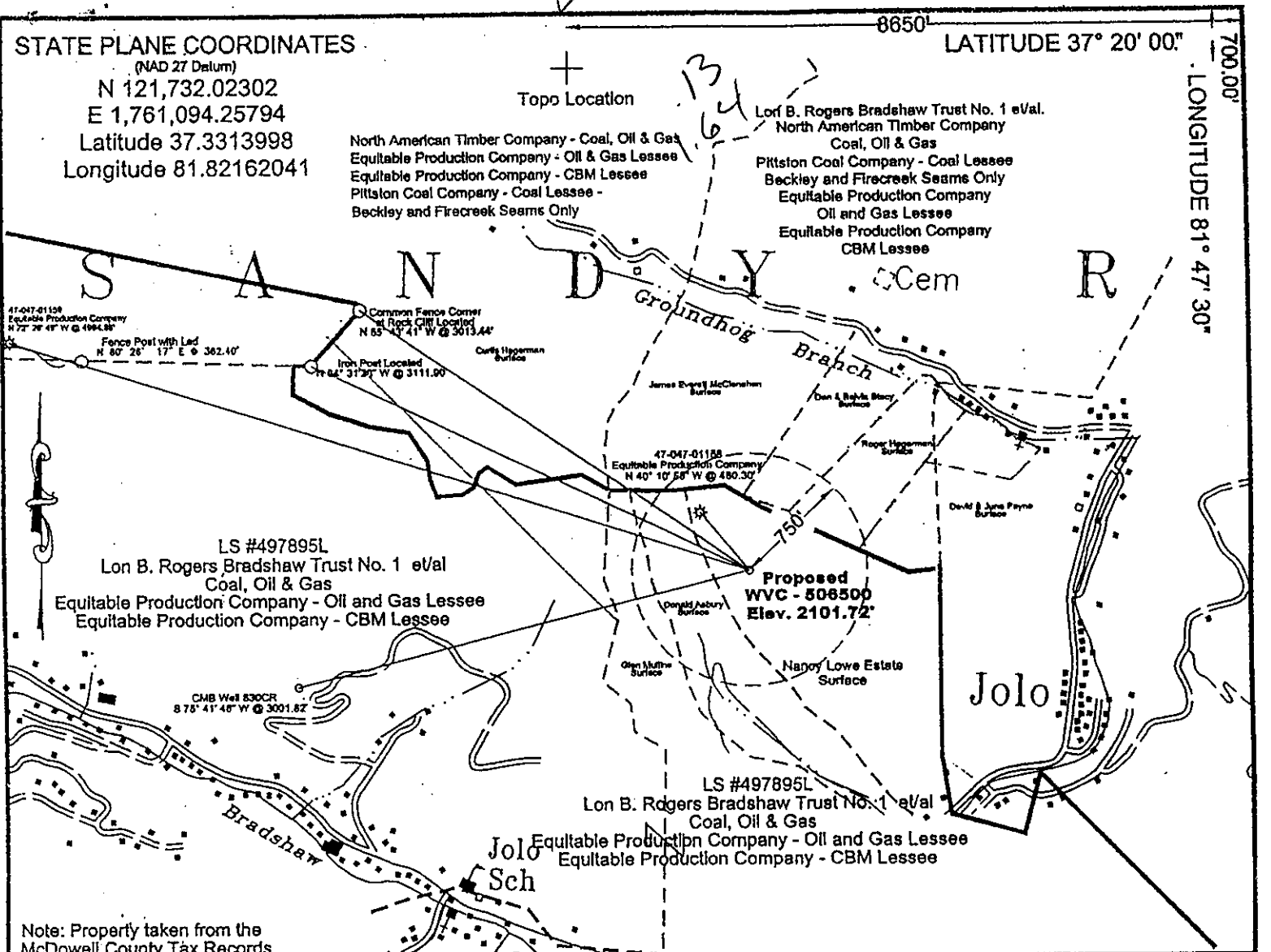


STATE PLANE COORDINATES

(NAD 27 Datum)
 N 121,732.02302
 E 1,761,094.25794
 Latitude 37.3313998
 Longitude 81.82162041

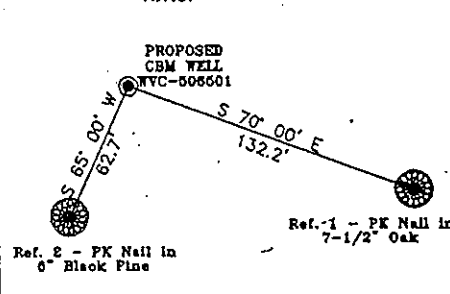
8650' LATITUDE 37° 20' 00"

700.00' LONGITUDE 81° 47' 30"

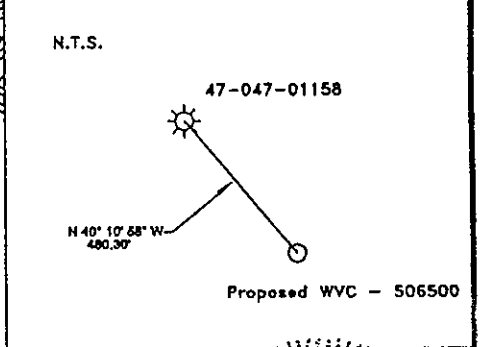


Note: Property taken from the McDowell County Tax Records

REFERENCES



LS #497895L
 Surface Owner - Nancy Lowe Estate
 Lon B. Rogers Bradshaw Trust No. 1 et al
 Coal, Oil & Gas
 Equitable Production Company - Oil and Gas Lessee
 Equitable Production Company - CBM Lessee
 Notes: (+) Denotes location of well on USGS map.



FILE No. 7-16-01-1KF
 DRAWING NAME \506500\Plot_WVC-506500
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:2500
 PROVEN SOURCE OF ELEVATION Global Positioning System (GPS)

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) [Signature]
 R.P.E. 3621 R.P.S. _____

N.T.S.

PLACE SEAL HERE

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



DATE AUGUST 18 2001
 OPERATOR'S WELL No. WVC-506500
 API WELL No. _____
47 - 047 - 1561C
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS CBM LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 2101.72 WATER SHED UNNAMED TRIBUTARY OF BRADSHAW CREEK OF DRY FORK
 DISTRICT SANDY RIVER COUNTY McDOWELL
 QUADRANGLE BRADSHAW, WV
 SURFACE OWNER NANCY LOWE ESTATE ACREAGE ± 34 TAX MAP 324 Parcel 93
 CBM ROYALTY OWNER LON B. ROGERS BRADSHAW TRUST NO.1 ET/AL LEASE ACREAGE 3836.13
 LEASE No. 497895L

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 PENNSYLVANIAN COALS ESTIMATED DEPTH _____
 WELL OPERATOR EQUITABLE PRODUCTION COMPANY DESIGNATED AGENT STEPHEN PERDUE
 ADDRESS 1710 PENNSYLVANIA AVENUE ADDRESS 1710 PENNSYLVANIA AVE.
CHARLESTON, WV 25328 CHARLESTON, WV 25328

SEP 14 2001

6-6 350

McDowell 1561C

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-047-01561 - P WELL NO.: WV 506500 (506500)

FARM NAME: Rogers

RESPONSIBLE PARTY NAME: Equitable Production Company, Inc.

COUNTY: McDowell DISTRICT: Sandy River

QUADRANGLE: Bradshaw 7.5'

SURFACE OWNER: Nancy M. Lowe Estate c/o James Steven Lowe

ROYALTY OWNER: Lon B Rogers Bradshaw Trust no. 1 c/o Fon Rogers Trustee

UTM GPS NORTHING: 4131965

UTM GPS EASTING: 427223 GPS ELEVATION: 640 m (2100 ft)

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS _____: Post Processed Differential _____
Real-Time Differential _____

Mapping Grade GPS X: Post Processed Differential X
Real-Time Differential _____

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

Ben R. Singleton
Signature

P.S.
Title

3-20-2009
Date

JUN 05 2009

McDow 1561 P

Best

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

Well Operator's Report of Well Work

Farm Name: Lowe, Nancy - Estate Operator Well No.: Rogers 506500

LOCATION: Elevation: 2101.72' Quadrangle: Bradshaw, WV

District: Sandy River County: McDowell

Latitude: 700 Feet South of 37 Deg. 20 0
Longitude: 8650 Feet West of 81 Deg. 47 30

Company: Equitable Production Company
P.O. Box 2347, 1710 Pennsylvania Avenue
Charleston, WV 25328

Agent: Stephen G. Perdue

Inspector: Ofie Helmick

Permit Issued: 9/13/01

Well work commenced: 09/25/01

Well work completed: 10/29/01

Verbal Plugging

Permission granted on:

Rotary Rig X Cable Rig _____

Total Depth 1940 feet

Fresh water depths (ft) _____

Salt water depths (ft) _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
12 3/4"	43'	43'	grouted
9 5/8"	536'	536'	177 ft ³
4 1/2"	1899'	1899'	399.9 ft ³

Is coal being mined in area?

Coal Depths (ft): 150'-151'; 240'-241'; 405'-407'; 470'-471'; 585'-587'; 620'-621'; 728'-729'; 970'-971'; 1250'-1252'
1285'-1287'; 1362'-1364'; 1523'-1525'

OPEN FLOW DATA

Producing formation Lower Coal Seams, Upper Coal Seams

Pay Zone Depth (ft): _____

See Attach for details

Gas: Initial open flow _____ MCF/d

Oil: Initial open flow _____ Bbl/d

Final open flow: 39 MCF/d

Final open flow: _____

Time of open flow between initial and final tests _____

Hours

Static rock pressure 16 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: _____

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.

Kathy L. Jawney
For: Equitable Production Company

By: *Paul A. Davis*
Date: 1/9/02

FEB 01 2002

FEB 01 2002

MCDOWELL 1561

EQUITABLE PRODUCTION COMPANY
WR-35 COMPLETION REPORT - Attachment
Well Treatment Summary

Well: WVC-506500-Rogers

API# 47-047-01561

Date	10/17/01	10/18/01			
Type Frac Acid, N ₂ , Foam, Water	70 Q Foam	70 Q Foam			
Zone Treated	Lower Coal Seams	Upper Coal Seams			
# Perfs From - To:	28 1244.5'-1813'	19 847'-1137.75'			
BD Pressure @ psi	1630	1180			
ATP psi	3638	3318			
Avg. Rate, B=B/M, S= SCF/M	38.5 B (foam)	37 B (foam)			
Max. Treat Press psi	3800	4110			
ISIP psi	1220	650			
Frac Gradient	1.23	1.08			
10 min S-I Pressure	1100 (5 min)	220 (5 min)			
Material Volume					
Sand-sks	246	147			
Water-bbl	835	519			
SCF N ₂	1,190,946	430,414			
Acid-gal	936 gal 15%	1020 gal 15%			
NOTES:					

TOP	BOTTOM	FORMATION	REMARKS
0	43'	Over Burdon	
43'	150'	Sandstone	
150'	151'	Coal	
151'	240'	Sandstone	
240'	241'	Coal	
241'	405'	Streaked Sandstone	
405'	407'	Coal	
407'	470'	Sandy Shale	
470'	471'	Coal	
471'	585'	Sandy Shale	
585'	587'	Coal	
587'	620'	Sandstone	
620'	621'	Coal	
621'	728'	Sandy Shale	
728'	729'	Coal	
846.5'	853'	Sewell A	
920.5'	922.75'	Sewell B	
937.5'	938.75'	Welch	
1012.5'	1014.5'	Little Raleigh	
1119'	1138.25'	Beckley	
1243.75'	1247'	Fire Creek	
1290.25'	1292'	Poca 9	
1336.5'	1338.25'	Poca 8	
1400.25'	1401'	Poca 7	
1476'	1477.5'	Poca 6R	
1518.5'	1523.5'	Poca 6	
1556.75'	1557.5'	Poca 5	
1581'	1583.5'	Poca 4	
1607.75'	1609'	Poca 4L	

1659.75'	1662.25	Poca 3
1706'	1710.25'	Poca 2
1812.5'	1813.25'	Squire Jim
	1940'	TD

CH...
JUN 14 2002

FEB 01 2002

Mc Dow 1561