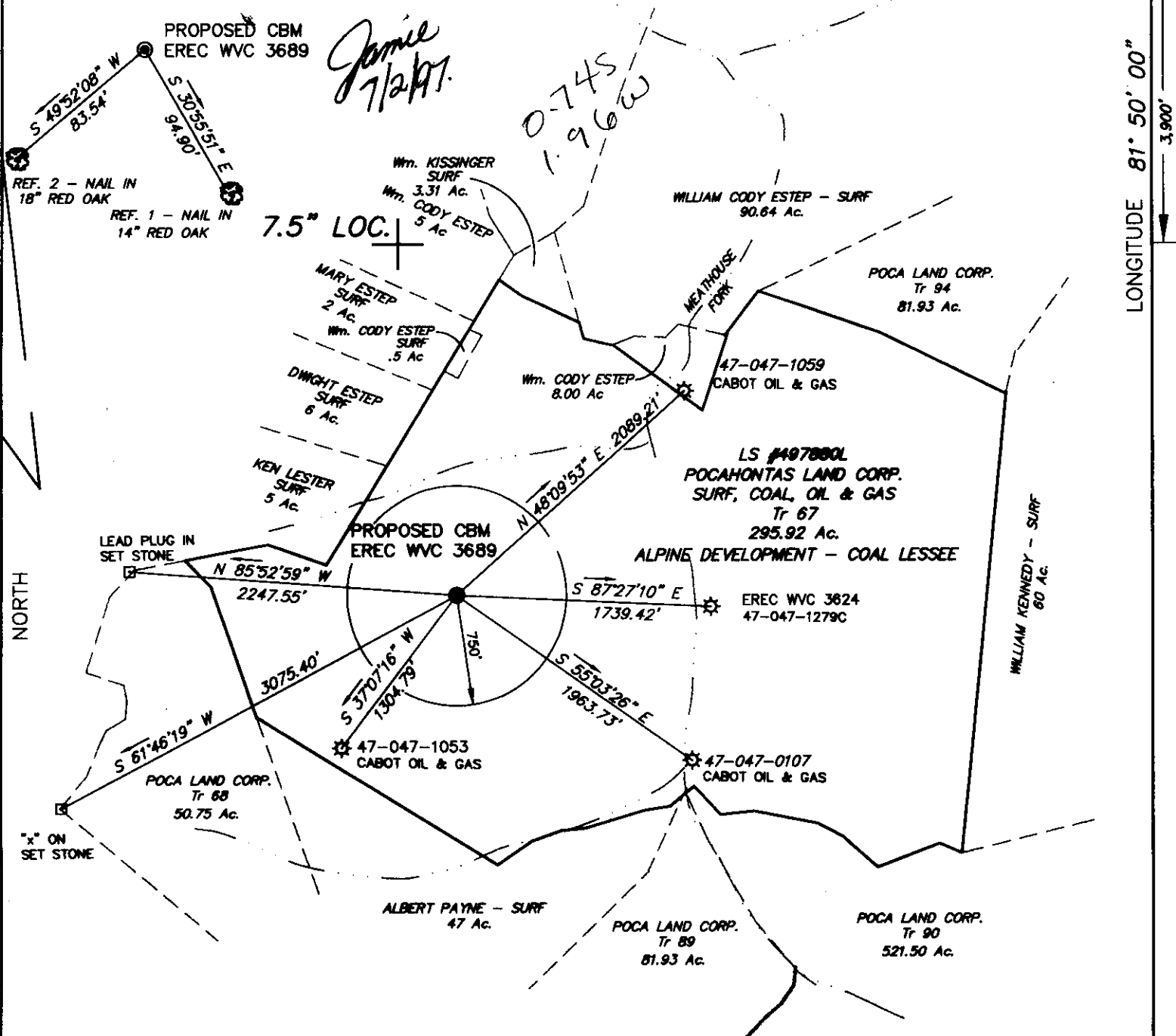


10,350'

LATITUDE 37° 22' 30"

LONGITUDE 81° 50' 00"

REFERENCES N.T.S.



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 133906.0368 E 1747481.3294

FILE No 9614-5
 DRAWING No. EREC WVC 3689
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 : 2500
 PROVEN SOURCE OF ELEVATION USGS BM 151 RHP, 1959. EL. 2156
 WEST VIRGINIA

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) William J. Whitman R.P.E. R.P.S. 646



PLACE SEAL HERE

DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WEST VIRGINIA 25143-2506



DATE MAY 19 19 97
 OPERATOR'S WELL No. WVC 3689
 API WELL No.

WELL TYPE: OIL GAS CBM LIQUID INJECTION WASTE DISPOSAL STATE 47 COUNTY 047-01306-C
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 2034.23' WATER SHED MEATHOUSE FORK OF PANTHER CREEK
 DISTRICT SANDY RIVER COUNTY McDOWELL
 QUADRANGLE BRADSHAW, W. VA. - VA.

SURFACE OWNER POCAHONTAS LAND CORP. ACREAGE 295.92
 OIL & GAS ROYALTY OWNER POCAHONTAS LAND CORP. LEASE ACREAGE 15.379.43
 LEASE No. 497880L

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 ESTIMATED DEPTH 2270' JUL 3 1997
 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

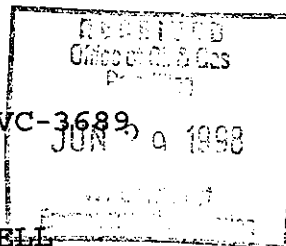
FORM IV-6 (8-78)

NR-35

30-Jun-97
API # 47- 47-01306 C

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

Well Operator's Report of Well Work



Farm name: POCAHONTAS LAND CORP. Operator Well No.: WVC-3689
LOCATION: Elevation: 2,034.23 Quadrangle: BRADSHAW
District: SANDY RIVER County: MCDOWELL
Latitude: 3900 Feet South of 37 Deg. 22Min. 30 Sec.
Longitude 10350 Feet West of 81 Deg. 50 Min. 0 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: 07/02/97
Well work Commenced: 10/1/97
Well work Completed: 10/5/97
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) LTD=2295 DTD=2334
Fresh water depths (ft) 310 & 883'
Salt water depths (ft) _____

Casing & Tubing Size	Used in Drilling	Left in-Well	Cement Fill Up Cu. Ft.
13 3/8	45	45	GROUTED
8 5/8	179	719	79
4 1/2	2268	2268	635
2 3/8	2049	2049	

Is coal being mined in area (Y/N)? Y
Coal Depths (ft): 78-83, 326-330, 420-423, 467-470, [OPEN MINE 673-678,] 806-811, 1100-1105, 1190-1193, 1270-1273, 1438-1440, 1560-1565, 1584-1587, 1643-1647, OPEN FLOW DATA 1846-1851, 1876-1880, 2023-2027, 2148-2151

Producing formation COAL SEAMS * Pay zone depth (ft) 1435-1947
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 66 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 318 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 #6
- FIRECREEK POCO #5
- L FIRECREEK POCO #4
- POCO #6 R poco #3

JOSEPH A AWNY
For: EQUITABLE RESOURCES EXP. INC.

By: Joseph A. Awny
Date: 6/23/97

MCDOWELL 1306 C

API #: 47-047-01306 C
 OPERATOR WELL #: WVC3689
 FARM NAME: POCAHONTAS LAND CORP.

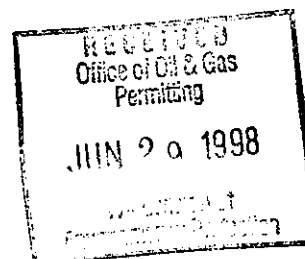
1) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

1ST STAGE - PERFORATED POCO SEAMS #3, 4, 5, 6 & 6 RIDER FROM 1807 - 1947 WITH 20 PERFORATIONS. FRACTURED ON 10/22/97 BY DOWELL WITH 70Q LE FOAM; 29200# 12/20 SAND, 520,000 SCF N2, 484 TOTAL BBLs FLUID. BREAKDOWN PRESSURE 2339 PSI, MAX PRESSURE 3855 PSI, AVERAGE PRESSURE 3680 PSI, ISIP 1591 PSI, 1 MIN SIP 1593 PSI, 5 MIN SIP 1456 PSI. AVERAGE INJECTION RATE 54 BPM.. SET PLUG @ 1610'.

2ND STAGE - PERFORATED BECKLEY, FIRECREEK, L FIRECREEK, FROM 1435 - 1579.5 WITH 13 PERFORATIONS. FRACTURED ON 10/22/97 BY DOWELL WITH 70Q LE FOAM; 17100# 12/20 SAND, 555,000 SCF N2. BREAKDOWN PRESSURE 1906, MAX PRESSURE 4056 PSI, AVERAGE PRESSURE 3720 PSI, ISIP 1400, 1-MIN SIP 1406, 5-MIN SIP 1296.

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	1435	1435
BECKLEY	1435	1438	3
SAND, SHALE & THIN COALS	1438	1557	119
FIRECREEK	1557	1560	3
SAND, SHALE & THIN COALS	1560	1579	19
L FIRECREEK	1579	1580	1
SAND, SHALE & THIN COALS	1580	1807	227
POCO #6 RIDER	1807	1809	2
SAND, SHALE & THIN COALS	1809	1819	10
POCO #6	1819	1824	5
SAND, SHALE & THIN COALS	1824	1842	18
POCO #5	1842	1844	2
SAND, SHALE & THIN COALS	1844	1914	70
POCO #4	1914	1915	1
SAND, SHALE & THIN COALS	1915	1946	31
POCO #3	1946	1948	2
SAND, SHALE & THIN COALS	1948	2295	347
LOGGER'S TOTAL DEPTH		2295	
DRILLER'S TOTAL DEPTH		2334	

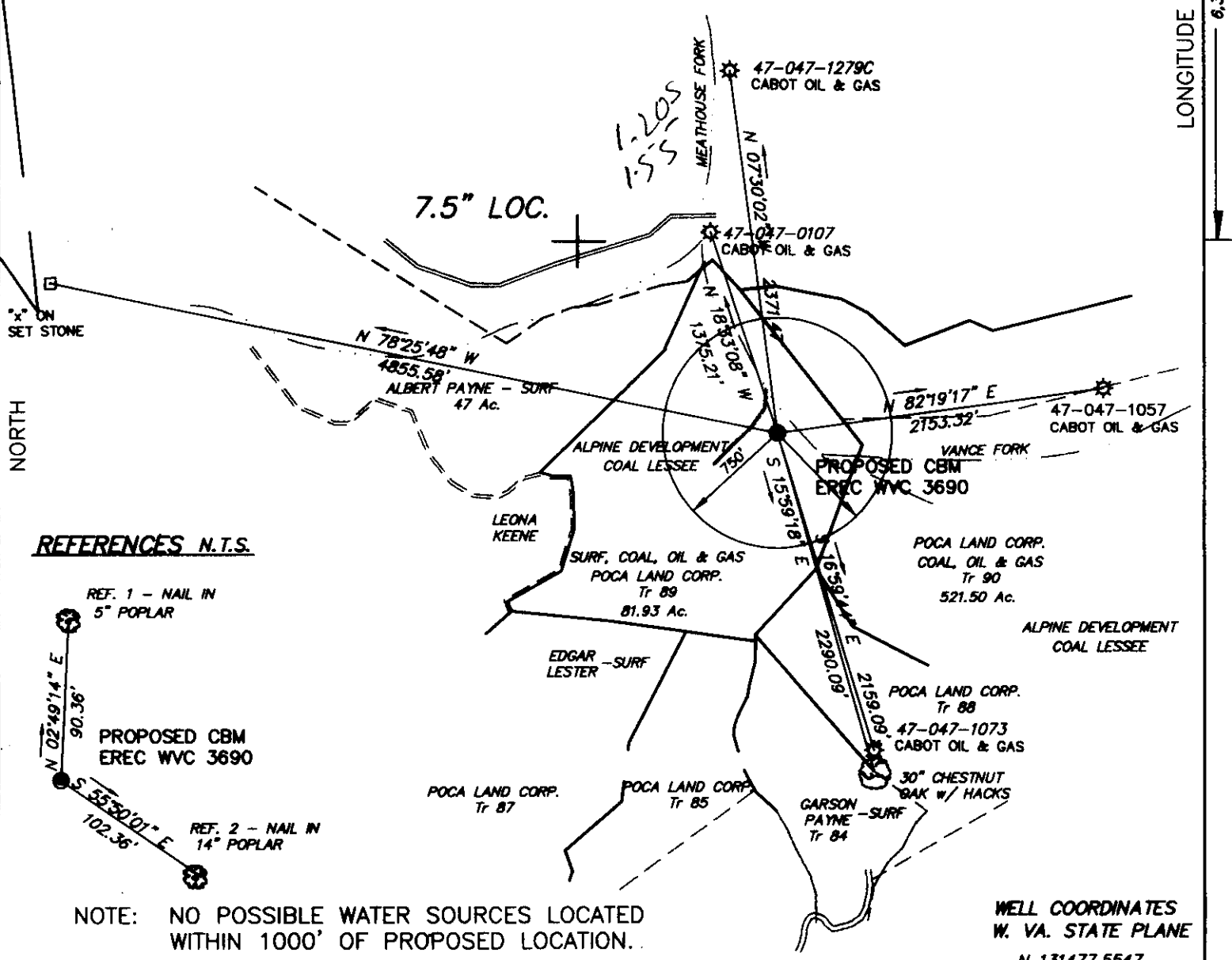


Jamie
7/12/97

LATITUDE 37° 22' 30"

LONGITUDE 81° 50' 00"

POCAHONTAS LAND CORP.
Tr 67
285.92 Ac.

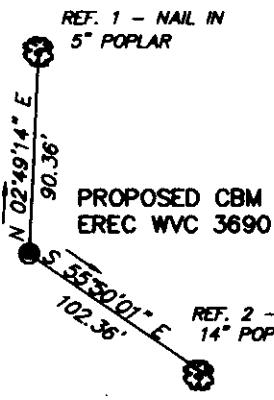


7.5" LOC.

1.205
1.55

NORTH

REFERENCES N.T.S.



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 131477.5547
E 1749528.5981

FILE No 9614-6
DRAWING No. EREC WVC 3690
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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES
(SIGNED) William J. Whitman
R.P.E. _____ R.P.S. 646

WILLIAM J. WHITMAN
REGISTERED
No. 646
STATE OF WEST VIRGINIA
PROFESSIONAL SURVEYOR
PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE MAY 19 19 97
OPERATOR'S WELL No. WVC 3690
API WELL No. 47 047-01307-C

WELL TYPE: OIL ___ GAS CBM LIQUID INJECTION ___ WASTE DISPOSAL ___ STATE COUNTY PERMIT
(IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1534.27 WATER SHED MEATHOUSE FORK OF PANTHER CREEK
DISTRICT SANDY RIVER COUNTY McDOWELL
QUADRANGLE BRADSHAW, W. VA. - VA.

SURFACE OWNER POCAHONTAS LAND CORP. ACREAGE 81.93
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 1655' JUL 3 1997
TARGET FORMATION PENNSYLVANIAN COALS
WELL OPERATOR EQUITABLE RESOURCES ENERGY CO. DESIGNATED AGENT DAVID DEAN
ADDRESS 1989 EAST STONE DR. KINGSFORT, TN 37660 ADDRESS P.O. DRAWER 40 BUCHANNON, WV 26201

FORM IV-6 (6-76)

383

WR-35

30-Jun-97
API # 47- 47-01307 C

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

ENVIRONMENTAL PROTECTION
OIL AND GAS

Well Operator's Report of Well Work

Farm name: POCAHONTAS LAND CORP. Operator Well No.: WVC-3690

LOCATION: Elevation: 1,534.27 Quadrangle: BRADSHAW

District: SANDY RIVER County: MCDOWELL
Latitude: 6300 Feet South of 37 Deg. 22Min. 30 Sec.
Longitude 8200 Feet West of 81 Deg. 50 Min. 0 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: 07/02/97
Well work Commenced: 10/11/97
Well work Completed: 10/14/97
Verbal Plugging
Permission granted on: _____
Rotary x Cable _____ Rig
Total Depth (feet) LTD=1650 DTD=1653
Fresh water depths (ft) 60', 1152'
Salt water depths (ft) _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
16	35	35	
11 3/4	136	136	59
8 5/8	320	320	130
4 1/2	1640	1640	464
2 3/8	1618	1618	

Is coal being mined in area (Y/N)? Y
Coal Depths (ft): 75-81'

OPEN FLOW DATA

Producing formation COAL SEAMS * Pay zone depth (ft) 864-1296.5
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 40 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 255 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.

- * BECKELY POCO #7
- FIRECREEK POCO #6 RIDER
- POCO #9 POCO #5
- POCO #4
- POCO #3
- POCO #2
- POCO #1

For: MICHAEL P JASKOSKI
EQUITABLE RESOURCES EXP, INC.

By: Michael P Jaskoski
Date: 4-28-98

McDOWELL 1307 C

API #: 47-047-01307 C
 OPERATOR WELL #: WVC3690
 FARM NAME: POCAHONTAS LAND CORP

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

1ST STAGE - PERFORATED POCO SEAMS #1,2,3,4,5, 6 RIDER & 7 FROM 1203.5 - 1296.5 WITH 22 PERFORATIONS. FRACTURED & REFRACURED ON 11/5/97 BY DOWELL WITH 70Q LE FOAM; 17200# 12/20 SAND, 495,000 SCF N2, 323 TOTAL BBLs FLUID. BREAKDOWN PRESSURE 2087 PSI, MAX PRESSURE 4083 PSI, AVERAGE PRESSURE 3730 PSI, ISIP 1593 PSI, 1 MIN SIP 1785 PSI, 5 MIN SIP 1565 PSI. AVERAGE INJECTION RATE 11.3 (36) BPM (DH). SET FRAC PLUG @ 1080'

2ND STAGE - PERFORATED FIRE CREEK, BECKLEY & POCO #9 FROM 864 - 1040.5 WITH 13 PERFORATIONS. FRACTURED ON 11/5/97 BY DOWELL WITH 70Q LE FOAM; 12700# 12/20 SAND, 395,000 SCF N2, 319 TOTAL BBLs FLUID. BREAKDOWN PRESSURE 1869, MAX PRESSURE 4032 PSI, AVERAGE PRESSURE 3640 PSI, ISIP 1655 PSI, 1 MIN SIP 1666 PSI, 5 MIN SIP 1460 PSI., AVERAGE INJECTION RATE 13.1 BPM. F.G. = 1.88.

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	864	864
BECKLEY	864	868	4
SAND, SHALE & THIN COALS	868	988	120
FIRE CREEK	988	990	2
SAND, SHALE & THIN COALS	990	1040	50
POCO #9	1040	1042	2
SAND, SHALE & THIN COALS	1042	1203	161
POCO #7	1203	1205	2
SAND, SHALE & THIN COALS	1205	1234	29
POCO #6 RIDER	1234	1236	2
SAND, SHALE & THIN COALS	1236	1295	59
POCO #5	1295	1297	2
SAND, SHALE & THIN COALS	1297	1363	66
POCO #4	1363	1365	2
SAND, SHALE & THIN COALS	1365	1402	37
POCO #3	1402	1404	2
SAND, SHALE & THIN COALS	1404	1440	36
POCO #2	1440	1442	2
SAND, SHALE & THIN COALS	1442	1489	47
POCO #1	1489	1491	2
SAND, SHALE & THIN COALS	1491	1650	159
LOGGER'S TOTAL DEPTH		1650	
DRILLER'S TOTAL DEPTH		1653	