

LATITUDE 37 - 52 - 30

LONGITUDE 81 - 22 - 30

RLC 48 Location:

NAD 27 WV South Coor.
N 314,556.35 E 1,883,157.9

scaled Coor.
8600' west
4300' south

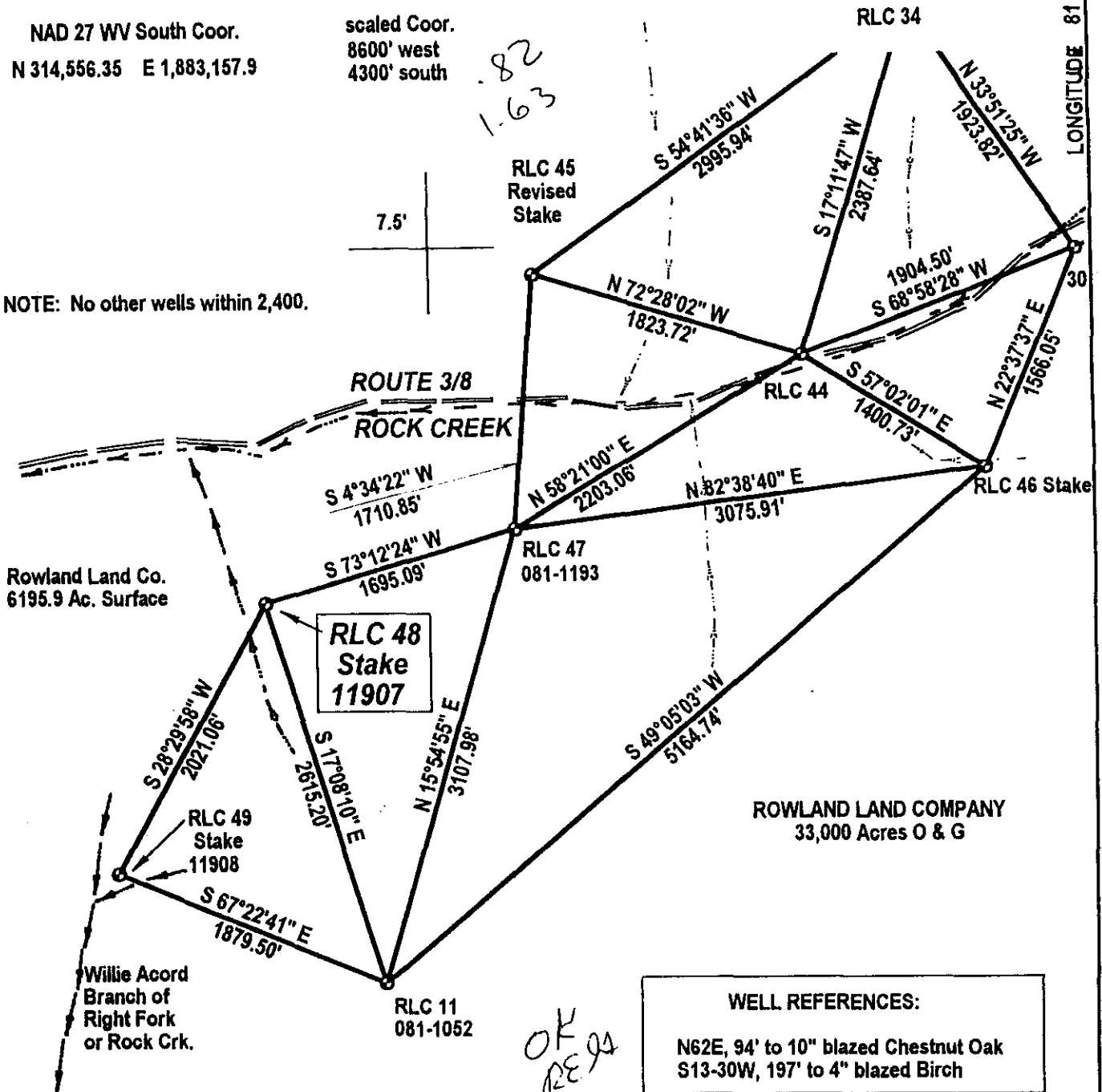
82
1.63

NOTE: No other wells within 2,400.

NORTH

Rowland Land Co.
6195.9 Ac. Surface

ROWLAND LAND COMPANY
33,000 Acres O & G



OK RE 99

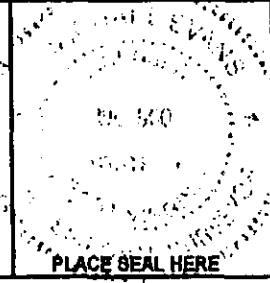
WELL REFERENCES:
 N62E, 94' to 10" blazed Chestnut Oak
 S13-30W, 197' to 4" blazed Birch

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

FILE NUMBER: _____
 DRAWING NUMBER: _____
 SCALE: 1" = 1,000'
 MINIMUM DEGREE OF ACCURACY: 1 in 2500
 PROVEN SOURCE OF ELEVATION: GPS Survey (sub-meter)

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) *J. Michael Evans*
 J. Michael Evans, PS 900



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WV 25143-2506
 FORM WW-6

LAND SURVEYING SERVICES
 21 CEDAR LANE, BRIDGEPORT, WV 26330
 PHONE: 304-842-2018 OR 842-5762

DATE: December 16, 2000
 OPERATORS WELL NO.: Rowland Land Co. 48
 API WELL NO. 11907

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW

LOCATION: ELEVATION 2064' WATERSHED Rock Creek
 DISTRICT Marsh Fork COUNTY Raleigh
 QUADRANGLE Arnett 7.5'

SURFACE OWNER Rowland Land Company
 OIL & GAS ROYALTY OWNER Rowland Land Company
 ACREAGE 6,195.9
 LEASE ACREAGE 33,000

PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___
 PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) _____

TARGET FORMATION Weir
 PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
 ESTIMATED DEPTH 3,500'

WELL OPERATOR Dominion Exploration and Production, Inc. DESIGNATED AGENT Rodney J. Biggs
 ADDRESS P. O. Box 1248, Jane Lew, WV 26378 ADDRESS P. O. Box 1248, Jane Lew, WV 26378

COUNTY NAME PERMIT

6-6 248 FEB 02 2001

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

Rev:

Act

Well Operator's Report of Well Work

Farm name: Rowland Land Co. Operator Well No.: Rowland Land #48 (11907)

LOCATION: Elevation: 2064' Quadrangle: Arnett 7.5'

District: Marsh Fork County: Raleigh
Latitude: 4300 Feet South of 37 Deg. 52 Min. 30 Sec.
Longitude 8600 Feet West of 81 Deg. 22 Min. 30 Sec.

Company: Dominion Exploration & Production, Inc.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>P O Box 1248</u>				
<u>Jane Lew, WV 26378</u>				
Agent: <u>Rodney J. Biggs</u>				
Inspector: <u>Rodney Dillon</u>				
Date Permit Issued: <u>02/01/01</u>				
Date Well Work Commenced: <u>6/04/2001</u>	<u>12 3/4"</u>	<u>21'</u>	<u>21'</u>	<u>Sand In</u>
Date Well Work Completed: <u>6/19/2001</u>				
Verbal Plugging: <u>N/A</u>	<u>7"</u>	<u>793'</u>	<u>793'</u>	<u>115 sks</u>
Date Permission granted on: <u>N/A</u>				
Rotary X Cable Rig	<u>4 1/2"</u>	<u>3306'</u>	<u>3306'</u>	<u>115 sks</u>
Total Depth (feet): <u>3368'</u>				
Fresh Water Depth (ft.): <u>N/A</u>				
Salt Water Depth (ft.): <u>N/A</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>90-91', 120-121', 640-641'</u>				

RECEIVED
Office of Oil & Gas
Permitting
AUG 22 2001
WV Department of
Environmental Protection

OPEN FLOW DATA

Producing formation Big Lime Pay zone depth (ft) 2802-2952'
Maxton Pay zone depth (ft) 2144-2168'
 Gas: Initial open flow 115 MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 1.5M MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 12 Hours
 Static rock Pressure 450 psig (surface pressure) after 12 Hours

Second producing formation Ravencliff Pay zone depth (ft) 1798-1816'
 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

* Comingled

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.

Signed: *Rowland*
 By: _____
 Date: 8/20/01

AUG 24 2001

RAL 1219

COMPANY/WELL NO.: ROWLAND #48 11907
06/19/01 RAN GR-CBL-CC. LTD AT 3294'. TOC AT 1200'

08/17/2001

FRACED AND KEY PERFERD:
BIG LIME 2802-2952 16 HOLES 2000 GALS ACID, 102 BBLs, 36 MCFN2
U.MAXTON 2144-2168 24 HOLES, 190 BBL, 109 MCFN2, 21,000# SAND
WELL SCREENED OUT ON 4 PPG. FLOWING WELL BACK
RESUMED FRAC

Formation Tops

Ravencliff	1782	1820
Avis Lime	1842	1874
Upper Maxton	2143	2170
Lower Maxton	2412	2503
Little Lime	2510	2600
Big Lime	2614	2958
Price	2958	3090
Upper Weir	3090	3148
Lower Weir	3200	3234
LTD.		3360