

WELL REFERENCES:

N49-30E, 117.50' TO 8" R. MAPLE
S56-00E, 116.00' TO 12" R. MAPLE

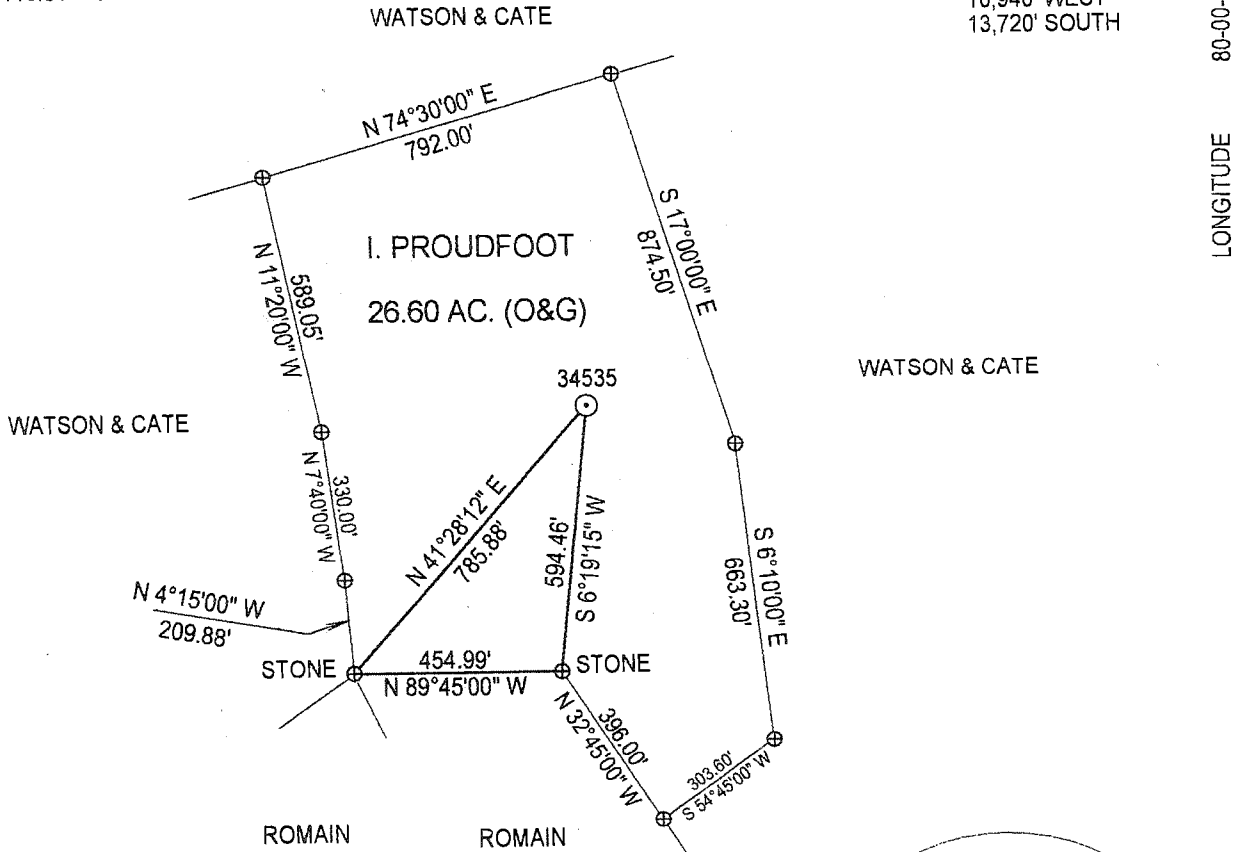
LATITUDE 39-15-00

SCALED COOR.:

10,940' WEST
13,720' SOUTH

LONGITUDE 80-00-00

NORTH



NAD 27:

39-12-44.42
80-02-19.02

NAD 27 WV NORTH SPC:

34535 = 259,905.89'
1,847,382.35'

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

<p>FILE NUMBER: _____ DRAWING NUMBER: <u>DEP34535.PCS</u> SCALE: <u>1" = 400'</u> MINIMUM DEGREE OF ACCURACY: <u>SUBMETER</u> PROVEN SOURCE OF ELEVATION: <u>DGPS SURVEY</u> <u>SUBMETER SYSTEM</u></p>	<p>I THE UNDERSIGNED, HEREBY STATE 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.</p> <p>(SIGNED) _____ STEPHEN D. LOSH, P.S. #674</p>	<p>PLACE SEAL HERE</p>
<p>STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS #10 McJUNKIN ROAD NITRO, WV 25143-2506</p> <p>FORM WW-6</p> <p>WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION <u>X</u> WASTE DISPOSAL ___ CBM ___ (IF "GAS") PRODUCTION ___ STORAGE <u>X</u> DEEP ___ SHALLOW <u>X</u></p> <p>LOCATION: ELEVATION <u>1440.97'</u> WATERSHED <u>TAYLOR DRAIN</u> DISTRICT <u>PLEASANT</u> COUNTY <u>BARBOUR</u> QUADRANGLE <u>PHILIPPI</u> LEASE NUMBER <u>DV014572</u></p> <p>SURFACE OWNER <u>MARY LOU WATSON & RONALD EARL CATE</u> ACREAGE <u>26.60 (15-32)</u> OIL & GAS ROYALTY OWNER <u>I. PROUDFOOT</u> LEASE ACREAGE <u>26.60</u></p> <p>PROPOSED WORK: DRILL <u>X</u> CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) _____</p> <p>TARGET FORMATION <u>LS-1</u> PLUG & ABANDON ___ CLEAN OUT & REPLUG ___ ESTIMATED DEPTH <u>4510</u></p> <p>WELL OPERATOR <u>DOMINION EXPLORATION & PRODUCTION, INC.</u> DESIGNATED AGENT <u>RODNEY BIGGS</u> ADDRESS <u>P. O. BOX 1248 JANE LEW, WV. 26378</u> ADDRESS <u>P. O. BOX 1248 JANE LEW, WV 26378</u></p>	<p>LAND SURVEYING SERVICES 21 CEDAR LANE, BRIDGEPORT, WV 26330 PHONE: 304-842-2018 OR 842-5762</p> <p>DATE: <u>APRIL 06, 2009</u> OPERATORS WELL NO.: <u>34535</u> API WELL NO. <u>47-001-03049</u> STATE COUNTY PERMIT</p>	<p>COUNTY NAME PERMIT</p>

(Taylor Drain - 316) 6-6 JUN 12 2009

REC'D
Office of Oil & Gas
NOV 19 2009
WV Department of
Environmental Protection

DATE:
API No: **47-001-03049**
Lease No: DV014572

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

Family Name: WATSON, MARY LOU Operator Well No. 34535

LOCATION: Elevation: 1440.97' Quadrangle: Philippi

District: Pleasant County: Barbour
Latitude: 13,720 Feet South of: 39 Deg. 15 Min. 00 Sec.
Longitude: 10,940 Feet West of: 80 Deg. 00 Min. 00 Sec.

Company: Dominion Exploration & Production, Inc.

	Casing and Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P.O. Box 1248 Jane Lew, WV 26378				
Agent: Rodney J. Biggs				
Inspector: Bryan Harris				
Date Permit Issued: 6/11/2009				
Date Well Work Commenced: 8/17/2009	13 3/8"	30'	30'	Sand In
Date Well Work Completed: 8/27/2009				
Verbal Plugging:	9 5/8"	600'	600'	170 sks
Date Permission granted on:				
Rotary X Cable Rig	7"	1234'	1234'	190 sks
Total Depth (feet): 5,168'				
Fresh Water Depth (ft.): 125'	4 1/2"	5085'	5085'	330 sks
Salt Water Depth (ft.): 1679'				
Is coal being mined in area (N/Y)?: No				
Coal Depths (ft.): 175'-185', 245'-255'				
Oil Depths (ft.): N/A				

OPEN FLOW DATA

DEC 30 2009
WV Department of
Environmental Protection

SPEECHLEY		2920'-2930'
RILEY		3900'-3910'
BENSON		4298'-4308'
Producing formation <u>3RD ELK</u>		Pay zone depth (ft) <u>4957'-4969'</u>
Gas: Initial open flow _____ odor _____ MCF/d	Oil: Initial open flow _____ 0 _____ Bbl/d	
Final open flow _____ 712 _____ MCF/d	Final open flow _____ 0 _____ Bbl/d	
Time of open flow between initial and final tests _____	12 _____ Hours	
Static rock Pressure _____ 750 _____ psig (surface pressure) after _____	12 _____ 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.

Signed: _____
By: Rodney J. Biggs
Date: 11/17/09

DEC 18 2009

8/27/2009 HALLIBURTON PERFED 70Q FOAM FRAC USING 15# LINEAR GEL SYSTEM.
 SUPERIOR RAN BOND LOG AND PERFED. EC WILL FLOW WELL BACK
 OVER NIGHT. TD - 5085'. TOC - 1450'.
 3RD ELK, 4957'-4969', 32 HOLES, BD 2711#, AVG RATE 18 BPM, AVG PRESS 3653#,
 218 BBLs, TOT SAND 40,000#, 70% N2, 645 MSCFN2, ISIP 3512#, FG 0.90 PSI/FT
 BENSON, 4298'-4308', 31 HOLES, BD 3734#, AVG RATE 23 BPM, AVG PRESS 3674#,
 239 BBLs, TOT SAND 50,000#, 70% N2, 683 MSCFN2, ISIP 3280#, FG 0.94 PSI/FT
 RILEY, 3900'-3910', 31 HOLES, BD 3389#, AVG RATE 24 HOLES, AVG PRESS 3394#,
 154 BBLs, TOT SAND 30,000#, 70% N2, 428 MSCFN2, ISIP 2850#, FG 0.91 PSI/FT
 SPEECHLEY, 2920'-2930', 31 HOLES, BD 3200#, AVG RATE 25 BPM, AVG PRESS 3191#,
 162 BBLs, TOT SAND 35,000#, 70% N2, 391 MSCFN2, ISIP 2570#, FG 1.07 PSI/FT
 CURRENTLY 2" CHOKE. 3 OF 3 BALLS BACK. ATTEMPT KNOCK OUT BAFFLES
 TODAY AND CLEAN UP.

Fill	0	15
Sand	15	30
Sand/Shale	30	175
Coal	175	185
Sand/Shale	185	245
Coal	245	255
Shale	255	315
RedRock	315	360
Shale	360	414
Upper Kittaning	414	419
Interval	419	446
Lower Kittaning	446	448
Interval	448	508
Clarion	508	511
Coal	530	535
Sand&Shale	535	908
RedRock	908	1028
Sand&Shale	1028	

GAMMA			
RAY /			
FORMATION			
DEPI #34535	TOPS		47-001-03049
	TOP	BASE	
BIG LIME	1260	1308	
BIG INJUN SAND	1310	1453	
GANTZ	1625	1645	
FIFTY FOOT	1674	1746	
FOURTH SAND	2122	2195	
FIFTH SAND	2220	2280	
BAYARD	2342	2384	
ELIZABETH	2587	2632	
SPEECHLEY	2918	2936	
BRADFORD	3400	3548	
RILEY	3810	3920	
BENSON	4296	4352	
FIRST ELK	4524	4580	
SECOND ELK	4675	4750	
THIRD ELK	4952	4974	
LTD		5122	