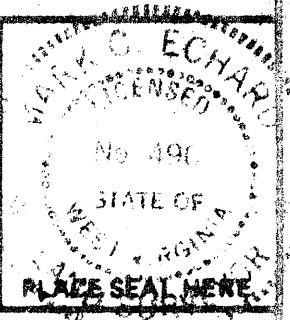


FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 3000'  
 MINIMUM DEGREE OF ACCURACY 1/200'  
 PROVEN SOURCE OF ELEVATION WELL NO. 47-103-477-DD N30°W 3350'-EL: 1136'

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. *mark c. Echard*  
 (SIGNED) MARK C. ECHARD  
 R.P.E. \_\_\_\_\_ L.L.S. 490



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



DATE MARCH 3  
 OPERATOR'S WELL NO. \_\_\_\_\_  
 API WELL NO. 47-103-1176  
 STATE COUNTY PERMIT

**STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION**

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION 1003 WATERSHED BUFFALO RUN  
 DISTRICT GRANT COUNTY WETZEL  
 QUADRANGLE FOL 90M 7.5' NE Centerpoint 18'  
 SURFACE OWNER LEWIS WETZEL HUNTING AREA ACREAGE 22.00  
 OIL & GAS ROYALTY OWNER ALMA CARLIN PIGGOTT HEIRS LEASE ACREAGE 22.00  
 LEASE NO. \_\_\_\_\_  
 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 REPLUG \_\_\_\_\_  
 TARGET FORMATION 5th SAND ESTIMATED DEPTH 3350'  
 WELL OPERATOR ERRELL L. PRIOR DESIGNATED AGENT MR. VERAL SUMMERS  
 ADDRESS P.O. BOX 1486 ADDRESS P.O. BOX 1486  
PARKERSBURG, W.VA. 26101 PARKERSBURG, W.VA. 26101





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

Dowell Frac June 1981

**RECEIVED**  
MAR 30 1987

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
No Record			0	1500	
1st Salt Sand			1500	1540	
Sand			1540	1620	
Shale			1620	1680	
Lime			1680	1700	
Slate and Shale			1700	1820	
Sand			1820	2030	
Maxon Sand			2030	2052	
Little Lime			2052	2090	
Shale			2090	2230	
Big Injun			2230	2330	
Shale			2330	2400	
Berea Sandstone			2400	2500	
Shale			2500	2630	
Gordon Stray Sandstone			2630	2690	
Shale			2690	2860	
Gordon Sandstone			2860	2900	
Shale			2900	2950	
Murryville Sandstone			2950	3000	
5th Sand			3000	3083	
Total Depth			<u>3083</u>		

(Attach separate sheets as necessary)

Well Operator  
By: Leuel Pri  
Date: \_\_\_\_\_

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."



