



Source of Elevation Rosemar Road Intersection (633')

ACCURACY: 1" / 200'

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.

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill

Chet Waterman

Company	SHIELD PETROLEUM		
Address	CINCINNATI, OHIO		
Farm	MCATEE-MARSHALL		
Tract	Acres	14	Lease No.
Well (Farm) No.	2	Serial No.	
Elevation (Spirit Level)	791'		
Quadrangle	Parkersburg <i>(C)</i>		
County	WOOD	District	WILLIAMS
Engineer	CHET WATERMAN		
Engineer's Registration No.	3788		
File No.	67003-179	Drawing No.	
Date	9/25/67	Scale	1" = 200'

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

WELL LOCATION MAP
FILE NO. W00 - 544 - Revised

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudler
Cable Tools
Storage

Quadrangle

Permit No. W00-566

WELL RECORD

Oil or Gas Well Oil + Gas
(KIND)

Company <u>Shield Petroleum Corporation</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>3249 East Sharon Road, Cinti, Ohio 45241</u>	Size			Kind of Packer
Farm <u>S. McAtee</u> Acres <u>55</u>	16			Size of
Location (waters)	13			Depth set
Well No. <u>2</u> Elev. <u>707.4</u>	10			Perf. top
District <u>Williams</u> County <u>Wood</u>	8 1/4			Perf. bottom
The surface of tract is owned in fee by <u>Clarence Marshall</u>	6 3/4			Perf. top
Address <u>Parkersburg, W. Va.</u>	5 3/16			Perf. bottom
Mineral rights are owned by <u>Clarence Marshall</u>	4 1/2			
Address <u>Parkersburg, W. Va.</u>	3			
Drilling commenced <u>8-10-67</u>	2			
Drilling completed <u>10-14-67</u>				
Date Shot From To	Liners Used			
With				

Open Flow 1/10ths Water in Inch Attach copy of cementing record.
1/10ths Merc. in Inch CASING CEMENTED 4 1/2 SIZE 2087 No. Ft. 10-14-67 Date
 Volume 500,000 G. F. Cu. Ft. Amount of cement used (bags) 55 sacks
 Rock Pressure 800 lbs. 10 hrs. Name of Service Co. Lawson Cement Company
 Oil 50 bbls. 1st 24 hrs. COAL WAS ENCOUNTERED AT FEET INCHES
 WELL ACIDIZED (DETAILS) FEET INCHES FEET INCHES
 WELL FRACTURED (DETAILS) 560 bbls Fresh Water 15,000# 10/20 and 15,000# 20/40 Sand FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 500,000 cf. MCF & 50 BOPD
 ROCK PRESSURE AFTER TREATMENT 500,000 cf. 50 BOPD HOURS 10
 Fresh Water Feet Salt Water Injun Sand Feet 1650 Feet
 Producing Sand Berea Depth 2015-2028

Formation	Color	Depth - Feet	Top	Bottom	OIL, Gas or Water	Depth	Remarks
Surface Sand			0	15			
Red Rock			15	60			
Salte			60	90			
Red Rock			90	95			
Slate			95	140			
Red Rock			140	180			
			180	275			
Sand			275	290			
Slate			290	350			
Red Rock			350	600			
Sand			600	640			
Slate			640	710			
Slate Shells			710	840			
Red Rock			840	1050			
Sand			1050	1190			
Slate & Shells			1190	1450			
Sand Injun			1450	1550			
Shale			1550	1740	Gas & Water		
Slate			1740	1810			
Sandy Shale			1810	1990			
Slate			1990	2015			
Sand (Berea)			2015	2028	Oil & Gas		