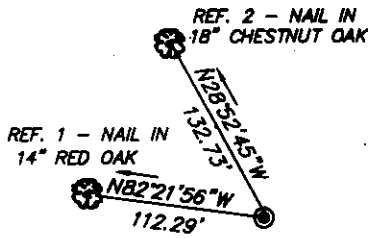


REFERENCES N.T.S.



PROPOSED CBM
EREC WVC 3693

47-047-0353
CABOT OIL & GAS

47-047-01096
CABOT OIL & GAS

POCA LAND CORP.
Tr 115

L. DAWSON - SURF.

CLARA CARTER HEIRS
COAL, OIL & GAS

ALPINE DEV. CO. - SURF

J. N. ROWE - SURF
POCA LAND CORP.
Tr 117
67.07 Ac.
COAL, OIL & GAS
ALPINE DEV. CORP.
COAL LESSEE

47-047-01096
CABOT OIL & GAS

PROPOSED CBM
EREC WVC 3693

B. BALL - SURF

POCA LAND CORP.
Tr 119

R. & L. WOODS

4\"/>

47-047-0415
BOYD OIL & GAS

LIZZIE EVANS HEIRS - SURF
COAL, OIL & GAS

EREC
47-047-1280-C

47-047-0315
CABOT OIL & GAS

POCAHONTAS LAND CO.
TRACT 118

CORNER TIES

- 3693 - "A" = S30°47'53"W 645.00'
- 3693 - "B" = S03°22'48"W 427.81'
- 3693 - "C" = N09°24'07"W 242.76'

NOTE: NO POSSIBLE WATER SOURCES LOCATED
WITHIN 1000' OF PROPOSED LOCATION.

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

**WELL COORDINATES
W. VA. STATE PLANE**
N 135360.0399
E 1762281.0084

FILE No 9614-10
DRAWING No. EREC WVC 3693
SCALE 1" = 1000'
MINIMUM DEGREE OF
ACCURACY 1 : 2500
PROVEN SOURCE OF
ELEVATION USGS BM 151 RHP,
1959, EL. 2156

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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE
DEPARTMENT OF MINES

(SIGNED) [Signature]
R.P.E. _____ R.P.S. 646



PLACE SEAL HERE

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
NITRO, WV



DATE JULY 5 19 97
OPERATOR'S WELL No. WVC 3693
API WELL No. 47 047-01318C

WELL TYPE: OIL ___ GAS CBM LIQUID INJECTION ___ WASTE DISPOSAL ___ STATE COUNTY PERMIT
(IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 2183.40 WATER SHED UNNAMED BRANCH OF BEARTOWN FORK
DISTRICT SANDY RIVER COUNTY McDOWELL
QUADRANGLE BRADSHAW, W. VA. - VA.

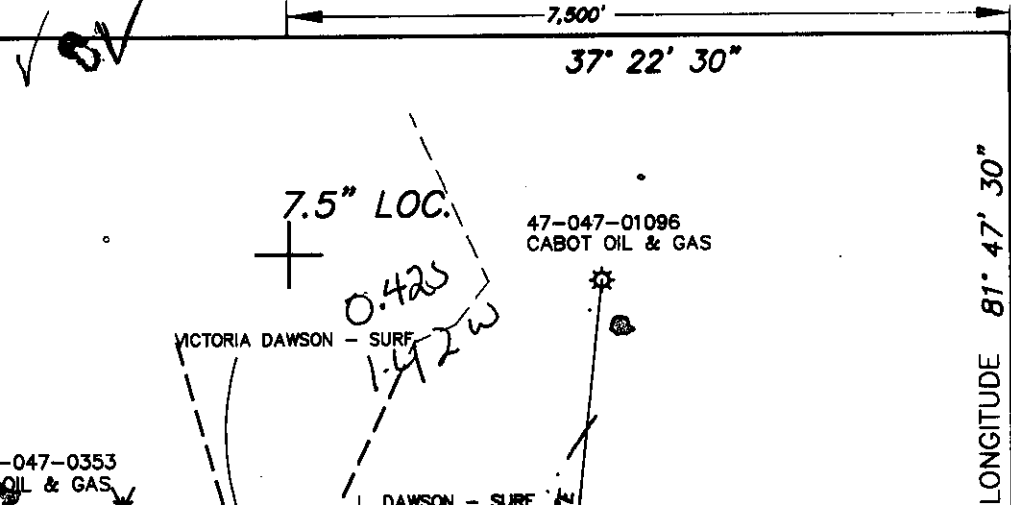
SURFACE OWNER ROGER AND LEONARD WOODS ACREAGE 12.5
OIL & GAS ROYALTY OWNER POCAHONTAS LAND CORP. LEASE ACREAGE 15,379.43
LEASE No. 497880L

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 ___ ESTIMATED DEPTH 2090'
TARGET FORMATION PENNSYLVANIAN COALS
WELL OPERATOR EQUITABLE RESOURCES ENERGY CO. DESIGNATED AGENT DAVID DEAN
ADDRESS 1989 EAST STONE DR. ADDRESS P.O. DRAWER 40
KINGSPORT, TN 37660 BUCHANNON, WV 26201

FORM IV-6 (8-78)

*Janil
9/10/97*



LONGITUDE 81° 47' 30"

37° 22' 30"

7,500'

2,250'

WR-35

10-Sep-97

API # 47- 47-01318 C

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: WOODS, ROGER, ETAL Operator Well No.: WVC-3693

LOCATION: Elevation: 2,183.40 Quadrangle: BRADSHAW

District: SANDY RIVER County: MCDOWELL
Latitude: 2250 Feet South of 37 Deg. 22Min. 30 Sec.
Longitude 7500 Feet West of 81 Deg. 47 Min. 30 Sec.

Company: EQUITABLE RESOURCES EXP.
1989 E. STONE DR., P.O. BOX 1983
KINGSPORT, TN 37662-1983

Agent: DAVID A. DEAN

Inspector: OFIE HELMICK
Permit Issued: 09/12/97
Well work Commenced: 10/19/97
Well work Completed: 10/22/97
Verbal Plugging _____
Permission granted on: _____
Rotary X Cable _____ Rig _____
Total Depth (feet) LTD=2045 DTD=2050
Fresh water depths (ft) 1310
Salt water depths (ft) _____

| Size | Casing & Tubing | Used in Drilling | Left in Well | Cement Fill Up Cu. Ft. |
|--------|-----------------|------------------|--------------|------------------------|
| 13 3/8 | | 42 | 42 | |
| 8 5/8 | | 319 | 319 | 103 |
| 4 1/2 | | 2023 | 2023 | 573 |
| 2 3/8 | | 1997 | 1997 | |

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 219-224, 323-326, 419-421, 544-547, 1024-1028, 1209-1215, 1336-1340, 1356-1358, 1669-1674, 1772-1777, 1800-1803
OPEN FLOW DATA

Producing formation COAL SEAMS * Pay zone depth (ft) 1209.5-1874.5
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 36 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 100 psig (surface pressure) after 48 Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

* BECKLEY POCO #5
FIRECREEK POCO #5 LEADER
L FIRECREEK POCO #3
POCO #1

For: MICHAEL P JASKOSKI
EQUITABLE RESOURCES EXP. INC.

By: Michael P Jaskoski
Date: _____

MCDOWELL 1318 C

API #: 47-047-01318 C
 OPERATOR WELL #: WVC3693
 FARM NAME: ROGER WOODS ET AL

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

1ST STAGE - PERFORATED POCO SEAMS #1, 3, 5 LEADER, & 5 FROM 1672.5 - 1874.5 WITH 17 PERFORATIONS. FRACTURED ON 11/17/97 BY DOWELL WITH 70Q LE FOAM; 19300# 12/20 SAND, 620,000 SCF N2, 493 TOTAL BBLs FLUID. BREAKDOWN PRESSURE 2100 PSI, MAX PRESSURE 4083 PSI, AVERAGE PRESSURE 3740 PSI, ISIP 1762 PSI, 1 MIN SIP 1721 PSI, 5 MIN SIP 1652 PSI. AVERAGE INJECTION RATE 44 BPM. F.G. = 1.24. SET FRAC PLUG @ 1395'

2ND STAGE - PERFORATED BECKLEY, FIRECREEK & L FIRECREEK FROM 1209.5 - 1362.5 WITH 17 PERFORATIONS. FRACTURED ON 11/18/97 BY DOWELL WITH 70Q LE FOAM; 17800# 12/20 SAND, 480,000 SCF N2, 402 TOTAL BBLs FLUID. BREAKDOWN PRESSURE 2561, MAX PRESSURE 4147 PSI, AVERAGE PRESSURE 3610 PSI, ISIP 1000 PSI, 1 MIN SIP 952 PSI, 5 MIN SIP 865 PSI., AVERAGE INJECTION RATE 47 BPM. F.G. = 1.51.

2) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

| | | | |
|--------------------------|------|------|------|
| SAND, SHALE & THIN COALS | 0 | 1211 | 1211 |
| BECKLEY | 1211 | 1215 | 4 |
| SAND, SHALE & THIN COALS | 1215 | 1338 | 123 |
| FIRE CREEK | 1338 | 1341 | 3 |
| SAND, SHALE & THIN COALS | 1341 | 1362 | 21 |
| L FIRECREEK | 1362 | 1363 | 1 |
| SAND, SHALE & THIN COALS | 1363 | 1672 | 309 |
| POCO #5 | 1672 | 1676 | 4 |
| SAND, SHALE & THIN COALS | 1676 | 1692 | 16 |
| POCO #5 LEADER | 1692 | 1693 | 1 |
| SAND, SHALE & THIN COALS | 1693 | 1774 | 81 |
| POCO #3 | 1774 | 1777 | 3 |
| SAND, SHALE & THIN COALS | 1777 | 1874 | 97 |
| POCO #1 | 1874 | 1876 | 2 |
| SAND, SHALE & THIN COALS | 1876 | 2045 | 169 |
| | | | |
| LOGGER'S TOTAL DEPTH | | 2045 | |
| DRILLER'S TOTAL DEPTH | | 2050 | |