



Company HARDMAN DRILLING CO., HARDMAN ^{Don} AST.

Address 1001 JEFFERSON ST. PARKERSBURG, W.VA.

Farm LURA M. ABLES

Tract 1 Acres 44 Lease No. _____

Well (Farm) No. 1 Serial No. _____

Elevation (Spirit Level) 903'

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-618

+ 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.

6-0 144



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 5

Quadrangle Vadis

Permit No. DoD-618

WELL RECORD

Oil or Gas Well Oil & Gas
(KIND)

Company Hardman Drilling Co.
Address 4001 Jefferson St., Parkersburg, W. Va.
Farm Lura Ables Acres 44
Location (waters) Neathouse Fork
Well No. 1 Elev. 903
District New Milton County Doddridge
The surface of tract is owned in fee by Lura Ables
Address New Milton, W. Va.
Mineral rights are owned by _____
Address _____
Drilling commenced September 7, 1961
Drilling completed September 29, 1961
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in Show Inch _____
_____ /10ths Merc. in _____ Inch _____
Volume _____ Cu. Ft. _____
Rock Pressure _____ lbs. _____ hrs. _____
Oil Show bbls., 1st 24 hrs. _____
WELL ACIDIZED _____
WELL FRACTURED with 1500 Ebl. Water

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size		✓	
16			Kind of Packer
13			
10	235		Size of
8 1/4	1040		
6 5/8			Depth set
5 1/2 5 1/2	2079	2079	
3			Perf. top
2	2075	2075	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE 5 1/2 No. Ft. 2079 Date 10-5-61
45 sks. cement, 10 sks. baroid
4 sks. aquagel, 4 sks. lime - Lawson
COAL WAS ENCOUNTERED AT None FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT 150M Gas and 50 Bbl. Oil
ROCK PRESSURE AFTER TREATMENT 300 Lbs. 12 Hours
Fresh Water None Feet _____ Salt Water None Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	9			
Sand			9	70			
Slate			70	180			
Sand			180	225			
Slate			225	340			
Red Rock			340	370			
Sand			370	440			
Red Rock			440	470			
Slate			470	590			
Sand			590	630			
SAND Slate			630	660			
Sand			660	700			
Lime & Slate			700	720			
Red Rock			720	750			
Slate			750	855			
Red Rock			855	890			
Sand			890	910			
Slate			910	985			
Sand			985	1000			
Slate			1000	1040			
Sand			1040	1100			
Slate			1100	1190			
Sand			1190	1225			
Slate			1225	1310			
Sand			1310	1400			
Slate & Shells			1400	1460			
Sand			1460	1610			
Slate			1610	1675			
Gritty Lime			1675	1708			

Formation	Color	Hard or Soft	Top 5'	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			1708	1800			
Sand			1800	1853			
Lime			1853	1850			
Sand			1850	1895			
Lime			1895	1930			
Sand			1930	1941	Show Oil	1937-41	
Lime			1941	1947			
Sand			1947	1965	Oil & Gas	1960-65	
Lime			1965	1993			
Sand			1993	2024	Oil	1998-2010	
Slate			2024, 2010	2079			

Date November 13, 1961

APPROVED Don W. Hardman, Partner, Owner

By Hardman Drilling Co.
(Title)