



MINIMUM ERROR OF CLOSURE 1/500 ±
 SOURCE OF ELEVATION Well No 1, this farm (F. H. Ross) Elev. 1048

New Location X
 Drill Deeper
 Abandonment

"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 Stafford Oil Co., L.N. McCullough, Agt.
 Address Route 1, Pennsboro, W. Va.
 Farm F. H. Ross
 Tract 1 Acres 72 3/4 Lease No. _____
 Well Farm No. 3 Serial No. _____
 Elevation Spirit Level 990
 Quadrangle West Union 50
 County Doddridge District Central
 Engineer Parker E. Peters
 Engineer's Registration No. 485
 File No. _____ Drawing No. _____
 Date JUNE 21, 1963 Scale 1" = 300'

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

WELL LOCATION MAP
 FILE NO. D00-1020

+ 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

Quadrangle West Union

Permit No. DOD-1020

WELL RECORD

Oil or Gas Well Oil

(KIND)

Company Stafford Oil Company
Address Route 1, Pennsboro, West Va. 26415
Farm F. H. Ross Acres 72 3/4
Location (waters) Leason Run
Well No. 3 Elev. 990'
District Central County Doddridge
The surface of tract is owned in fee by Ray H. Richards
Address Greenwood, West Va.

Mineral rights are owned by F. H. Ross Heirs, and Thurman Jones, Jr. Address Greenwood, West Va.

Drilling commenced September 7, 1963
Drilling completed October 3, 1963
Date Shot Oct. 7, 1963 From 2081'-83' to 2090'-92'
With 16 Bullets. 4' Perf. w/4 holes per ft.

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure 50 lbs. lbs. 12 hrs.
Oil slight show bbls., 1st 24 hrs.

WELL ACIDIZED _____

WELL FRACTURED 20,000 lbs. sand. 750 bbl. water. 250 gal. M.C.A. Acid.

RESULT AFTER TREATMENT 15 to 20 bbls. oil per 24 hr. day

ROCK PRESSURE AFTER TREATMENT 200

Fresh Water _____ Feet Salt Water _____ Feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size	Rotary Drilling Rig		Kind of Packer
16			
13			
10			Size of
8 1/2			
7 1/2		65'	Depth set
5 3/16			
4 1/2"		2132'	Perf. top 2081'
2			Perf. bottom 2083'
Liners Used			Perf. top 2090'
			Perf. bottom 2092'

CASING CEMENTED 2132' SIZE 4 1/2" No. Ft. Sept. 3/63 Date
w/70 sks. High Early Cement Lawson

COAL WAS ENCOUNTERED AT None FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand stone & shale	gray	Med. soft	0	50			
Shells & Red Rock	gray-red	Med. soft	50	1155			
Red Rock & Sandy Shale	Red-gray	Med. soft	1155	1475			
Sand-shale	Gray	Med. hard	1475	1722			
Salt sands	Gray	Hard	1722	1849			
Maxon sand	Gray	Hard	1849	1876			
Sandy shale	Green-gray	Med. hard	1876	1926			
Little Lime	White-gray	Hard	1926	1970			
Pencil cave	Brown-black	Med. soft	1970	1992			
Big Lime	White-gray	Hard	1992	2050			
Injun Sand	Gray	Med. hard	2050	2096	Oil		
Shale	Brown	Med. soft.	2096	2132	T. D.		

(over)

