</i>	<i>1890</i>	<i>1920</i>	<i>1890</i>	<i>1920</i>	<i>1890</i>	<i>1920</i>	<i>1890</i>	<i>1920</i>

OPEN FLOW VOLUME & PRESSURE DATA

DATE	READING	LIQUID	SIZE	MINUTES	24 HR. DAY	VOLUME	PRODUCING SAND	C/O NO.	DATE LAID	DATE R.C.'D	SIZE	PAID	REMARKS
<i>3-10-18</i>	<i>6.8</i>	<i>8.5</i>	<i>3"</i>	<i>118</i>	<i>128/135</i>	<i>16.5</i>	<i>41/1027</i>	<i>520</i>	<i>3-18-18</i>	<i>6"</i>	<i>5.99</i>	<i>PE</i>	<i>RE</i>

REPAIR AND DRILLING DEEPER FLEXIBLE P.T. OR WELL

W/D/M/C NO.	DATE	REASON	COMMENCED	COMPLETED	C/O NO.	DEPTH	REMARKS
<i>B-0</i>	<i>3-10-18</i>	<i>REPAIR AND DRILLING DEEPER FLEXIBLE P.T. OR WELL</i>	<i>11:30</i>	<i>12:30</i>	<i>520</i>	<i>3-18-18</i>	<i>PE</i>

INDUCING RECORD

DATE	AMT.	DEPTH	VOLUME	DATE	AMT.	DEPTH	VOLUME
<i>3-10-18</i>	<i>16.5</i>	<i>41/1027</i>	<i>16.5</i>	<i>3-18-18</i>	<i>5.99</i>	<i>41</i>	<i>5.99</i>

DATE TURNED IN LINE *3-18-18* DATE DISCONNECTED *3-18-18*

PREVIOUS VOLUME FACTOR DATA

DATE DISCONNECTED

PRESENT

D. 1925

Wiring Co. 15 MCR Leg. 2-27X 1885-35398

DAILY VOLUME FACTOR *3.393*

* installed 1" PORT DRILLING - TANK WITH 2" DIA. AND 1" DIA. 60" DIA. 6-21-57 R. 1925-18 1925-18 1925-18

5150
LATITUDE 39°17'-30"

LONGITUDE 80°52'30"



0.285
0.98W = 7.5'
3.165
3.21W = 15'

16942

2068

) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

WELL NO. _____
DRAWING NO. _____
SCALE _____
MINIMUM DEGREE OF _____
ACCURACY _____
KNOWN 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

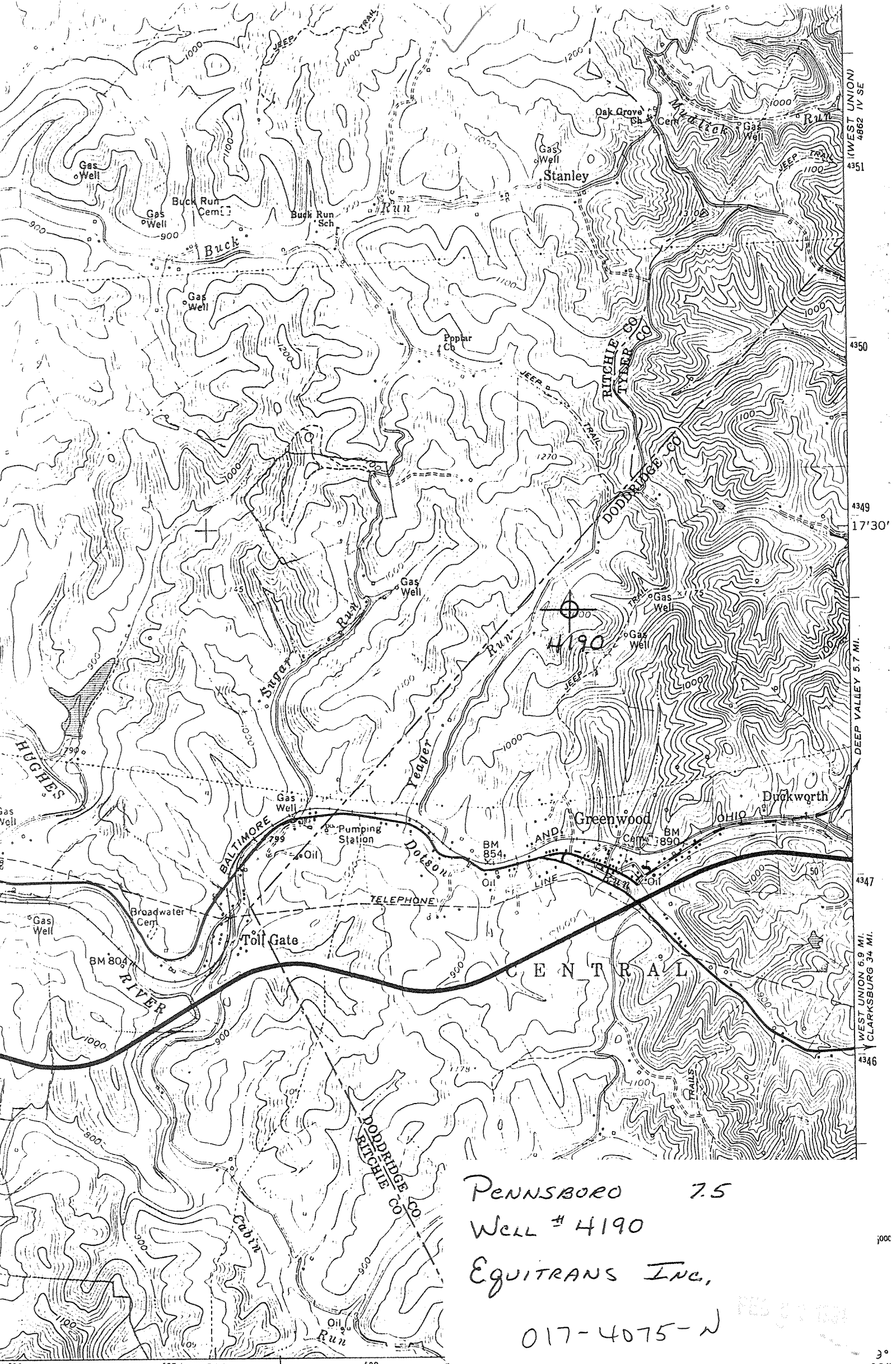


DATE 3/9 19 93
OPERATOR'S WELL NO. 4190
API WELL NO. _____
STATE 47 COUNTY 017 PERMIT 4075-N

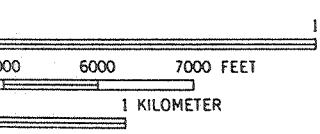
WELL TYPE: OIL _____ GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW
LOCATION: ELEVATION 1027 WATERSHED Yeager Run
DISTRICT CENTRAL QUADRANGLE PENNSBORO COUNTY Doddridge
FACE OWNER JAMES COCHRAN LEASE NO. 5565 LEASE ACREAGE _____ ACREAGE 63
& GAS ROYALTY OWNER _____
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 _____
GET FORMATION BIG INTUN ESTIMATED DEPTH 1920
OPERATOR EQUITRANS INC. DESIGNATED AGENT JOHN G. KALAFAT
ADDRESS 3500 PARK LANE ADDRESS _____
PITTSBURGH PA 15275

COUNTY NAME
PERMIT

11140



PENNSBORO 7.5
 Well # 4190
 Equitrans Inc.
 017-4075-N



ROAD CLASSIFICATION	
Heavy-duty	Light-duty
Medium-duty	Unimproved dirt
U.S. Route	State Route