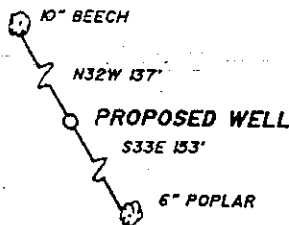


COORDINATES
268969.549
1834532.565
NAD 27 WV SOUTH

- A. N52°51'27"E 291.15'
- B. S50°10'06"E 1818.929'
- C. N58°43'38"W 1905.767'
- D. N61°54'46"E 935.497'
- E. N12°01'09"E 440.12'
- F. S72°00'20"E 1905.77'

POCAHONTAS LAND CORPORATION
ORDER BOOK 38/385

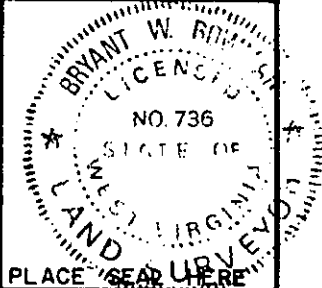
NO KNOWN WATER WELLS WITHIN 1000'



REFERENCES NO SCALE

FILE NO. _____
DRAWING NO. _____
SCALE 1"=500'
MINIMUM DEGREE OF ACCURACY 1/10000
PROVEN SOURCE OF ELEVATION COPPER PLUG IN ROCK NE OF LOCATION ELE. 2783.54

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) Bryant W. Row
R. P. E. _____ L. L. S. 736



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



DATE JULY 14, 1998
OPERATOR'S WELL NO. 39C
API WELL NO. 47-109 01755C
STATE COUNTY PERMIT

FORM IV-6 WEST VIRGINIA
(8-78) DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
#10 McJUNKIN ROAD
NITRO, WEST VIRGINIA 25143-2506

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS", PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___)
LOCATION: ELEVATION 1901 WATER SHED UT OF TONEY FORK
DISTRICT OCEANA COUNTY WYOMING
QUADRANGLE MATHENY, WV 7.5'

SURFACE OWNER POCAHONTAS LAND CORPORATION ACREAGE 34586±
OIL & GAS ROYALTY OWNER POCAHONTAS LAND CORPORATION LEASE ACREAGE 34586±
LEASE NO. _____

PROPOSED WORK: DRILL X 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 ___
TARGET FORMATION Savall, Beckley, Fire Creek, Poca 6A ESTIMATED DEPTH 1900
WELL OPERATOR PENN VIRGINIA OIL & GAS CORP DESIGNATED AGENT MR. HARRY JEWEL
ADDRESS 999 EXECUTIVE PARK BLVD, SUITE 300 ADDRESS PO BOX 460
KINGSPORT, TN 37660 RAVENCLIFF, WV 25913

LONGITUDE 81°32'30" 4640'

WYO 1755C

WR-35

13-Aug-98
API # 47-109-01755 C

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

Reviewed [Signature]

Well Operator's Report of Well Work

Farm name: POCAHONTAS LAND CORP Operator Well No.: 39C

LOCATION: Elevation: 1,901.00 Quadrangle: MATHENY

District: OCEANA County: WYOMING
Latitude: 4640 Feet South of 37 Deg. 45Min. 0 Sec.
Longitude 8750 Feet West of 81 Deg. 32 Min. 30 Sec.

Company: PENN VIRGINIA OIL AND GAS
999 EXEC. PARK BLVD., STE. 300
KINGSPORT, TN 37660-0000

Agent: HARRY JEWELL, III

Inspector: OFIE HELMICK
Permit Issued: 08/13/98
Well work Commenced: 10/01/98
Well work Completed: 11/17/98
Verbal Plugging
Permission granted on:
Rotary X Cable _____ Rig
Total Depth (feet) 1600'
Fresh water depths (ft) Damp at 200'
and 1300'
Salt water depths (ft) _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
9 5/8"	32'	32'	0
7"	467'	467'	89
4 1/2"	1575'	1575'	220
2 3/8"		1470'	

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 153-155, 180-181,
195-196, 306-307, 315-317, 466-469

OPEN FLOW DATA

Poca 6 Coal, L Fire Creek Coal and Sand,
and Beckley coal
Producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow Show MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure N.A. psig (surface pressure) after _____ 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.

MAY 23 1999

For: PENN VIRGINIA OIL AND GAS CORPORATION

By: William M. Payne
Date: 5/21/99

JUN 14 1999

WYO 1755 C

FORM WR-35R
(REVERSE)

PERMIT #: 47-109-01755C
WELL#: 39C

DETAILS OF PERFORATIONS, FRACTURING, OR PHYSICAL CHANGE, ETC

Stage 1 Poca 6 Coal Perforated from 1414' to 1417' with 9 holes and from 1420' to 1423' with 9 holes. Breakdown with 500 gallons of 7 1/2% HCL acid and water. Treated with 132 bbls of water.
ATR: 25 BPM ATP: 2500 psi ISIP: Screened out

Stage 2 Lower Fire Creek Coal and Fire Creek Sand Perforated the L. Fire Creek Coal from 1380' to 1384' with 5 holes and the Fire Creek Sand from 1358' to 1366' with 9 holes and 1372' to 1375' with 4 holes. Breakdown with 250 gallons of 7 1/2% HCL acid and water. Treated with 256 bbls of water and 2600 lbs 12/20 sand.
ATR: 25 BPM ATP: 2100 psi ISIP: Screened out

Stage 3 Lower Beckley Coal Perforated from 1296' to 1304' with 17 holes. Breakdown with 250 gallons of 7 1/2% HCL acid and water. Treated with 284 bbls of water and 4000 lbs of 12/20 sand.
ATR: 12 BPM ATP: 3500 psi ISIP: Screened out

Install pump jack and pump off water.

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Sand & Shale	0	132	
Shale & Coals	132	214	
Sand	214	250	
Shale	250	280	
Sand	280	314	
Shale & Coals	314	393	
Sand	393	462	
Shale	462	570	
Sand	570	644	
Sand & Shale	644	855	
Sand	855	1100	
Sand & Shale	1100	1168	
Sand	1168	1232	
Shale	1232	1298	
Coal L. Beckley (S49)	1298	1304	
Shale	1304	1333	
Sand	1333	1379	
Coal L. Fire Creek (S51)	1379	1382	
Sand	1382	1414	
Coal & Shale Poca 6	1414	1422	
Shale (S56)	1422	1486	
Sand	1486	1510	
Sand & Shale	1510	1603	No shows reported