



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES,  
Charleston, W. Va.

None  
COAL OPERATOR OR COAL OWNER

Tri State Oil and Gas Company  
NAME OF WELL OPERATOR

ADDRESS

P.O. Box 827, Parkersburg, W.Va.  
COMPLETE ADDRESS

COAL OPERATOR OR COAL OWNER

May 13, 19 46  
PROPOSED LOCATION

ADDRESS

Union District

Cora A. Morris  
OWNER OF MINERAL RIGHTS

Wood County

RFD, Waverly, W.Va.  
ADDRESS

Well No. 1 <sup>390 20'</sup> <sub>810 30'</sub>

Cora A. Morris Farm

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated Oct. 3-1940, made by Cora A. Morris et al, to Tri State Oil & Gas Co., and recorded on the 3, day of April 1945, in the office of the County Clerk for said County in Book 260, page 393.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten\* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day \_\_\_\_\_ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

Tri State Oil and Gas Co.

WELL OPERATOR

3625 Jefferson Street

STREET

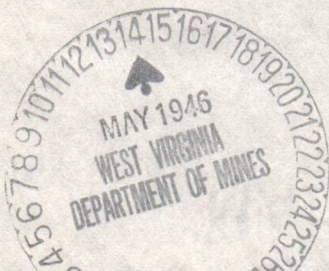
P.O. Bx. 827, Parkersburg,

CITY OR TOWN

West Virginia.

STATE

Address of Well Operator }



12/22/2023

\*Section 3 . . . . If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To The Department of Mines,  
Charleston, W. Va.

NAME OF WELL OPERATOR <u>Tri State Oil and Gas Company</u>	COAL OPERATOR OR COAL OWNER <u>None</u>
COMPLETE ADDRESS <u>P.O. Box 827, Parkersburg, W. Va.</u>	ADDRESS <u></u>
PROPOSED LOCATION <u>May 13 1946</u>	COAL OPERATOR OR COAL OWNER <u></u>
District <u>Union</u>	ADDRESS <u></u>
County <u>Wood</u>	OWNER OF MINERAL RIGHTS <u>Corr A. Morris</u>
Well No. <u>1 819 20</u>	ADDRESS <u>RPD, Waverly, W. Va.</u>
Owner <u>Corr A. Morris</u>	

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas having fee title thereto, (or as the case may be) under grant or lease dated Oct. 3-1940 to Corr A. Morris et al, made by Tri State Oil & Gas Co. and recorded on the 3 day of April 1945 in the office of the County Clerk for said County in Book 260 page 393

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundary of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 8 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective addresses day before day on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

Tri State Oil and Gas Co.  
WELL OPERATOR  
3625 Jefferson Street  
STREET  
P.O. Bx. 827, Parkersburg,  
CITY OR TOWN  
West Virginia,  
STATE

Address  
of  
Well Operator



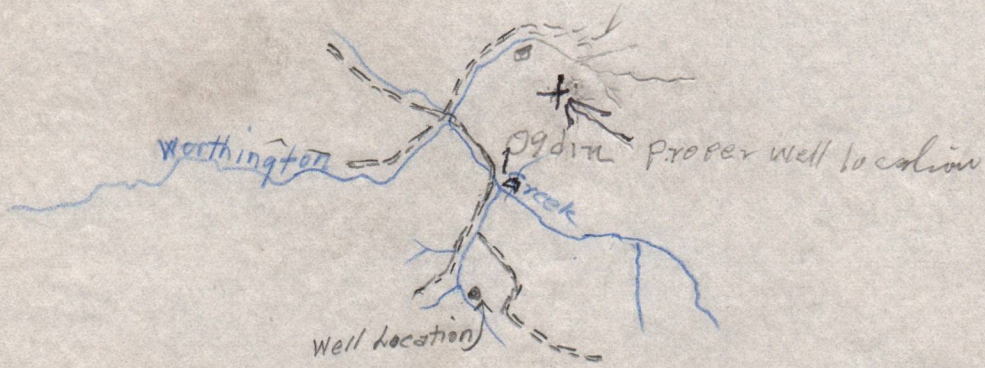
12/22/2023

Section 8. If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, for said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereon by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

A-2

W00-207  
RU

39° 20'



02-18

*OK*

*Advice, Low close to stream in this location*

JR3

Dear Mr. Blackburn:-

Above I have marked an X as the proper location

of Well No. 1 on the Cora E. Morris 40 acre lease held by the Tri-State Oil & Gas Co. of W. VA. I always spot my wells on the topo sheet by a black dot, the location of which is indicated by the X above.

There are no roads, buildings or streams on this tract, except a wet weather stream near the northeast corner.

I have been trying to figure out how I made the error in locating the X and have come to the conclusion that I must have placed the north line of the tract of land, (which runs nearly east and west) upon the Latitude line 39°20', instead of placing the latitude line of the map upon it. I did not keep a copy but you can test it out and see if that is the case. We are so crowded with work that it is a wonder that we do not make more mistakes than we do. By using a scale of 5000 feet to the inch on the topo sheet, and measuring northeast from Ogdin you will find the location about 2500, and about 500 feet west of the forks of a ravine. I will thank you to make proper correction on the map.

Very truly yours,

*J. E. Anderson* 12/22/2023

W 00 00 W  
100 00 W

100 00 W



*[Red handwritten mark]*

Address has been to stream in the ravine  
100 00 W

Dear Mr. Blackburn: - Above I have marked an X as the proper location

of Well No. 1 on the Gore E. Morris 40 acre lease held by the Tri-State Oil & Gas Co. of W. VA. I always spot my wells on the topo sheet by a black dot, the location of which is indicated by the X above. There are no roads, buildings or streams on this tract, except a wet weather stream near the northeast corner. I have been trying to figure out how I made the error in locating the X and have come to the conclusion that I must have placed the north line of the tract of land, (which runs nearly east and west) upon the Latitude line 39° 20', instead of placing the latitude line of the map upon it. I did not keep a copy but you can test it out and see if that is the case. We are so crowded with work that it is a wonder that we do not make more mistakes than we do. By using a scale of 5000 feet to the inch on the topo sheet, and measuring northeast from Ogden you will find the location about 2500, and about 500 feet west of the forks of a ravine. I will thank you to make proper correction on the map.

Very truly yours,  
*[Signature]*

12/22/2023

A-10



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
CHARLESTON

G. R. SPINDLER  
~~Jesse Brown~~  
CHIEF

May 14, 1946

Mr. J. E. Anderson, Surveyor  
R. F. D.  
Parkersburg, West Virginia

Dear Mr. Anderson:

Referring to your tracing showing the location of well No. 1 on the Cora E. Morris farm for the Tri-State Oil and Gas Company of West Virginia, there are no roads or streams shown to check with the latitude and longitude location on the topographic sheet. This location places the well near the forks of a branch off Worthington Creek as per enclosed sketch. If this is the correct location, please advise at once and we will make this addition to the tracing in this office.

Let me suggest that you use a smaller scale when possible as it will allow more space for these features.

Very truly yours,

*J. P. Jackson*  
Engineer  
OIL AND GAS DIVISION





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
CHARLESTON

G. H. SPINLER  
[Redacted]

May 14, 1916

Mr. W. B. Anderson, Surveyor  
R. F. D.  
Martinsburg, West Virginia

Dear Mr. Anderson:

Referring to your showing showing the  
location of well No. 1 on the Cole L. Morris farm for  
the Tri-State Oil and Gas Company of West Virginia, there  
are no roads or streams shown to connect with the latter  
and therefore location on the topographic sheet. This  
location places the well near the fork of a branch off  
Northampton Creek as per enclosed sketch. If this is the  
correct location, please advise at once and we will make  
this addition to the filing in this office.

Let me suggest that you use a smaller  
contour interval in all other maps made for these  
features.

Very truly yours,

Engineer  
OIL AND GAS DIVISION

W.B.K.  
Encl.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

*Marietta*

WELL RECORD

Permit No. W00-207

Oil or Gas Well Oil & Gas  
(KIND)

Company Tri State Oil and Gas Company  
 Address P.O. Box 827, Parkersburg, W.Va.  
 Farm Cora A. Morris Acres 40  
 Location (waters) Worthington Creek  
 Well No. 1 Elev. 764  
 District Union County Wood  
 The surface of tract is owned in fee by Cora A. Morris  
 Address R.D. Waverly, W.Va.  
 Mineral rights are owned by Cora A. Morris  
RFD Address Waverly, W.Va.  
 Drilling commenced September 16-1946  
 Drilling completed November 27-1946  
 Date Shot From To  
 With  
 Open Flow 44 /10ths Water in 2 Inch  
 /10ths Merc. in Inch  
 Volume 315,000 Cu. Ft.  
 Rock Pressure lbs. hrs.  
 Oil 15 bbls., 1st 24 hrs.  
 Fresh water 35' feet feet  
 Salt water 1630' feet (Hole Full) feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	<u>413'</u>	-----	Size of
8 1/4	<u>1080'</u>	-----	
6 5/8	<u>1152'</u>	<u>1152'</u>	Depth set
5 3/16	<u>1757' 11"</u>	<u>1757' 11"</u>	
3			Perf. top
2		<u>2153'</u>	Perf. bottom
Liners Used	<u>None</u>		Perf. top <u>2132</u>
			Perf. bottom <u>2135</u>

No CASING CEMENTED SIZE No. Ft. Date  
No COAL WAS ENCOUNTERED AT FEET INCHES  
 FEET INCHES FEET INCHES  
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Top Soil	Reddish	Soft	0	14			12' Conducto:
Red Rock, Lime & Slate	Red	Soft	14	409' 6"	Fresh Water	35' Run 10" Csg. @ 409	
Lime	Gray	Med.	409' 6"	411'			
Red Rock	Red	Soft	411'	485'			
Shells	Gray	Med	485'	525'			
Sand	White	Med	525'	545'			
Lime	Gray	Med	545'	560'			
Red Rock	Red	Soft	560'	580'			
Slate	Slate	Soft	580'	603'			
Red Rock	Red	Soft	603'	745'			
Slate	Slate	Soft	745'	757'			
Red Rock	Red	Soft	757'	770'			
Lime	Gray	Med	770'	812'			
Slate	Slate	Soft	812'	824'			
Pink Rock	Pink	Soft	824'	834'			
Sand	White	Med	834'	849'			
Slate	Slate	Soft	849'	882'			
Red Rock	Red	Soft	882'	930'	(Little Red)		
Slate	Slate	Soft	930'	950'			
Sand	White	Med	950'	965'			
Slate	Slate	Soft	965'	986'			
Boulder	Black	Hard	986'	992'			
Slate	Black	Soft	992'	1010'			
Pink Rock	Pink	Soft	1010'	1018'			
Sand	White	Med	1018'	1040'	(Big Bunkard)		
Slate	Slate	Soft	1040'	1075'			
Lime	Gray	Med	1075'	1140'	Run 1080'	8 1/4" Casing	
Lime & Shells	Gray	Med	1140'	1230'	Run 1152'	6 5/8" Casing	
Sand	Gray	Med	1230'	1265'			
Slate & Shells	Gray	Med	1265'	1362'			
Sand	White	Med	1362'	1380'			
Slate & Shells	Gray	Med	1380'	1430'			
Slate	Slate	Soft	1430'	1445'			
Sand	White	Med	1445'	1485'			
Slate	Slate	Soft	1485'	1488'			
Sand	White	Med	1488'	1558'			



12/22/2023



DEPARTMENT OF MINES

APPROVED Tri State Oil & Gas Co. Owner  
By W. J. ... (Title)  
Date December 12, 1946

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	White	Med	1558	1606		1606	
Sand	White	Med	1560	1722		1606	
Sand & Lime	Gray	Hard	1722	1741	Water-Hole	1741	(Maxton) (Big Injurn)
Lime	Hard	Med. to Hard	1741	1818	Run 5 3/16"	1741	
Lime	Slate	Soft	1818	1840		1818	
Lime	Black	Hard	1840	1946		1840	
Slate	Slate	Soft	1946	1949		1946	
Lime	Black	Hard	1949	2016		1949	
Slate	Slate	Soft	2016	2050		2016	
Lime	Black	Hard	2050	2054		2050	
Lime	Black	Hard	2054	2059		2054	
Slate	Slate	Med	2059	2070		2059	
Lime, Broken	Black	Hard	2070	2084		2070	
Coffee Shale	Black	Soft	2084	2108		2084	
Sand, Berea	Gray	Hard to Soft	2108	2138	Gas	2108	Steel Line at 2108.
Slate	Blue	Soft	2138	2139		2138	
Slate	White	Med	2139	2151		2139	
Slate	White	Med	2151	2152		2151	
Slate	White	Med	2152	2153		2152	
Slate	White	Med	2153	2154		2153	
Slate	White	Med	2154	2155		2154	
Slate	White	Med	2155	2156		2155	
Slate	White	Med	2156	2157		2156	
Slate	White	Med	2157	2158		2157	
Slate	White	Med	2158	2159		2158	
Slate	White	Med	2159	2160		2159	
Slate	White	Med	2160	2161		2160	
Slate	White	Med	2161	2162		2161	
Slate	White	Med	2162	2163		2162	
Slate	White	Med	2163	2164		2163	
Slate	White	Med	2164	2165		2164	
Slate	White	Med	2165	2166		2165	
Slate	White	Med	2166	2167		2166	
Slate	White	Med	2167	2168		2167	
Slate	White	Med	2168	2169		2168	
Slate	White	Med	2169	2170		2169	
Slate	White	Med	2170	2171		2170	
Slate	White	Med	2171	2172		2171	
Slate	White	Med	2172	2173		2172	
Slate	White	Med	2173	2174		2173	
Slate	White	Med	2174	2175		2174	
Slate	White	Med	2175	2176		2175	
Slate	White	Med	2176	2177		2176	
Slate	White	Med	2177	2178		2177	
Slate	White	Med	2178	2179		2178	
Slate	White	Med	2179	2180		2179	
Slate	White	Med	2180	2181		2180	
Slate	White	Med	2181	2182		2181	
Slate	White	Med	2182	2183		2182	
Slate	White	Med	2183	2184		2183	
Slate	White	Med	2184	2185		2184	
Slate	White	Med	2185	2186		2185	
Slate	White	Med	2186	2187		2186	
Slate	White	Med	2187	2188		2187	
Slate	White	Med	2188	2189		2188	
Slate	White	Med	2189	2190		2189	
Slate	White	Med	2190	2191		2190	
Slate	White	Med	2191	2192		2191	
Slate	White	Med	2192	2193		2192	
Slate	White	Med	2193	2194		2193	
Slate	White	Med	2194	2195		2194	
Slate	White	Med	2195	2196		2195	
Slate	White	Med	2196	2197		2196	
Slate	White	Med	2197	2198		2197	
Slate	White	Med	2198	2199		2198	
Slate	White	Med	2199	2200		2199	
Slate	White	Med	2200	2201		2200	
Slate	White	Med	2201	2202		2201	
Slate	White	Med	2202	2203		2202	
Slate	White	Med	2203	2204		2203	
Slate	White	Med	2204	2205		2204	
Slate	White	Med	2205	2206		2205	
Slate	White	Med	2206	2207		2206	
Slate	White	Med	2207	2208		2207	
Slate	White	Med	2208	2209		2208	
Slate	White	Med	2209	2210		2209	
Slate	White	Med	2210	2211		2210	
Slate	White	Med	2211	2212		2211	
Slate	White	Med	2212	2213		2212	
Slate	White	Med	2213	2214		2213	
Slate	White	Med	2214	2215		2214	
Slate	White	Med	2215	2216		2215	
Slate	White	Med	2216	2217		2216	
Slate	White	Med	2217	2218		2217	
Slate	White	Med	2218	2219		2218	
Slate	White	Med	2219	2220		2219	
Slate	White	Med	2220	2221		2220	
Slate	White	Med	2221	2222		2221	
Slate	White	Med	2222	2223		2222	
Slate	White	Med	2223	2224		2223	
Slate	White	Med	2224	2225		2224	
Slate	White	Med	2225	2226		2225	
Slate	White	Med	2226	2227		2226	
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Slate	White	Med	2228	2229		2228	
Slate	White	Med	2229	2230		2229	
Slate	White	Med	2230	2231		2230	
Slate	White	Med	2231	2232		2231	
Slate	White	Med	2232	2233		2232	
Slate	White	Med	2233	2234		2233	
Slate	White	Med	2234	2235		2234	
Slate	White	Med	2235	2236		2235	
Slate	White	Med	2236	2237		2236	
Slate	White	Med	2237	2238		2237	
Slate	White	Med	2238	2239		2238	
Slate	White	Med	2239	2240		2239	
Slate	White	Med	2240	2241		2240	
Slate	White	Med	2241	2242		2241	
Slate	White	Med	2242	2243		2242	
Slate	White	Med	2243	2244		2243	
Slate	White	Med	2244	2245		2244	
Slate	White	Med	2245	2246		2245	
Slate	White	Med	2246	2247		2246	
Slate	White	Med	2247	2248		2247	
Slate	White	Med	2248	2249		2248	
Slate	White	Med	2249	2250		2249	
Slate	White	Med	2250	2251		2250	
Slate	White	Med	2251	2252		2251	
Slate	White	Med	2252	2253		2252	
Slate	White	Med	2253	2254		2253	
Slate	White	Med	2254	2255		2254	
Slate	White	Med	2255	2256		2255	
Slate	White	Med	2256	2257		2256	
Slate	White	Med	2257	2258		2257	
Slate	White	Med	2258	2259		2258	
Slate	White	Med	2259	2260		2259	
Slate	White	Med	2260	2261		2260	
Slate	White	Med	2261	2262		2261	
Slate	White	Med	2262	2263		2262	
Slate	White	Med	2263	2264		2263	
Slate	White	Med	2264	2265		2264	
Slate	White	Med	2265	2266		2265	
Slate	White	Med	2266	2267		2266	
Slate	White	Med	2267	2268		2267	
Slate	White	Med	2268	2269		2268	
Slate	White	Med	2269	2270		2269	
Slate	White	Med	2270	2271		2270	
Slate	White	Med	2271	2272		2271	
Slate	White	Med	2272	2273		2272	
Slate	White	Med	2273	2274		2273	
Slate	White	Med	2274	2275		2274	
Slate	White	Med	2275	2276		2275	
Slate	White	Med	2276	2277		2276	
Slate	White	Med	2277	2278		2277	
Slate	White	Med	2278	2279		2278	
Slate	White	Med	2279	2280		2279	
Slate	White	Med	2280	2281		2280	
Slate	White	Med	2281	2282		2281	
Slate	White	Med	2282	2283		2282	
Slate	White	Med	2283	2284		2283	
Slate	White	Med	2284	2285		2284	
Slate	White	Med	2285	2286		2285	
Slate	White	Med	2286	2287		2286	
Slate	White	Med	2287	2288		2287	
Slate	White	Med	2288	2289		2288	
Slate	White	Med	2289	2290		2289	
Slate	White	Med	2290	2291		2290	
Slate	White	Med	2291	2292		2291	
Slate	White	Med	2292	2293		2292	
Slate	White	Med	2293	2294		2293	
Slate	White	Med	2294	2295		2294	
Slate	White	Med	2295	2296		2295	
Slate	White	Med	2296	2297		2296	
Slate	White	Med	2297	2298		2297	
Slate	White	Med	2298	2299		2298	
Slate	White	Med	2299	2300		2299	

13-2





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. W00-207

Oil or Gas Well Oil & Gas  
(KIND)

Company Tri State Oil and Gas Company  
Address P.O. Box 827, Parkersburg, W.Va.  
Farm Cora A. Morris Acres 40  
Location (waters) Worthington Creek  
Well No. 1 Elev. 764  
District Union County Wood  
The surface of tract is owned in fee by Cora A. Morris Address R.D. Waverly, W.Va.  
Mineral rights are owned by Cora A. Morris Address Waverly, W.Va.  
Drilling commenced September 16-1946  
Drilling completed November 27-1946  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow 44 /10ths Water in \_\_\_\_\_ 2 Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume 315,000 Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil 15 bbls., 1st 24 hrs.  
Fresh water 35' feet \_\_\_\_\_ feet  
Salt water 1630' feet (Hole Full) feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	<u>413'</u>	-----	Size of
8 1/4	<u>1080'</u>	-----	
6 5/8	<u>1152'</u>	<u>1152'</u>	Depth set
5 3/16	<u>1757' 11"</u>	<u>1757' 11"</u>	
3			Perf. top
2		<u>2153'</u>	Perf. bottom
Liners Used	<u>None</u>		Perf. top <u>2132</u>
			Perf. bottom <u>2135</u>

No CASING CEMENTED SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
No COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Top Soil	Reddish	Soft	0	14			12' Conductor
Red Rock, Lime & Slate	Red	Soft	14	409' 6"	Fresh Water	35' Run	10" Csg. @ 409'
Lime	Gray	Med.	409' 6"	411'			
Red Rock	Red	Soft	411'	485'			
Shells	Gray	Med	485'	525'			
Sand	White	Med	525'	545'			
Lime	Gray	Med	545'	560'			
Red Rock	Red	Soft	560'	580'			
Slate	Slate	Soft	580'	603'			
Red Rock	Red	Soft	603'	745'			
Slate	Slate	Soft	745'	757'			
Red Rock	Red	Soft	757'	770'			
Lime	Gray	Med	770'	812'			
Slate	Slate	Soft	812'	824'			
Pink Rock	Pink	Soft	824'	834'			
Sand	White	Med	834'	849'			
Slate	Slate	Soft	849'	882'			
Red Rock	Red	Soft	882'	930'	(Little Red)		
Slate	Slate	Soft	930'	950'			
Sand	White	Med	950'	965'			
Slate	Slate	Soft	965'	986'			
Boulder	Black	Hard	986'	992'			
Slate	Black	Soft	992'	1010'			
Pink Rock	Pink	Soft	1010'	1018'			
Sand	White	Med	1018'	1040'	(Big Bankard)		
Slate	Slate	Soft	1040'	1075'			
Lime	Gray	Med	1075'	1140'	Run 1080'	8 1/2" Casing	
Lime & Shells	Gray	Med	1140'	1230'	Run 1152'	6 5/8" Casing	
Sand	Gray	Med	1230'	1265'			
Slate & Shells	Gray	Med	1265'	1362'			
Sand	White	Med	1362'	1380'			
Slate & Shells	Gray	Med	1380'	1430'			
Slate	Slate	Soft	1430'	1445'			
Sand	White	Med	1445'	1485'			
Slate	Slate	Soft	1485'	1488'			
Sand	White	Med	1488'	1558'			

12/22/2023



APPROVED *A. J. [Signature]*  
 By \_\_\_\_\_ (Title)  
 Owner \_\_\_\_\_  
 Date December 12, 1946

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	White	Soft	1588	1560		1560	
Sand	White	Med	1560	1606		1606	
Sand	Grey	Hard	1606	1722		1722	(Maxton)
Slate & Lime	Grey	Med. to Hard	1722	1741	Water-hole full 5/16" casing	1741	(M&E Injurn)
Lime	Black	Hard	1741	1818		1818	
Slate	Black	Soft	1818	1840		1840	
Lime	Black	Hard	1840	1946		1946	
Slate	Black	Soft	1946	1949		1949	
Lime	Black	Hard	1949	2016		2016	
Slate	Black	Soft	2016	2050		2050	
Lime	Black	Hard	2050	2054		2054	
Slate	Black	Med	2054	2059		2059	
Lime	Black	Hard	2059	2070		2070	
Lime, Broken	Black	Hard	2070	2084		2084	
Oolites Shale	Black	Soft	2084	2108		2108	
Sand, Berea	Grey	Hard to soft	2108	2138		2138	
Slate	Blue	Soft	2138	2139	Gas	2138-2139	Steel line at 2108.

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