

MINIMUM ERROR OF CLOSURE $\frac{1}{200}$

SOURCE OF ELEVATION US COAST & GEODETIC SURVEY BM J-81,

New Location
 Drill Deeper
 Abandonment

CONCRETE BRIDGE ON B&O RR ELEV. - 815.468'

"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 HARVEY L. STARR
 Address 1204-16TH ST. PARKERSBURG, W. VA.
 Farm TED PATTON
 Tract _____ Acres 14± Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 880.8'
 Quadrangle WEST UNION SE
 County DODDRIDGE District CENTRAL
 Engineer Frank R. Skidds
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date NOV. 21, 1964 Scale 1"=200

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

WELL LOCATION MAP
 FILE NO. DOD-1199

+ 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 5

Rotary
Spudder
Cable Tools
Storage

Quadrangle West Union

Permit No. DOD-1199

WELL RECORD

Oil or Gas Well Combination
(KIND)

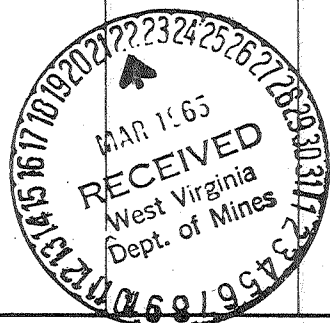
Company Harvey L. Starr
Address 920 Market St., Parkersburg, W. Va.
Farm Ted Patton Acres 14
Location (waters) Wilhelm Run
Well No. #1 Elev. 880.8'
District Central County Doddridge
The surface of tract is owned in fee by Ted Patton
212 Cherry St., Address Homestead, Pa.
Mineral rights are owned by Flanigan Heirs, Hanes Heirs, Harley E. & Theodore Patton
Drilling commenced December 7, 1964
Drilling completed January 7, 1965
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 800,000 Cu. Ft.
Rock Pressure 750 lbs. 24 hrs.
Oil Slight Show bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED January 20, 1965

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	20'	20'	
13			
10	496'		Size of
8 3/4	1016'		
6 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
4 1/2	2003'	2003'	Perf. bottom

CASING CEMENTED 4 1/2 SIZE 860 No. Ft. 1-9-65 Date
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT Approximately 8 to 10 Million Cubic Feet Gas - 5 BBLs Oil
ROCK PRESSURE AFTER TREATMENT 750
Fresh Water 108 Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	10			
Red Rock			10	38			
Lime			38	55			
Slate			55	105			
Sand			105	120			
Lime			120	135			
Red Rock			135	290			
Grey Slate			290	350			
Lime			350	365			
Red Rock			365	425			
Sand			425	450			
Red Rock			450	485			
Lime			485	555			
Black Lime			555	610			
White Slate			610	690			
Red Rock			690	708			
Slate & Shells			708	721			
Red Rock			721	810			
Lime			810	841			
Sand			841	873			
Red Rock			873	950			
Lime			950	968			
Slate			968	1016			
Sand			1016	1060			
Slate			1060	1090			
Lime			1090	1215			



Formation	Color	Hard or Soft	Top 5	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1215	1275			
Lime			1275	1310			
Slate			1310	1323			
Sand			1323	1351			
Slate			1351	1380			
Sand			1380	1465			
Slate			1465	1607			
Sand			1607	1665			
Black Slate			1665	1755			
Lime			1755	1768			
Slate & Shells			1768	1791			
Little Lime			1791	1822			
Slate			1822	1830			
Big Lime			1830	1904			
Keener Sand			1904	1924			
Sand			1924	1972			
Shale			1972	2003			

Date _____, 19____

APPROVED Harvey L. Stodd, Owner

By _____ (Title)