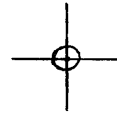


LATITUDE 39° 30' 00"



LONGITUDE 80° 32' 30"

7'5 OGIS topo location

7.5' loc 0.91 S 15' loc \_\_\_\_\_  
' 0.74 W (calc.) \_\_\_\_\_

Company \_\_\_\_\_

Farm \_\_\_\_\_

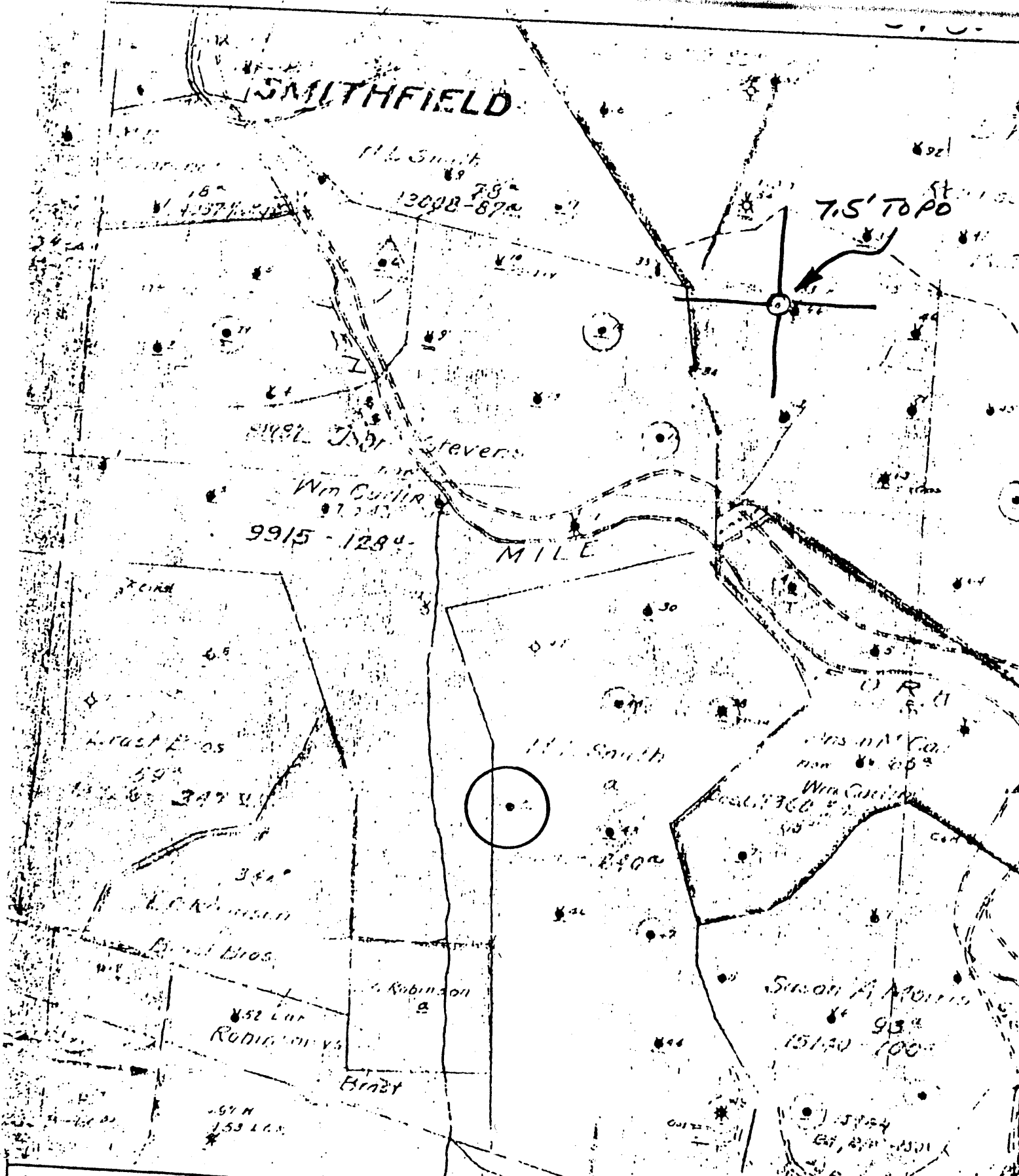
Quad Folsom 7/2'

County WEITZEL

District GRANT

WELL LOCATION MAP

File No. 103 - 1114



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS



DATE 1-8- 1979  
 OPERATOR'S WELL NO. 50  
 API WELL NO. 47-103-1114  
 STATE COUNTY PERMIT

FORM IV-6  
 (8-78)  
N59 N3 E4

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 NA WATER SHED SOUTH FK, FISHING CK  
 DISTRICT GRANT COUNTY WETZEL  
 QUADRANGLE FOLSOM 7.5'

SURFACE OWNER \_\_\_\_\_  
 OIL & GAS ROYALTY OWNER \_\_\_\_\_ ACREAGE \_\_\_\_\_  
 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) \_\_\_\_\_

PLUS AND ABANDON  CLEAN OUT AND REPLUG   
 TARGET FORMATION \_\_\_\_\_ ESTIMATED DEPTH \_\_\_\_\_  
 WELL OPERATOR Pennzoil Company DESIGNATED AGENT James A. Crews  
 ADDRESS P. O. Box 1582 ADDRESS P. O. Box 1582  
Parkersburg, WV 26101 Parkersburg, WV 26101

H.L. Smith - 50

Lease No. 1/3006 Grant  
 Drilling Completed 12-16-1929  
 N. S. E. 100 Acres  
 Township 34 N. R. 16 E. County 24 N. State 100  
 Contractor Dr. R. M. By. Drilling Completed 2-1-1930  
 Contractor

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
Commenced to drill	2262	2285		
By dynamometer	2360	2480		
Plate & shells	2480	2790		
3 1/2" foot bands	2700	2740	2700	
3 1/2" foot bands	2758	2761	2758	
Rounder bands	2772	2792	2772	
Strong bands	2928	2947	2928	
Harder bands	2951	2966	2951	
By, 4/10 1/2" open	2958	2965	2958	
Total depth			2967	

"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
5 3/16"	2800		2800	Amount Sand Result
4 1/2" x 4"	164		164	
2" 3/8"	2967		2967	Packer Size 2 X 4 X 16"
				Depth Set 2938'

Production First 24 Hours 2110 Mar 2 1/2

Well No. 50 (Law 101) A. D. Grant  
 Lease No. 1/3006 Grant  
 Drilling Completed 12-16-1929  
 N. S. E. 100 Acres  
 Township 34 N. R. 16 E. County 24 N. State 100  
 Contractor Dr. R. M. By. Drilling Completed 2-1-30  
 Contractor

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
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Harder bands	2951	2966	2951	
By, 4/10 1/2" open	2958	2965	2958	
Total depth			2967	

Special Volume & Pressure Report  
 Date opening 2-4-30 34 45 50 54 56 58 60  
 1 1/2" 2 1/2" 3 1/2" 4 1/2" 5 1/2" 6 1/2" 7 1/2" 8 1/2" 9 1/2" 10 1/2"

"Refer to Book #1 for 1st drilling"

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Production First 24 Hours