

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: BERRY, ROBERT G. Operator Well No.: R. BERRY #3

LOCATION: Elevation: 1150.00 Quadrangle: BURNSVILLE

District: SALT LICK County: BRAXTON
Latitude: 5250 Feet South of 38 Deg. 47Min. 30 Sec.
Longitude 6000 Feet West of 80 Deg. 37 Min. 30 Sec.

Company: EDISTO RESOURCES CORPORAT
68A ANDERSON DR-FOSTER PLAZA
PITTSBURGH, PA 15220-0000

Agent: DAVID R. CASH

Inspector: CRAIG DUCKWORTH
Permit Issued: 06/20/90
Well work Commenced: 7/24/90
Well work Completed: 8/3/90
Verbal Plugging
Permission granted on: _____
Rotary x Cable _____ Rig
Total Depth (feet) 2354
Fresh water depths (ft) NONE

Salt water depths (ft) 1717'

Is coal being mined in area (Y/N)? N
Coal Depths (ft): _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
13-3/8	30'	30	Conductor
8-5/8"	788	788	C.T.S.
4-1/2	2288	2288	75 sx

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth (ft) 2053
Gas: Initial open flow TSTM MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 290 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 7 DAYS Hours
Static rock Pressure 600 psig (surface pressure) after 60 Hours

Second producing formation NONE 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.

For: EDISTO RESOURCES CORPORATION

By: R. T. Goller Robert T. Goller VICE PRESIDENT
Date: 08-03-90 11 1091

● DETAILS OF PERFORATED INTERVALS, FRACTURING, PHYSICAL CHANGES

Perforated 2053-2060' KB with 13 slots. Spotted 500 gallons 15% HCL & 500 gallons MeOH. ^{30"}
 Broke formation at 1225 psi. Pumped 435 bbls of gelled water with 2% KCL throughout
 and 250 scf/bbl N₂. Placed 300 sx of 20/40 sand. Flowed back on 1/2" choke.
 ISIP= 825 psi AIR= 15 BPM AIP= 1280 psi HHP= 475

WELL LOG

FORMATION	COLOR	HARD/SOFT	TOP FEET	BOTTOM FEET	REMARKS
Rock and Shale			0	125	
Shale			125	131	
Sand			131	143	
Sand and Shale			143	160	
Sand			160	164	
Shale			164	169	
Sand			169	170	
Red Rock			170	189	
Sand			189	202	
Sand and Shale			202	223	
Red Rock			223	237	
Shale			237	305	
Sand and Shale			305	316	
Sand			316	323	
Shale			323	376	
Sand			376	384	
Shale			384	429	
Sand			429	458	
Shale			458	608	
Coal			608	615	
Sand and Shale			615	961	
Coal			961	963	
Sand and Shale			963	1018	
Sand			1018	1043	
Sand and Shale			1043	1100	
Sand			1100	1105	
Sand and Shale			1105	1207	
Sand and Shale			1207	1223	
Sand and Shale			1223	1251	
Sand and Shale			1251	1274	
Shale			1274	1314	
Sand and Shale			1314	1320	
Sand and Shale			1320	1343	
Sand and Shale			1343	1347	
Sand and Shale			1347	1363	
Sand and Shale			1363	1381	
Shale			1381	1466	Water
Sand and Shale			1466	1470	
Shale			1470	1531	
Sand & Shale			1531	1536	
Shale			1536	1581	
Sand and Shale			1581	1635	
Maxton Sand			1635	1723	1717' Saltwater 1/2" Stream
Shale			1723	1737	
Sand			1737	1758	
Shale			1758	1759	
Little Lime			1759	1816	
Pencil Cave			1816	1843	
Blue Monday			1843	1852	
Big Lime			1852	2050	
Big Injun			2050	2070	
Shale			2070	2354 TD	

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Form WW2-A
(09/87)
File Copy

JUN 04 90
Permitting
Oil and Gas Section

1) Date: May 24, 1990
2) Operator's well number
R. Berry #3
3) API Well No: 47 - 007 - 2043
State - County - Permit

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

4) Surface Owner(s) to be served:
(a) Name Robert G. Berry
Address Route 35, Box 28
Heaters, WV 26627
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Craig Duckworth
Address Box 107 Davidson Route
Gassaway, WV 26624
Telephone (304)-364-5942

5) (a) Coal Operator:
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name William T. Bright
Address P. O. Box 1000
Summersville, WV 26651
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
X Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)
I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 7 on the above named parties, by:
_____ Personal Service (Affidavit attached)
X Certified Mail (Postmarked postal receipt attached)
_____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.
I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Edisto Resources Corporation
By: Robert T. Golier *Robert T. Golier*
Its: Vice President & Eastern Region Manager
Address 681 Andersen Dr., Foster Plaza VI
Pittsburgh, PA 15220
Telephone 412/921-3700

Subscribed and sworn before me this 31st day of May, 1990
Jessie A. Busha
My commission expires November 19, 1992 Notary Public

007-2043
Issued 6/20/90

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

Expires 6/20/92

- 1) Well Operator: Edisto Resources Corporation 15255 (4) 272
- 2) Operator's Well Number: R. Berry #3 3) Elevation: 1150'
- 4) Well type: (a) Oil / or Gas X /
(b) If Gas: Production X / Underground Storage /
Deep / Shallow /
- 5) Proposed Target Formation(s): Greenbriar Big Injun
- 6) Proposed Total Depth: 2155' feet 184', 446'
- 7) Approximate fresh water strata depths: none expected
- 8) Approximate salt water depths: 1260' 1646'
- 9) Approximate coal seam depths: 413', 483' 736'
- 10) Does land contain coal seams tributary to active mine? Yes 446'-448', 483'-488', 736'-746' No X
- 11) Proposed Well Work: Drill and Stimulate new well.
- 12)

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JUN 04 90
Permitting
Oil and Gas Section

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	13-3/8"		48	30'		
Fresh Water						38 CSP 18 11.3
Coal	8-5/8"		32	796'	796'	38 CSP 18 11.2 C.T.S.
Intermediate						38 CSP 18 11.1
Production	4-1/2"		10.5	2155'	2155'	as required
Tubing						
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Agent

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[Handwritten signatures and initials]