



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

Source of Elevation Road intersection west of lease (932')

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	CINCINNATI, OHIO	
Farm	S. J. WILLARD	
Tract	Acres 62 1/2	Lease No.
Well (Farm) No.	2	Serial No.
Elevation (Spirit Level)	1034.5'	
Quadrangle	PARKERSBURG <i>EC</i>	
County	WOOD	District WILLIAMS
Engineer	CHET WATERMAN	
Engineer's Registration No.	3788	
File No.	67003-65	Drawing No.
Date	5/20/67	Scale 1" = 30'

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

WELL LOCATION MAP
FILE NO. W-581

- + Denotes location of well on United States Topographic Maps, scale 1 to 62,500, bearing and longitude lines being indicated by leader lines as shown.
- Denotes one inch space on map from original tracing.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Oil or Gas Well Gas
(KIND)

Quadrangle Marietta
Permit No. W00-581

WELL RECORD

Company Shield Petroleum Corporation
Address 3249 E. Sharon Road, Cinti. O. (45241)
Farm S. J. Willard Acres 62-1/4
Location (waters) _____
Well No. #2-Willard Elev. 1034.3
District Williams County Wood
The surface of tract is owned in fee by S. J. Willard
555 - 7th St. Address Parkersburg, W. Va.
Mineral rights are owned by S. J. Willard
555 - 7th St. Address Parkersburg, W. Va.
Drilling commenced March 13, 1968
Drilling completed April 23, 1968
Date Shot - From - To -
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 500,000 Cu. Ft.
Rock Pressure 650 lbs. 24 hrs.
Oil None bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) -
WELL FRACTURED (DETAILS) Well was fractured by Dowell using 949 bbls./water - 30,000 lbs. 10/20 sand and 15,000 20/40 sand
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 500,000 MCF
ROCK PRESSURE AFTER TREATMENT 650 lbs. HOURS 24 hours
Fresh Water None Feet - Salt Water Injun Feet 1658 - 1803
Producing Sand Gordon Sand Depth 2608 - 2626

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	18	-0-	Size of
10	307	-0-	Depth set
8 1/4	1134	-0-	
6 3/4	2031	-0-	
5 3/16			
4 1/2	2700	2700	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record.
CASING CEMENTED 4 1/2 SIZE 2700 No. Ft. _____ Date _____
Amount of cement used (bags) 45 bags expando cement
(and 5 sacks lime)
Name of Service Co. Lawson Cementing
COAL WAS ENCOUNTERED AT -0- FEET -0- INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			-0-	10'			
Clay			10'	49'			
Sand			49'	65'			
Shale			65'	375'			
Sand			375'	405'			
Shale			405'	1065'			
Sand			1065'	1087'			
Sand Shale			1087'	1200'			
Sand			1200'	1275'			
Shale			1275'	1293'			
Sand			1293'	1324'			
Shale			1324'	1400'			
Sand			1400'	1430'	Oil	1410-1422'	Slight show
Shale			1430'	1500'			
Sand			1500'	1532'			
Shale			1532'	1658'	Water		
Sand			1658'	1695'			
Shale			1695'	1700'			
Sand			1700'	1803'			
Shale			1803'	1813'			
Sand			1813'	1993'			
Shale			1993'	2298'			
Sand			2298'	2302'	Oil		Slight Show
Shale			2302'	2608'			
Sand			2608'	2626'	Oil		Show
Shale			2626'	3763'	Oil	3488-3712'	Slight Show's
				T.D. 3763'			

