

MINIMUM ERROR OF CLOSURE 1/250

SOURCE OF ELEVATION U.S.G.S. B.M. - JCT. 46TH ST., VIENNA

AND ROSEMAR ROAD (S.S.R. 4)

New Location   
 Drill Deeper   
 Abandonment

"I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS MAP IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY PARAGRAPH 6 OF THE RULES AND REGULATIONS OF THE OIL AND GAS SECTION OF THE MINING LAWS OF WEST VIRGINIA."

Company SHIELD PETROLEUM CORPORATION  
 Address 6980 TENDERFOOT LANE, CINCINNATI, OHIO  
 Farm H. E. WAY  
 Tract A Acres 79.45 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 907.5' EO  
 Quadrangle OHIO-W.VA. - PARKERSBURG  
 County WOOD District WILLIAMS  
 Engineer Warren S. Frank  
 Engineer's Registration No. 3688  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date FEB. 20, 1967 Scale 1" = 400'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
 WELL LOCATION MAP  
 FILE NO. W00-551

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.  
 - Denotes one inch spaces on border line of original tracing.

66307



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 7

Rotary   
Spudder   
Cable Tools  *gas; oil show*  
Storage

Quadrangle .....

WELL RECORD

Oil or Gas Well Combination  
(KIND)

Permit No. W00-551

Company Shield Petroleum Corporation  
Address 3249 E. Sharon Rd., Cincinnati, Ohio  
Farm H. Way Acres 80  
Location (waters) .....  
Well No. One Elev. 907.5  
District Williams County Wood  
The surface of tract is owned in fee by H. E. Way  
R.D. #1 Address Parkersburg, W. Va.  
Mineral rights are owned by Shield Petroleum Corp.  
3249 E. Sharon Rd. Address Cincinnati, Ohio  
Drilling commenced 2-22-67  
Drilling completed 4-15-67  
Date Shot -- From -- To --  
With --

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16 15'	15'	15'	
13			Size of
10 150.5'	150.5'	none	
8 1/4 975'	975'	none	Depth set
6 3/4 1694'	1694'	none	
4 1/2	2587'	2587'	Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

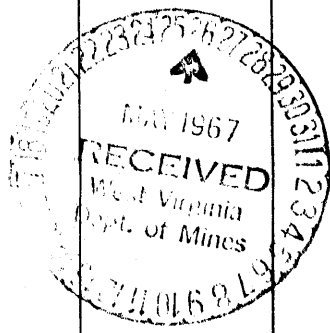
Open Flow /10ths Water in -- Inch  
/10ths Merc. in -- Inch  
Volume 3,000,000 MCF Cu. Ft.  
Rock Pressure 900 lbs. 24 hrs.  
Oil Unknown as yet bbls., 1st 24 hrs.  
WELL ACIDIZED (DETAILS) --

Attach copy of cementing record.  
CASING CEMENTED 4 1/2" SIZE 2600' No. Ft. 4-21-67 Date  
Amount of cement used (bags) 226 cu. ft.  
Name of Service Co. Dowell  
COAL WAS ENCOUNTERED AT 0 FEET INCHES  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

WELL FRACTURED (DETAILS) Total 1900 bbl. water / 26,000# 20-40-, 20,000# 10-20

RESULT AFTER TREATMENT (Initial open Flow or bbls.)  
ROCK PRESSURE AFTER TREATMENT 900 psi HOURS 24  
Fresh Water -- Feet Salt Water 1575 Feet  
Producing Sand Berea, Devonian Shale, Gordon Depth 2200; 2250-2350; 2525

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	15'			
Sand			15	50			
Red Rock			50	80			
Slate			80	85			
Red Rock			85	90			
Slate			90	120			
Red Rock			120	130			
Slate			130	135			
Red Rock			135	180			
Slate			180	210			
Red Rock			210	275			
Sand			275	310			
Slate			310	345			
Red Rock			345	370			
Slate			370	375			
Red Rock			375	416			
Lime			416	445			
Sand			445	445			
Slate & Shells			445	530			
Red Rock			530	570			
Slate & Shells			570	600			
Red Rock			600	610			
Slate & Shells			610	745			
Sand			745	775			
Slate			775	780			
Red Rock			780	855			
Slate			855	970			



salt water, 2 bailers per hr. 765'

Formation	Color	Hard or Soft	Top 7	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			970	990			
Slate & shells			990	1106			
Sand			1106	1185			
Slate			1185	1390			
Sand			1390	1430	Good show oil	1408'	1 bbl per hr
Slate			1430	1435			
Sand			1435	1453			
Slate & shells			1453	1545			
Sand			1545	1690	Salt water	1575'	2 Bailer per hr
Lime Big Lime - <i>questionable</i>			1690	1720			
Sand Big Limestone			1720	1875	1725' salt water,		hole fill
Lime			1875	1890			
Slate			1890	1910			
Slate & shells			1910	2165			
Coffee Shale			2165	2198			
Sand Berea			2198	2206	Good gas show	frac -	3,000 act
Slate & shells - Dev. shale			2206	2495			
Sandy Shale - Gordon			2495	2530	Oil show		
Shale			2530	2587			
			2587 T.D.				

Date \_\_\_\_\_, 19\_\_\_\_

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APPROVED

Owner

By \_\_\_\_\_

(Title)