

Location
 Drill Deeper
 Redrill
 Abandonment
 Date 12-6-71

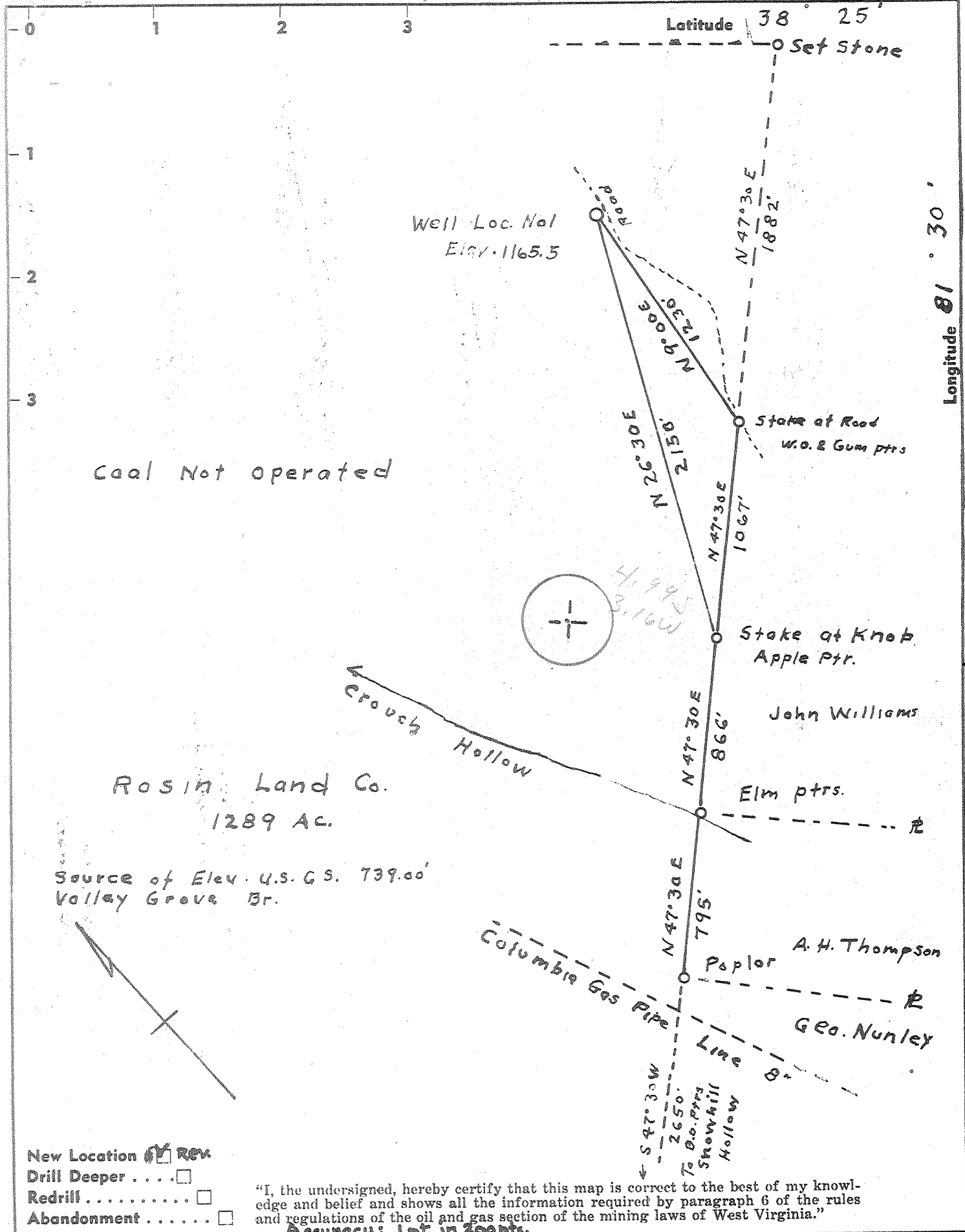
I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Assurance: 1 pt. in 200 ft.

Company Big "B" Drilling Co.
 Address 804 Commerce Square
Charleston, W.Va.
 Farm Rosin Land Co.
 Tract _____ Acres 1289 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 1165.5
 Quadrange Charleston PL
 County Kanawha District Malden
 Engineer Charles O. Verwig
 Engineer's Registration No. 811
 File No. _____ Drawing No. _____
 Date Nov. 2, 1971 Scale 1" = 600'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. KAN-2538-REV.-P

+ 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.
 JAN 4 1972



Coal Not operated

Rosin Land Co.
1289 Ac.

Source of Elev. U.S. G.S. 739.00
Valley Grove Br.

- New Location Rev
- Drill Deeper
- Redrill
- 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."
Accuracy: 1 ft. in 200 ft.

Company <u>Big "B" Drilling Co.</u>	
Address <u>804 Commerce Square</u> <u>Charleston W.Va.</u>	
Farm <u>Rosin Land Co.</u>	
Tract _____	Acres <u>1289</u> Lease No. _____
Well (Farm) No. <u>One</u>	Serial No. _____
Elevation (Spirit Level) <u>1165.5</u>	
Quadrangle <u>Charleston EC</u>	
County <u>Kanawha</u>	District <u>MALDEN Charleston</u>
Engineer <u>Charles O. Herwig</u>	
Engineer's Registration No. <u>811</u>	
File No. _____	Drawing No. _____
Date <u>Nov. 2 1971</u> Scale <u>1" = 600'</u>	

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

WELL LOCATION MAP

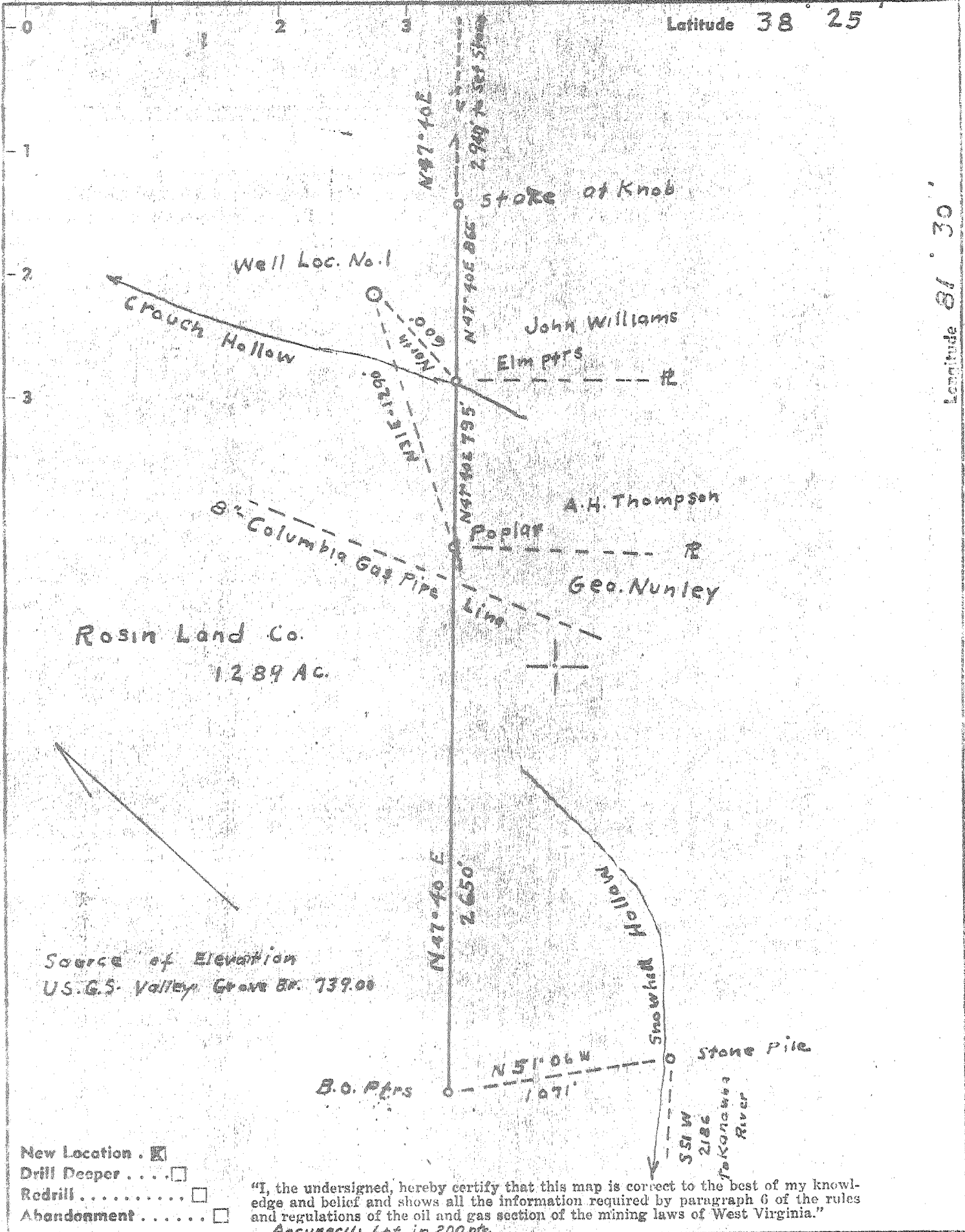
FILE NO. KAN-2538-Rev.

+ 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.

Latitude 38 25

Longitude 81 30



"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."
 Accuracy: 1 ft. in 200 ft.

- New Location
- Drill Deeper
- Redrill
- Abandonment

Company P. B. Drilling Co.
 Address 24 Commerce Square
Charleston W. Va
 Farm Rosin Land Co.
 Tract _____ Acres 1289 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 1116.5
 Quadrangle Charleston IC
 County Kanawha District MAIDEN
 Engineer Charles O. Gerwig
 Engineer's Registration No. 811
 File No. _____ Drawing No. _____
 Date Oct. 20 1971 Scale 1" = 600'

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

WELL LOCATION MAP
 FILE NO. KAN-2538

+ 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.



RECEIVED

DEC 20 1971

STATE OF WEST VIRGINIA OIL & GAS DIVISION
 DEPARTMENT OF MINES
 OIL AND GAS WELLS DIVISION 4

- Rotary
- Spudger
- Cable Tools
- Storage

Quadrangle Charleston
 Permit No. Kan. 2538 Rev.

WELL RECORD

Oil or Gas Well Dry
(KIND)

Company Big "B" Drilling Company
 Address 804 Commerce Sq., Charleston, W. Va.
 Farm Resin Land Company Acres 1289
 Location (waters) _____
 Well No. One (1) Elev. 1181 KB
 District Malden County Kanawha
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced 11/21/71
 Drilling completed 12/5/71
 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) No
 WELL FRACTURED (DETAILS) No

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			
13	63	63	Size of _____
10			Depth set _____
9-5/8	2001	2001	
6 1/2			Perf. top _____
5 3/16			Perf. bottom _____
4 1/2			Perf. top _____
3			Perf. bottom _____
2			
Liners Used _____			

Attach copy of cementing record. 63 11/21/71
 CASING CEMENTED 9-5/8 SIZE 2001 No. Ft. 11/30/71 Da
 Amount of cement used (bags) To surface; 400 ex.
 Name of Service Co. Dowell
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

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

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	10			
Shale & Sand			10	105			
Sand			105	160			
Shale			160	200			
Sand & Shale			200	240			
Shale			240	290			
Sand & Shale			290	310			
Sand			310	350			
Sandy Shale			350	380			
Sand			380	460			
Sandy Shale			460	490			
Sand			490	605			
Sand & Shale			605	650			
Sand			650	780			
Sand & Shale			780	940			

(over)

JAN 4 1972

Formation	Color	Hard or Soft	Top of	Bottom	Oil, Gas or Water	Depth Found	Remarks
Salt Sand			940	1680			
Little Lime - Pencil Cave			1680	1720			
Big Lime			1720	1910			
Big Injun			1910	1945			
Shale			1945	2080			
Wier Horizon			2080	2165			
Shale			2165	2334			
Coffee Shale			2334	2348			
Berea Horizon			2348	2350			
Shale			2350	5130			
Corniferous Limestone			5130	5232			
Oriskany Sandstone			5232	5250			
Limestone & Dolomite			5250	6002			
Newburg Sandstone			6002	6018			
Dolomite - mckenzie			6018	6049			
				6049 TOTAL DEPTH			
			5130	5232	5250		
			1181	1181	1181		
			3949	4051	4069		

Date 12-12 1921
 APPROVED [Signature] Owner
 By Sec-Treas (Title)