


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)
 N 59 N4E6



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE 1-8- 1979
 OPERATOR'S WELL NO. 5
 API WELL NO. 47-103-1107
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS", PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION _____ WATER SHED KATYLUCK, PRICE RUN
 DISTRICT GRANT COUNTY WETZEL
 QUADRANGLE FOLSOM 7.5'

SURFACE OWNER _____ ACREAGE _____
 OIL & GAS ROYALTY OWNER _____ LEASE NO. _____ LEASE ACREAGE _____

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 _____ ESTIMATED DEPTH _____
 WELL OPERATOR Penzoil Company DESIGNATED AGENT James A. Gwalt
 ADDRESS P. O. Box 1588 ADDRESS P. O. Box 1588
Parkersburg, WV 26101 Parkersburg, WV 26101

LATITUDE 39° 30' 00"

7 1/2'
LOC

80° 30' 00"
LONGITUDE

7'5 OGIS topo location

7.5' 10C 0.02 S 15' 10C _____
' 0.93 W (calc.) _____

Company _____

Farm _____

Quad Folsom 7 1/2'

County WETZEL

District GRANT

WELL LOCATION MAP

File No. 103 - 1107

Well No. 5 *Shuman trees* Farm 97 Acres
 Lease No. *Year* District *Wetzel* County *W Va* State
S P O Co Contractor *S P O Co* Contractor
 Drilling Commenced *Dec 29* 1916 Drilling Completed *March 10* 1917

ROCK FORMATION	TOP	BOTTOM	STEEL LINE MEASUREMENT	REMARKS
Conductor		16		
Pittsburg Coal	875	883	875	
Little Muskard	1290	1315		
Big do	1380	1400		
1 st Salt Sand	1675	1725		
Water	1696			
2 nd Salt Sand	1785	1845		shot 2-19-17 60 yds at 2964 ft
Water	1815			
Little Lullie	2065	2085		
Pencil Cove	2085	2090		
Big Lullie	2090	2148		
Big Lullie	2148	2281	2148	
Oil sh	2267	2270		
Fifty foot	2650	2675		
Shells "	2770	2790		
Boulder	2872	2890		
Stray Sand	2929	2976	2929	
Oil	2964	2970		
London Sand shells		none		
South "	2997	3010		
Total depth		3033	3033	
Well filled up to stray		2980		
Total depth		2980	2980	

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

SIZE	PUT IN WELL		PULLED OUT		LEFT IN WELL		Shot Date	Amount	Sand	Result	Packer Size	Depth Set
	FEET	IN.	FEET	IN.	FEET	IN.						
10	610		610				3-15-17-53-35	20250	40 yd	Stray		
8 1/4	1382		1382									
6 3/8	2074											
5 3/16	2564											

Production First 24 Hours *10* Bbls. Gas Test
 Approved by *A L Chambers* Superintendent

103-1107