

New Location
 Drill Deeper
 Abandonment

Don CREED

Company HARDMAN DRILLING CO., HARDMAN, AGT.

Address 4001 JEFFERSON ST., PARKERSBURG, W.VA.

Farm BLONDA L. GROACH

Tract 1 Acres 40 Lease No. _____

Well (Farm) No. 2 Serial No. _____

Elevation (Spirit Level) 911'

Quadrangle VADIS - NW

County DODDRIDGE District NEW MILTON

Engineer Parker E. Peters

Engineer's Registration No. 485

File No. _____ Drawing No. _____

Date AUGUST 22, 1961 Scale 1" = 20 P

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

WELL LOCATION MAP

FILE NO. DOD-616

+ 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 3

Quadrangle Vads

Permit No. DOD-616

WELL RECORD

Oil or Gas Well Both
(KIND)

Company Hardman Drilling Co.
Address 4001 Jefferson St., Parkersburg, W. Va.
Farm Blonda Groah Acres 40
Location (waters) Neathouse Fork
Well No. No. 2 Elev. 911
District New Milton County Doddridge
The surface of tract is owned in fee by Blonda Groah
Address Blandville, W. Va.
Mineral rights are owned by Blonda Groah
Address Blandville, W. Va.
Drilling commenced 11-2-61
Drilling completed 12-14-61
Date Shot _____ From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume (400M) Cu. Ft.
Rock Pressure 350 lbs. 24 Hrs hrs.
Oil (50 Bbl) bbls., 1st 24 hrs.
WELL ACIDIZED _____

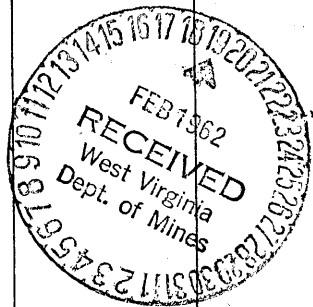
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	13	13	
13			
10	250		Size of
8 1/4	906		
6 1/2			Depth set
5 3/16 5 1/2	2105	2105	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE 5 1/2 No. Ft. 2105 Date 12-15-61
38 sks. cement, 4 aquagel
10 barrel, 4 line LAWSON
COAL WAS ENCOUNTERED AT None FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

WELL FRACTURED Wix River Frack

RESULT AFTER TREATMENT Listed above
ROCK PRESSURE AFTER TREATMENT 350 lbs.
Fresh Water Water at 900 Ft. Hole full Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	15			
Slate			15	50			
Red Rock			50	90			
Sand			90	120			
Red Rock			120	150			
Slate & Shells			150	160			
Sand			160	183			
Red Rock			183	215			
Slate & Shells			215	278			
Red Rock			278	302			
Slate & Shells			302	345			
Red Rock			345	380			
Sand			380	395			
Slate & Shells			395	600			
Black Slate			600	607			
White Slate			607	640			
Red Rock			640	667			
White Slate			667	675			
Sand			675	699			
White Slate			699	720			
Red Rock			720	765			
Lime			765	800			
Red Rock			800	815			
Slate			815	840			
Lime			840	880			
Sand			880	910			
Lime			910	940			
Slate & Shells			940	980			



Water at 900 Ft.

Formation	Color	Hard or Soft	Top 3	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			980	1002			
Slate & Shells			1002	1085			
Sand			1085	1105			
Lime			1105	1144			
Sand			1144	1200			
Slate & Shells			1200	1280			
Sand			1280	1442	Show Oil	1375	
Black Slate			1442	1460			
Sand			1460	1540			
Slate & Shells			1540	1830			
Lime			1830	1868			
Sand			1868	1887			
Big Lime			1887	1938			
Sand			1938	2036	Show Oil	1960	
Slate			2036	2098	Show Oil	1984 to 2036	

Date February 15, 1962

APPROVED Hardman Drilling Co., Owner

By Don Hardman, Partner
(Title)