

MINIMUM ERROR OF CLOSURE 1:2000

SOURCE OF ELEVATION ROAD INTER. (1419) 1.14 MI. SOUTH LOCATION. INTER-SECTION  $\frac{1}{2}$ " W. OF LONG.  $80^{\circ} 32' 30''$  &  $\frac{3}{4}$ " N. OF LAT.  $39^{\circ} 40'$

New Location   
 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 J. H. WAGNER DRILLING CO.  
 Address ELDORADO-KAN.  
 Farm GEORGE W. CLARK  
 Tract 1 Acres 237 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1449.8  
 Quadrangle LITTLETON/LITTLETON QUAD.  
 County WETZEL District CLAY  
 Engineer Gordon W. Sammons  
 Engineer's Registration No. 509  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date DEC-5-1965 Scale 1" = 300'

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

WELL LOCATION MAP  
 FILE NO. WET-570

+ 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 13

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Littleton

Permit No. Wet-570

WELL RECORD

Oil or Gas Well Dry  
(KIND)

Company J. H. Wagner Drilling Co.  
Address Box 751, El Dorado, Kansas  
Farm G. W. and Mary Clark Acres 237  
Location (waters) Knob Fork  
Well No. 1 Elev. 1149.8  
District Clay County Wetzel  
The surface of tract is owned in fee by G. W. Clark  
Address Endicott, W. Va.  
Mineral rights are owned by Same  
Address \_\_\_\_\_

Drilling commenced Dec 20, 1965  
Drilling completed Dec 27, 1965  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_

Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.

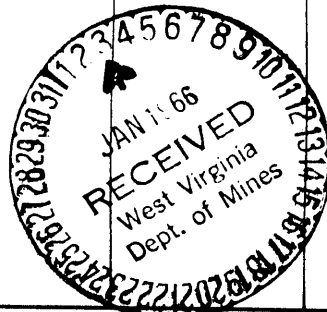
WELL ACIDIZED (DETAILS) \_\_\_\_\_  
WELL FRACTURED (DETAILS) \_\_\_\_\_

RESULT AFTER TREATMENT (Initial open Flow or bbls.) \_\_\_\_\_  
ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_ HOURS  
Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet  
Producing Sand \_\_\_\_\_ Depth \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 3/8	30	30	
10			Size of
8 5/8	1293	400	
6 3/4			Depth set
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record. 25 sacks  
CASING CEMENTED 13-3/8 SIZE 30' No. Ft. 12/20/65 Date  
Amount of cement used (bags) 8-5/8; 1293; 50 sacks; 12/22/65  
Name of Service Co. Lawson Oil Well Cementing Co.  
COAL WAS ENCOUNTERED AT 1170' - 1175' FEET INCHES  
1274' - 1275' FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	100			
Sandstone	White	Soft	100	125			
Sand & Shale	Gray	Soft	125	325			
Sandstone	Gray	Hard	325	397			
Sand & Shale	Gray	Soft	397	512			
Shale	Gray-black	Soft	512	607			
Sand	Gray	Hard	607	617			
Sand & Shale	Gray-green	Soft	617	817			
Sand	Gray	hard	817	837			
Sand & Shale	Gray	Soft	837	1037			
Red Rock		Soft	1037	1070			
Shale	Gray	Soft	1070	1105			
Lime	Gray	Hard	1105	1170			
Coal			1170	1175			
Lime & Shale	Gray-green	Hard	1175	1190			
Lime	Gray	Hard	1190	1225			
Shale & Lime	Gray-green	Hard	1225	1245			
Siltstone	Gray	Hard	1245	1265			
Lime	Gray	Hard	1265	1275			
Coal Pkg		Hard	1275	1276			
Sand	Gray	Soft	1276	1290			
Shale	Red	Soft	1290	1320			
Sand	Gray	Hard	1320	1330			
Siltstone	Red-gray	Soft	1330	1411			
Sand <u>Mudstone</u>	Gray	Hard	1411	1429			
Siltstone	Red	Soft	1429	1495			
Sand	Gray	Hard	1495	1509			
Siltstone	Red	Soft	1509	1546			



Formation	Color	Hard or Soft	Top 13	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand & Shale	Gray	Soft	1546	1575			
Shale	Red	Soft	1575	1594			
Sand & Siltstone	Gray	Red Soft	1594	1650			
Shale & Siltstone	Red-gray	Soft	1650	1762			
Sand	White	Hard	1762	1798			
Siltstone	Gray	Hard	1798	1887			
Sand L.G.S.	White	Hard	1887	1926			
Siltstone	Gray	Hard	1926	1938			
Sandstone	White	Hard	1938	2000			
Shale & Sand	Gray	Hard	2000	2066			
Sand	White	Hard	2066	2110			1 <sup>st</sup> Salt Sands
Siltstone	Gray	Hard	2110	2182			
Sandstone	Gray	Hard	2182	2208			2 <sup>nd</sup> Salt Sands
Siltstone	Gray	Hard	2208	2251			
Sand	Gray	Hard	2251	2280			3 <sup>rd</sup> Salt Sands
Siltstone	Gray	Hard	2280	2410			
Sandstone	Gray	Hard	2410	2431			Maxton
Shale	Dark Gray	Soft	2431	2440	2450		
Sandstone	Gray	Hard	2440	2450	1450		
Limestone	Gray-tan	Hard	2450	2598	1000		Big Lime
Sand & Siltstone	Gray	Hard	2598	2639			
Sand	Gray	Hard	2639	2733			Big Injun
Siltstone	Gray	Hard	2733	2774			
			TOTAL DEPTH	2774			

Date Dec 31, 1965

APPROVED J. H. WAGNER DRILLING CO., Owner

By J. H. M. Co. (Title)