



+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)
 159N5E5



DATE 1-8-79
 OPERATOR'S WELL NO. 15
 API WELL NO. 47-103
 STATE COUNTY PERMIT 1034

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 _____ WATER SHED PRICE RUN
 DISTRICT GRANT COUNTY WETZEL
 QUADRANGLE BIG RUN 7.57
 SURFACE OWNER _____ ACREAGE _____
 OIL & GAS ROYALTY OWNER _____ LEASE NO. _____ LEASE ACREAGE _____
 PROPOSED WORK: DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR
 STIMULATE _____ PLUS 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 Pennzoil Company DESIGNATED AGENT James A. Crews
 ADDRESS P. O. Box 1588 ADDRESS P. O. Box 1588
Parkersburg, WV 26101 Parkersburg, WV 26101

D Morgan-15

LATITUDE 39° 32' 30"

LONGITUDE 80° 30' 00"



7'5 OGIS topo location

7.5' loc 2.305 15' loc _____
' 1.88 w (calc.) _____

Company _____

Farm _____

Quad BIG RUN 7 1/2'

County WETZEL

District GRANT

WELL LOCATION MAP

File No. 103-1036

Well No. 15 *Q.B.* J. O. Morgan Farm 539 Acres
 Lease No. 12117 Grant *County* H. W. State
 District H. W. Contractor J. P. Morgan Contractor
 Drilling Commenced Sept. 10, 1924 Drilling Completed Oct. 16, 1924
 N. 5 S. E. 5 W.

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Commenced to drill @		2456	2456	
Big Injun Sand		2515		
5 ft. Foot Sand	2865	2875	2865	
5 ft. casing			2929	
Thirty Foot Sand	3070	3100	3070	
London Gray Sand	3130	3148	3130	
London Sand	3153		3153	
Gas		3156	3156	
Oil		3159	3159	
Total depth		3176	3176	

Refer to Book #1 for 1st Drilling

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

Size	Put in Well		Pulled Out		Left in Well		Shot Date	Amount	Sand Result
	Feet	In.	Feet	In.	Feet	In.			
6 1/8"		9		3			10/28/24	20 gals	10-20-31
5 7/8"	29	68						20 gals	
4 1/2 x 4"	248	5						3159 1/2	

Packer Size _____
 Depth Set _____

Production First 24 Hours 5 Bbls. Gas Test _____
 Approved by J. P. Morgan Superintendent