

NOTES: LATITUDE, LONGITUDE, WELL AND CORNER TIES FROM DGPS SUBMETER SURVEY. SURFACE, ADJOINER AND BOUNDARY INFORMATION TAKEN FROM COURT HOUSE.

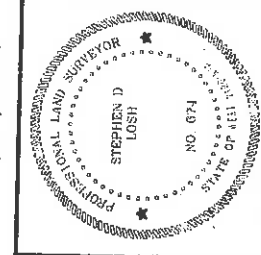
LATITUDE 39-17-30
LONGITUDE 80-35-00
SCALED COOR.:
5,920' WEST
10,480' SOUTH

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

FILE NUMBER:
DRAWING NUMBER: DADI10139.PCS
SCALE: 1" = 500'
MINIMUM DEGREE OF ACCURACY: SUBMETER
PROVEN SOURCE OF ELEVATION: DGPS SURVEY SUBMETER SYSTEM

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.

(SIGNED) *[Signature]*
STEPHEN D. LOSH, P.S. #874



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

LAND SURVEYING SERVICES
21 CEDAR LANE, BRIDGEPORT, WV 26330
PHONE: 304-842-2018 OR 842-5782

PLACE SEAL HERE
DATE: SEPTEMBER 23, 2009
OPERATORS WELL NO.: DADI 10139
API WELL NO.:

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

LOCATION: ELEVATION 957.34' WATERSHED BUFFALO CALF FORK
DISTRICT GREENBRIER COUNTY DODDRIDGE
QUADRANGLE SALEM LEASE NUMBER _____
SURFACE OWNER HAYMOND R. PLAUGER ACREAGE 328.92 (04-06)
OIL & GAS ROYALTY OWNER C. E. PLAUGER LEASE ACREAGE 330.00

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

TARGET FORMATION Gordon PLUG & ABANDON CLEAN OUT & REPLUG
WELL OPERATOR DOMINION EXPLORATION & PRODUCTION, INC. ESTIMATED DEPTH _____
ADDRESS P. O. BOX 1248 JANE LEW, WV 26378 DESIGNATED AGENT RODNEY BIGGS
(Salem 102) 6-6 P. O. BOX 1248 JANE LEW, WV 26378

OCT 23 2009

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

Farm Name: **PLAUGHER, C. E.** Operator Well No. **10139 (Plaugher #2)**
Rework (2009)

LOCATION: Elevation: **957.34'** Quadrangle: **Salem**

District: **Greenbrier** County: **Doddridge**

Latitude: **10,480** Feet South of: **39** Deg. **17** Min. **30** Sec.
Longitude: **5,920** Feet West of: **80** Deg. **35** Min. **00** Sec.

Company: **Dominion Appalachian Development, Inc.**

Address:	P.O. Box 1248	Casing and Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
	Jane Lew, WV 26378				
Agent:	Rodney J. Biggs				
Inspector:	Dave Scranage				
Date Permit Issued:	10/21/2009				
Date Well Work Commenced:	11/13/2009				
Date Well Work Completed:	12/16/2009				
Verbal Plugging:					
Date Permission granted on:		See existing	Previous Casing prog		WR-35 for
Rotary Cable	X RIG				
Total Depth (feet):					
Fresh Water Depth (ft.):	N/A				
Salt Water Depth (ft.):	N/A				
Is coal being mined in area (N/Y)?:	No				
Coal Depths (ft.):	N/A				
Oil Depths (ft.):	N/A				
				MAR 15 2010	

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Office of Oil & Gas

OPEN FLOW DATA

**WV Department of
Environmental Protection**

Producing formation **GORDON** ^{30'} Pay zone depth (ft) **2778'-2822'**
Gas: Initial open flow **14** MCF/d Oil: Initial open flow **0** Bbl/d
Final open flow **39** MCF/d Final open flow **0** Bbl/d
Time of open flow between initial and final tests **12** Hours
Static Rock Pressure **250** 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

*** COMMINGLED WITH PREVIOUS FORMATIONS**

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** *[Signature]*
Date: **3/4/10** *[Signature]*

SUPERIOR FRACED TWO STAGES AS FOLLOWS:

GORDON, 2778'-2822', 28 HOLES, BD 2100#, AVG RATE 10 BPM, AVG PRESS 3328#.

182 BBLs, TOT SAND 5,500#, ISIP 2080#

30', 2698'-2712', 30 HOLES, BD 2700#, AVG RATE 10 BPM, AVG PRESS 3246#.

337 BBLs, TOT SAND 14,600#, ISIP 2270#

05/07/2010

Plot Card

5950' 3920'
LATITUDE 39°17'30"
80°35'00" LONGITUDE

N.M. WELCH
56.33AC.
PAR.09

REFERENCE TIE LINES
PROPOSED WELL TO 2" W.O. S 40°54'E (MAG.) 163.31'
PROPOSED WELL TO 36" MAP N 77°03'E (MAG.) 163.04'

J.P. GOLDEN
58 AC.
PAR.04

PROPOSED WELL
PLAUGER NO.3

PROPOSED WELL
PLAUGER NO.4

F. ZINN
40.59AC.
PAR.02

PROPOSED WELL
C.E. PLAUGER, NO.2
EL. 977.14

(42)

PROPOSED WELL
PLAUGER NO.1

C.E. PLAUGER
30 AC.
PAR.12

J.R. STOUT
211 AC.
PAR.15

A.M. GUM JR.
336 AC.
PAR.16

W. NEWLON
84 AC.
PAR.07

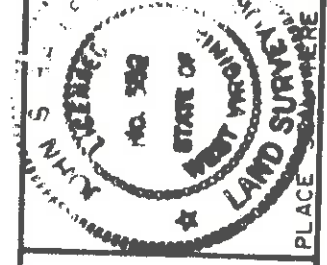


2.005
1.14W

FILE NO. MSES 84-389
DRAWING NO. _____
SCALE 1" = 1000'
MINIMUM DEGREE OF
ACCURACY 1 IN 200
PROVEN SOURCE OF
ELEVATION EL. 911 RD. JCT. 5550'
SOUTHWEST OF LOCATION

(+) DENOTES LOCATION OF
WELL ON UNITED STATES
TOPOGRAPHIC MAPS
FORM IV-6
(8-78)

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) John S. Bailey
R. P. E. L. L. S. 652



DATE MAY 15, 19 84
OPERATOR'S WELL NO. PLAUGER NO.2
API WELL NO. 47-017-3339
STATE WV COUNTY CLARKSBURG PERMIT

Department of Mines
Oil & Gas Division

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS", PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 977.14 WATER SHED BUFFALO CALF FORK
DISTRICT GREENBRIER COUNTY DODDRIDGE
QUADRANGLE SALEM 75' (1976) 516 CENTER POINT 022 SC 8

SURFACE OWNER C.E. PLAUGER
OIL & GAS ROYALTY OWNER C.E. PLAUGER ACREAGE 310.8
LEASE NO. _____ LEASE ACREAGE 330

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 RE-PLUG _____
TARGET FORMATION BENSON / CEDAR CREEK ESTIMATED DEPTH 5400
WELL OPERATOR CHESTERFIELD ENERGY CORP. (62) DESIGNATED AGENT STANLEY N. PICKENS
ADDRESS 319-320 PROFESSIONAL BLDG. ADDRESS CLARKSBURG, WV 26301

PREPARED BY MSES CONSULTANTS: 6-6 Salem (102) CLARKSBURG, W.V.



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 State of West Virginia
 Department of Mines
 Oil and Gas Division

JUN 28 1984

OIL & GAS DIVISION

DEPT. OF MINES OPERATOR'S REPORT

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

Date June 27, 1984
 Operator's Well No. Plauger #2 Well
 Farm API No. 47 - 017 - 3539

WELL TYPE: Oil / Gas XX / Liquid Injection / Waste Disposal
 (If "Gas," Production XX / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 977.14' Watershed Buffalo Calf Fork
 District: Greenbrier County Doddridge Quadrangle Salem 7.5'

COMPANY Chesterfield Energy Corporation
 ADDRESS 30 Professional Building, Clarksburg, WV 26301
 DESIGNATED AGENT Stanley N. Pickers, President
 ADDRESS 30 Professional Building, Clarksburg, WV 26301
 SURFACE OWNER C. E. Plauger, et al
 ADDRESS Route #2, Box 245, Salem, WV 26426
 MINERAL RIGHTS OWNER C. E. Plauger, et al
 ADDRESS Route #2, Box 245, Salem, WV 26426
 OIL AND GAS INSPECTOR FOR THIS WORK Harold Underwood
 ADDRESS Rt. #2, Box 114, Salem, WV 26426
 PERMIT ISSUED May 30, 1984
 DRILLING COMMENCED June 6, 1984
 DRILLING COMPLETED June 15, 1984

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16			
Cond. 11 3/4			
9 5/8	40.60'	40.60'	
8 5/8	1395.15'	1395.15'	330 sks
7			
5 1/2			
4 1/2		5441'	200 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Alexander & Benson Depth feet

Depth of completed well 5555' feet Rotary X / Cable Tools
 Water strata depth: Fresh 18', 29', 73' feet; Salt 78', 150', 162'

Coal seam depths: No Coal Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Alexander

429

Gas: Initial open flow 169 Mcf/d Oil: Initial open flow Bbl/d
 Final open flow 600 Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1700 psig (surface measurement) after 12 hours shut in

(If applicable due to multiple completion--)

Second producing formation Benson

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
 Final open flow Mcf/d Oil: Final open flow Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

JUL 16 1984

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Alexander 60,000# 20/40
840 BBLs Sand Laden Fluid
Benson 45,000# 20/40
632 BBLs Sand Laden Fluid

Hydraulic Fracturing used for both formations.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Sand & Gravel			0	16	1" stream water @ 18'
Red Rock			16	117	1" stream water @ 29'
Sand			117	345	1 1/2" stream water @ 75'
Sand & Red Rock			345	568	1" stream water @ 780'
Shale			568	1006	Hole Damp @ 1560
Shale			1006	1223	1 1/2" stream water @ 1625'
Sand & Shale			1223	1987	
Little Lime			1987	2027	Gas OK @ 2002' N/S
Big Lime			2027	2120	Gas OK @ 2191' N/S
Big Injun			2120	2180	Gas OK @ 2693' N/S
Sand & Shale			2180	2698	Gas OK @ 2846' 4/10-2" OF
Gordon			2698	2712	Gas OK @ 3003' 4/10-2" OF
Gordon			2712	2772	Gas OK @ 3515' 4/10-2" W/W
Shale			2772	2920	Gas OK @ 3815' 4/10-2" W/W
Gordon			2920	3290	Gas OK @ 4003' 4/10-2" W/W
Sand & Shale			3290	4512	Gas OK @ 4407' 4/10-2" W/W
Bradford			4512	4538	Gas OK @ 4561' 4/10-2" W/W
Shale			4538	4994	Gas OK @ 4932' 4/10-2" W/W
Benson			4994	4998	Gas OK @ 5057' 6/10-2" W/W
Shale			4998	5340	Gas OK @ 5306' 6/10-2" W/W
Alexander			5340	5364	Gas OK @ 5400' 6/10-2" W/W
Shale			5364	5470	Gas OK @ 5555' 16/10-2" W/W
TD			5470		

(Attach separate sheets as necessary)

Chesterfield Energy Corporation
Well Operator
By: Stanley N. Pickens
Date: June 27, 1984

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic
detailed geological record of all formations, including
... encountered in the drilling of a well."



1) Date: May 15, 19 84
 2) Operator's Well No. Plauquer No. 2
 3) API Well No. 47 - 017 - 3339
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

4) WELL TYPE: A Oil Gas
 B (If "Gas", Production
 5) LOCATION: Elevation: 977.14 Undergrnd storage Deep Shallow
 District: Greenbrier Watershed: Buffalo Calf Fork
 6) WELL OPERATOR: Chesterfield Energy Corp. County: Doddridge
 Address: 319-320 Professional Bldg. 7) DESIGNATED AGENT: Stanley N. Pickens
 Clarksburg, WV 26301 Address: 319-320 Professional Bldg.
 8) OIL & GAS INSPECTOR TO BE NOTIFIED: Clarksburg, WV 26301
 Name: Harold Mike Underwood
 Address: Route 2, Box 114
 Salem, WV 26426
 9) DRILLING CONTRACTOR:
 Name: Unknown
 Address:

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 MAY 21 1984

10) PROPOSED WELL WORK: Drill deeper Plug off old formation Perforate new formation Redrill Stimulate
 Other physical change in well (specify) Benson - Cedar Creek
 12) GEOLOGICAL TARGET FORMATION: 5400
 13) Estimated depth of completed well, 50,300,690 feet
 14) Approximate trata depths: Fresh, None salt, Is coal being mined in the area? Yes No
 15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	For drilling	Left in well		
Conductor	11-3/4	H-40	42	16	16		
Fresh water							
Coal							
Intermediate	8-5/8	J-55	23	1400	1400		
Production	4-1/2	J-55	10.5		5400		
Tubing							
Liners							

Kinda: Circulate
 Sizes: 10 Sur face
 Depths set
 Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-017-3339

May 30, 19 84
 Date

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the permit requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires May 30, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agents: [Signature]	Plat: [Signature]	Casing Fee
			3755

[Signature]
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

See the reverse side of the APPLICANT'S COPY for instructions to the well operator. File

