





WR-35

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DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

State of West Virginia  
DEPARTMENT OF ENERGY  
Oil and Gas Division

Date \_\_\_\_\_  
Operator's \_\_\_\_\_  
Well No. #3A  
Farm Sally Paugh  
API No. 47 - 001 - 2385

WELL OPERATOR'S REPORT  
OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1274' Watershed Pleasant Creek  
District: Pleasant County Barbour Quadrangle Philippi 7 1/2'

COMPANY PETROLEUM DEVELOPMENT CORPORATION

ADDRESS PO BOX 26, BRIDGEPORT, WV 26330

DESIGNATED AGENT STEVEN R. WILLIAMS

ADDRESS PO BOX 26, BRIDGEPORT, WV 26330

SURFACE OWNER JUANITA P. STOUT

ADDRESS 321 PENNSYLVANIA AVE. BRIDGEPORT, WV 26330

MINERAL RIGHTS OWNER JUANITA P. STOUT

ADDRESS 321 PENNSYLVANIA AVE, BRIDGEPORT, WV 26330

OIL AND GAS INSPECTOR FOR THIS WORK \_\_\_\_\_

PHILLIP TRACY ADDRESS PO BOX 2536  
ELKINS, WV 26241

PERMIT ISSUED DEC. 31, 1987

DRILLING COMMENCED JAN. 26, 1988

DRILLING COMPLETED JAN 30, 1988

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

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	11'		
9 5/8			
8 5/8	725'	725'	175 sks
7			
5 1/2			
4 1/2	4392'	4392'	480 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION BENSON Depth 5000 feet

Depth of completed well 4428 feet Rotary xx / Cable Tools \_\_\_\_\_

Water strata depth: Fresh 215 feet; Salt none feet

Coal seam depths: 130-35;460-65;576-81 Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation BENSON Pay zone depth 4210-13 feet

Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

Final open flow 950 Mcf/d Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests \_\_\_\_\_ hours

Static rock pressure 1340 psig (surface measurement) after 72 hours shut in

(If applicable due to multiple completion--)

Second producing formation \_\_\_\_\_ Pay zone depth \_\_\_\_\_ feet

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 FEB 22 1988

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

(Continue on reverse side)

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

STAGE	FORMATION	PERFS	80/100 SKS	20/40 SKS	ACID GAL	N2 (MCF)	BBLs
1ST	<u>BENSON</u>	13 (4210-4213)	100	550	500	72	634

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WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
KB - GL			0	10	
sand, shale, RR			10	1239	1/2" stream H2O @ 215'
Little Lime			1239	1256	
sand, shale.			1256	1284	
Big Lime			1284	1368	
Big Injun			1368	1482	
sand, shale			1482	1671	gas check @ 1533' no show
Gantz			1671	1702	
sand, shale			1702	1746	gas check @ 1721' no show
50 ft			1746	1810	gas check @ 1808' no show
sand, shale			1810	1834	
30 ft			1834	1880	
sand, shale			1880	1920	
Gordon			1920	1951	
sand, shale			1951	2183	gas check @ 2033' no show
4th			2183	2242	
sand, shale			2242	2248	
4th A			2248	2282	
sand, shale			2282	2295	gas check @ 2279' no show
5th			2295	2348	gas check @ 2342' no show
sand, shale			2348	2508	
Elizabeth			2508	2542	
sand, shale			2542	2858	gas check @ 2620' no show
Speechley			2858	3014	gas check @ 2963' no show
sand, shale			3014	3108	
Balltown			3108	3315	
sand, shale			3315	3408	
Bradford			3408	3534	gas check @ 3523' 2/10 - 1" H2O
sand, shale			3534	3818	
1st Riley			3818	3900	
sand, shale			3900	4000	
2nd Riley			4000	4078	
sand, shale			4078	4198	gas check @ 4088' 2/10 - 1" H2O
<u>Benson</u>			4198	4260	
sand, shale			4260	4300	gas check @ 4275' 15/10 - 2" H2O
sand, shale			4300	4428	Driller TD
				4422	Logger TD

(Attach separate sheets as necessary)

PETROLEUM DEVELOPMENT CORPORATION

Well Operator

By: 

Date: FEBRUARY 17, 1988

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 coal, encountered in the drilling of a well."

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Page 1 of  
Form WW2-A  
(09/87)  
File Copy

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

1) Date: December 2, 1987  
2) Operator's well number  
Sallie Paugh #3A  
3) API Well No: 47 - 001 - 2385  
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 Juanita P. Stout  
Address 321 Pennsylvania Ave.  
Bridgeport, WV 26330  
(b) Name  
Address  
(c) Name  
Address  
6) Inspector Phillip Tracy  
Address P. O. Box 2536  
Elkins, WV 26241  
Telephone (304)- 636-8798

5) (a) Coal Operator:  
Name  
Address  
(b) Coal Owner(s) with Declaration  
Name Juanita P. Stout  
Address 321 Pennsylvania Ave.  
Bridgeport, WV 26330  
Name Black Diamond Energy  
Address P. O. Box 217  
Corriganville, MD 21524  
(c) Coal Lessee with Declaration  
Name  
Address

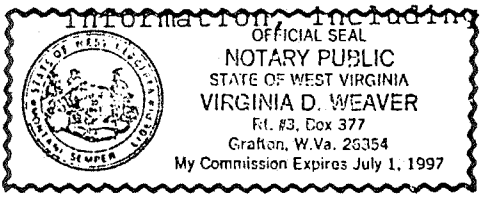
TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR  
XX 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 5 on the above named parties, by:  
Personal Service (Affidavit attached)  
XX 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 Petroleum development Corporation  
By: [Signature]  
Its: President  
Address P. O. Box 26  
Bridgeport, WV 26330  
Telephone 304-842-6256

Subscribed and sworn before me this 2nd day of December, 19 87  
[Signature] Notary Public  
My commission expires July 1, 1997

31 12/11/87  
12/11/87

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

- 1) Well Operator: Petroleum Development Corporation 38200, Co, 544
- 2) Operator's Well Number: Sallie Paugh #3A 3) Elevation: 1274
- 4) Well type: (a) Oil \_\_\_ / or Gas XX /  
(b) If Gas: Production XX / Underground Storage \_\_\_ /  
Deep \_\_\_ / Shallow XX /
- 5) Proposed Target Formation(s): Benson 335
- 6) Proposed Total Depth: 5000 feet
- 7) Approximate fresh water strata depths: Correct 45, 200', 160'
- 8) Approximate salt water depths: Correct 1766
- 9) Approximate coal seam depths: Correct 69, 99, 144, 345, 400, 540, 610
- 10) Does land contain coal seams tributary to active mine? Yes \_\_\_ / No XX  
From 0536, 0759, 0792, 1145. Barbours.
- 11) Proposed Well Work:
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	11 3/4	H-40	42#	30	-	-
Fresh Water						
Coal						
Intermediate	8 5/8	J-55	20#	1050	1050	38 CSR18-11.3 38 CSR18-11.22 neat c.t.s.
Production	4 1/2	J-55	10.5#	5000	5000	38 CSR18-11.1 450 sks
Tubing						
Liners						

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PACKERS : Kind \_\_\_\_\_  
Sizes \_\_\_\_\_  
Depths set \_\_\_\_\_  
DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

For Division of Oil and Gas Use Only

Fee(s) paid:  Well Work Permit  Reclamation Fund  WPCP  
Plat  WW-9  WW-2B  Bond 50 Blanket Agent  
(Type)

817000  
2410