

NOTE: NO OTHER WELLS WITHIN 2400 FEET.

37 - 55 - 00
LATITUDE

2.025'

10,400'

LONGITUDE
81 - 22 - 18

Clear Fork Dist.

N 323,592 E 1,889,761
Rowland Land Co.
No. 36 Stake

Pond

Workman Creek

RLC No. 29 Revised
API 047-081-1155
(drilled)

Rowland Land Company
8962.16 Acres

Marsh Fork Dist.

Coal

River

API 047-081-1061
RLC No. 8 (drilled)

1.975
.38W

CRK.

ROCK

Mtn.

7.5'

API 047-081-996
(drilled)

RLC No. 36 Position

Lat. = 37 - 53 - 17.0
Long. = 81 - 22 - 55.2

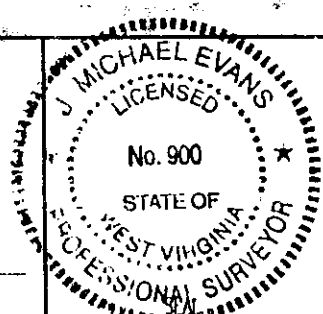
WELL REFERENCES:

N51E, 104.5' to a 10" Virginia Pine
S68W, 149' to a 5" Locust tree

(+) LENGTH'S LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE & DRAWING NO. _____
SCALE 1 = 2000'
MINIMUM DEGREE OF ACCURACY 1 in 2500
PROVEN SOURCE OF ELEVATION GPS Survey

FORM WV-6
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 DIVISION OF ENVIRONMENTAL PROTECTION.
(SIGNED) *J. Michael Evans*
PROFESSIONAL SURVEYOR # 900



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

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
110 McJUNKIN ROAD, NITRO, WV 25143-2506

DATE April 8, 1999
OPERATORS WELL NO. Rowland Land Company No. 36
API WELL NO.

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
LOCATION: ELEVATION 2300' WATERSHED Workman Creek
DISTRICT Clear Fork COUNTY Raleigh
QUADRANGLE Dorothy 7.5'

SURFACE OWNER Rowland Land Co. TRACT # 574 ACREAGE 8962.16 Acres
OIL & GAS ROYALTY OWNER Rowland Land Co. LEASE ACREAGE 33,000

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 ___

TARGET FORMATION Weir ESTIMATED DEPTH 4,800' 3600'
WELL OPERATOR Dominion Appalachian Development DESIGNATED AGENT John Haskins
ADDRESS P. O. Box 1248, Jane Lew, WV 26378 ADDRESS P. O. Box 1248, Jane Lew, WV 26378

JUL 06 1999

COUNTY NAME RAL
PERMIT 1168

6-6 218

RECEIVED
 WV Office of Oil & Gas
 Permitting
 MAR 14 2000
 WV Division of
 Environmental Protection

30-Jun-99
 API # 47- 81-01168

State of West Virginia
 Division of Environmental Protection
 Section of Oil and Gas
 Well Operator's Report of Well Work

Reviewed AS

Farm Name: ROWLAND LAND CO Operator Well No.: ROWLAND LAND 36

LOCATION: Elevation: 2,300.00 Quadrangle: DOROTHY
 District: CLEAR FORK County: RALEIGH
 Latitude: 10400 Feet South of 37 Deg. 55Min. 0 Sec.
 Longitude 2025 Feet West of 81 Deg. 22 Min. 30 Sec.

Company: DOMINION APPALACHIAN DEVE
 P. O. BOX 1248
 JANE LEW, WV 26378-0000

Agent: JOHN T. HASKINS

Inspector: RODNEY DILLON
 Permit Issued: 07/01/99
 Well work Commenced: 7/12/99
 Well work Completed: 7/26/99
 Verbal Plugging
 Permission granted on: _____
 Rotary Cable _____ Rig
 Total Depth (feet) 3640'
 Fresh water depths (ft) _____
 Salt water depths (ft) _____
 Is coal being mined in area (Y/N)? _____
 Coal Depths (ft): _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
12 3/4"	20'		
7"	592'	592'	90 sks
4 1/2"	3016.8'	3016.8'	165 sks

OPEN FLOW DATA

Producing formation Big Lime Pay zone depth (ft) 2824-2896'
 Gas: Initial open flow 1240 MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 3980 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 4 Hours
 Static rock Pressure 465 psig (surface pressure) after 8 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.

Larry J. Cavallo
 For: DOMINION APPALACHIAN DEVELOPMENT, INC.
 By: Larry J. Cavallo: Manager of Engineering
 Date: 3/10/00

RAL 1168

MAR 24 2000

1	STAGE(S)	Acidize	FRAC	DATE	7/26/99
ZONES	PERFS	HOLE	BBL	BP	ISIP
Big Lime	2824-2896'	10	48(N ₂ Assit)	1220	328

FORMATION	COLOR	HARD/SOFT	TOP	BOTTOM	REMARKS
VERBURDEN			0	5	
ANDSTONE			5	28	
ANDY SHALE			28	70	
OAL			70	74	
HALE			74	76	
OAL			76	78	
ANDSTONE			78	300	
OAL			300	302	
ANDY SHALE			302	515	
OAL			515	518	
ANDY SHALE			518	625	
ANDSTONE			625	1050	
ANDY SHALE			1050	1345	
ANDSTONE			1345	1710	
ANDY SHALE			1710	1850	
HALE			1850	1970	
AVENCLIFF			1970	2010	
ANDY SHALE			2010	2300	
PPER MAXTON			2300	2340	
ANDY SHALE			2340	2400	
IDDL MAXTON			2400	2435	
ANDY SHALE			2435	2445	
ANDSTONE			2445	2460	
ANDY SHALE			2460	2610	
IME			2610	3080	
IG INJUN			3080	3110	
ANDY SHALE			3110	3230	
PPER WEIR			3230	3270	
ANDY SHALE			3270	3300	
OWER WEIR			3300	3340	
ANDY SHALE			3340	3640	TD