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IV-35 JUN - 7 1982 (Rev 8-81) OIL AND GAS DIVISION WV DEPARTMENT OF MINES

State of West Virginia Department of Mines Oil and Gas Division

Date 5/19/82 Operator's Well No. Thomas #3 Farm Brown API No. 47 - 039 - 3754

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

WELL TYPE: Oil / Gas / Liquid Injection X / Waste Disposal / (If "Gas," Production / Underground Storage / Deep / Shallow /) LOCATION: Elevation: 790 678 - correct elev. via 7/2/77 Watershed Elk River District: Elk County Kanawha Quadrangle Blue Creek 7.5

COMPANY Arbor Petroleum Corp. ADDRESS 422 N. Post Oak Ln., Houston DESIGNATED AGENT Mike Thomas ADDRESS Pinch Ridge SURFACE OWNER Drennan heirs ADDRESS Blue Creek MINERAL RIGHTS OWNER Brown heirs ADDRESS Charleston WV OIL AND GAS INSPECTOR FOR THIS WORK Martin Nichols ADDRESS BX 544, Clendenin WV PERMIT ISSUED DRILLING COMMENCED 6/10/81 DRILLING COMPLETED 6/15/81 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16 Cond., 13-10", 9 5/8, 8 5/8 (310' to surface), 7, 5 1/2, 4 1/2 (1760, 900), 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION Squaw Depth 1714 feet Depth of completed well 1779 feet Rotary X / Cable Tools Water strata depth: Fresh 90 feet; Salt 1100 feet Coal seam depths: none Is coal being mined in the area? no

OPEN FLOW DATA Producing formation Squaw Pay zone depth 1714 feet Gas: Initial open flow 20 Mcf/d Oil: Initial open flow 5 Bbl/d Final open flow 20 Mcf/d Final open flow 5 Bbl/d Time of open flow between initial and final tests 24 hours Static rock pressure 125 psig (surface measurement) after 60 hours shut in (If applicable due to multiple completion--)

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

Perforated from 1714' to 1734'.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
red rock			0	60	
blue rock			60	85	
sand			85	200	
red rock			200	245	
white rock			245	400	
sand			400	560	
slate			560	570	
lime			570	583	
sand			583	630	
slate shell			630	670	
sand			670	875	
slate shell			875	1100	
sand			1100	1125	
slate shell			1125	1365	
slate			1365	1369	
maxon			1369	1465	
slate			1465	1475	
lime			1475	1535	
pencil cave			1535	1540	
big lime			1540	1600	
big injun			1600	1636	
slate shell			1636	1798	
<u>squaw sand</u>			1798	1816	

1600
098
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902

(Attach separate sheets as necessary)

Arbor Petroleum Corp.
Well Operator

By: Dave Benson

Date: 5/19/82

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."