

AR-35

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APR 27 1987



State of West Virginia
DEPARTMENT OF ENERGY
Oil and Gas Division

Date _____
Operator's _____
Well No. #5 _____
Farm Lyda Drainer _____
API No. 47 - 033 - 3409

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

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: 1347' Watershed PIGTAIL RUN OF BEARDS RUN OF SIMPSON CREEK
District: SIMPSON County HARRISON Quadrangle BROWNTON 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 CHARLES E. COMPTON

ADDRESS 1275 STOUT ST., BRIDGEPORT, WV 26330

MINERAL RIGHTS OWNER Norman C & Essie Mae Drainer

ADDRESS Rt 1, Flemington, WV 26347

OIL AND GAS INSPECTOR FOR THIS WORK _____

STEPHEN CASEY ADDRESS RT 2, BOX 232-D JANE LEW, WV 26378

PERMIT ISSUED FEB. 25, 1987

DRILLING COMMENCED MAR. 14, 1987

DRILLING COMPLETED MAR. 19, 1987

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.			
13-10"	78'	78'	
9 5/8			
8 5/8	1138'	1138'	225 sks.
7			
5 1/2			
4 1/2	4646'	4646'	440 sks.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION BENSON Depth 5000 feet

Depth of completed well 4679 feet Rotary xx / Cable Tools _____

Water strata depth: Fresh 55,170 feet; Salt NONE feet

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

OPEN FLOW DATA

Producing formation BENSON Pay zone depth 4534'-36' feet

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

Final open flow (730) Mcf/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ hours

Static rock pressure 1500 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

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

MAY 04 1987

(Continue on reverse side)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE

STAGE	FORMATION	PERFS	80/100 SKS	20/40 SKS	ACID GAL	N2 (MCF)
1ST	<u>BENSON</u>	18 (4534 - 4536)	100	450	500	63

618 BBLs SAND LADEN FLUID

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WELL LOG

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all free and salt water, coal, oil and g
KB - GL			0	10	
sand, shale, RR			10	1541	3" stream fresh H2O @ 55'
Little Lime			1541	1557	1" stream fresh H2O @ 170'
sand, shale			1557	1585	
Big Lime			1585	1664	
Big Injun			1664	1752	
sand, shale			1752	2040	gas check @ 1812' no show
Gantz			2040	2052	
sand, shale			2052	2065	
50 ft			2065	2088	
sand, shale			2088	2092	
30 ft			2092	2108	
sand, shale			2108	2205	
Gordon			2205	2241	gas check @ 2218' no show
sand, shale			2241	2486	gas check @ 2372' no show
4th			2486	2514	
sand, shale			2514	2560	gas check @ 2528' no show
5th			2560	2598	
sand, shale			2598	2621	
Bayard			2621	2631	
sand, shale			2631	3059	
Speechley			3059	3252	gas check @ 3060' 2/10 - 1" H2
sand, shale			3252	3373	gas check @ 3215' 2/10 - 1" H2
Balltown			3373	3625	
sand, shale			3625	3709	
Bradford			3709	3869	
sand, shale			3869	4319	gas check @ 3933' no show
Riley			4319	4378	
sand, shale			4378	4513	gas check @ 4491' no show
✓ Benson			4513	4572	gas check @ 4554' 8/10 - 2" H2
sand, shale			4572	4679	Driller TD 16/10 - 2" H2
				4690	Logger TD @ DC 2/10 - 2" H2

(Attach separate sheets as necessary)

Petroleum Development Corp.
Well Operator
By: *[Signature]*
Date: *4/9/87*

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."