



New Location
 Drill Deeper
 Abandonment

Company **OLE COLONY DEVELOPMENT CO**
 Address **Box 158, West Union, W. Va.**
 Farm **Summers and Smith**
 Tract _____ Acres **180** Lease No. _____
 Well (Farm) No. **One** Serial No. _____
 Elevation (Spirit Level) **827'**
 Quadrangle **West Union SE**
 County **Doddridge** District **WEST UNION**
 Engineer *W. H. [Signature]*
 Engineer's Registration No. **1227**
 File No. _____ Drawing No. _____
 Date **Oct 1961** Scale **1" = 40p.**

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

WELL LOCATION MAP

FILE NO. **Dod-653**

+ Denotes location of well on United States Topographic Maps, scale 1 to _____ 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 3

Quadrangle West Union

Permit No. 100-653

WELL RECORD

Oil or Gas Well Gas

Company Ole Colony Development Company
Address Box 158, West Union, W. Va.
Farm F. L. Summers Acres 180
Location (waters) Piggin Run
Well No. 1 Elev. 827
District West Union County Doddridge
The surface of tract is owned in fee by F. L. Summers
Address Salem, W. Va.
Mineral rights are owned by F. L. Summers and Lincoln Smith
Address Salem, West Union, W. Va.
Drilling commenced 11/10/61
Drilling completed 12/19/61
Date Shot From To
With
Open Flow 13.5 /10ths Water in 2" Inch
Volume 1,750,000 Cu. Ft.
Rock Pressure 440 lbs. 18 hrs.
Oil None bbls., 1st 24 hrs.
WELL ACIDIZED 500 gals ahead of frac.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
<u>8 5/8</u>	<u>205'</u>		Depth set
<u>7"</u>	<u>860'</u>		Perf. top <u>1824'</u>
<u>5 3/16</u>			Perf. bottom <u>1850'</u>
<u>4 1/2</u>		<u>1939'</u>	Perf. top
<u>2</u>			Perf. bottom
Liners Used			

CASING CEMENTED 4 1/2 SIZE 1939 No. Ft. 12/19/61 Date
Dowell cemented. 4 sks aquagel-50 sks cement.
COAL WAS ENCOUNTERED AT None FEET INCHES
FEET INCHES FEET INCHES
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WELL FRACTURED 700 Bbls water
40,000 lbs. sand.
RESULT AFTER TREATMENT 1,750,000 cu ft.
ROCK PRESSURE AFTER TREATMENT 440 lbs
Fresh Water 45-50 Feet Salt Water Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Rock	0'	10'					
Sandy Gravel	10	30					
Red Rock	30	45					
Sand	45	50					
Red Rock	50	70					
Red Rock-Slate	70	102					
" " "	102	140					
Sand	140	155					
Sand	155	170					
Shale	170	190					
Red Rock	190	194					
" "	194	200					
Slate-Sand	200	205					
Lime-Sand	205	240					
Slate	240	245					
Sand	245	260					
Red Rock	260	295					
Shale	295	297					
Slate	297	350					
Slate	350	360					
Sand	360	375					

Formation	Color	Hard or Soft	Top 3	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale-Slate	375	385	Sand	1260	1287		
Red Rock	385	415	Sand	1287	1334		
Sand Lime	415	425	Slate	1334	1355		
Slate	425	435	Sand	1355	1375		
Slate	435	442	Slate	1375	1418		
Lime(hard)	442	450	Sand	1418	1423		
Lime	450	480	Slate w/ Sand	1423	1440		
Slate-Lime	480	505	Sand #440	1440	1450		
Shale	505	514	Sand-Slate	1450	1467		Slight show of oil
Slate-Shale	514	540	Sand-Slate	1467	1510		
Lime	540	557	" "	1510	1515		
Slate	557	565	Sand	1515	1549		
Lime	565	585	Slate	1549	1568		
Slate	585	605	Sand-Slate	1568	1594		
Red Rock	605	620	Sand	1594	1639		
Lime	620	653	Sand	1639	1655		
Lime	653	680	Sand-Slate	1655	1701		1701-1714 Pencil Cave
Red Rock	680	695	Shale	1701	1714		Pencil Cave had to cement with 50 sks. & drill out.
Slate	695	700	Sandy Shale	1714	1728		Top of Big Lime
Slate	700	731	Dark hard Lime	1728	1733		
Slate	731	766	Brown Lime	1733	1743		
Slate	766	770	" "	1743	1756		
Red Rock	770	795	Brown Lime	1756	1788		Top of Keener
" "	795	810	Limy Sand	1788	1808		Top of Big Injun
" "	810	820	Big Injun Sand	1808	1854		
Red Rock	820	860	Shale	1854	1864		
Lime	860	875	Shaley Lime	1864	1870		
Slate	875	890	& Sand				
Slate	890	895	Hard Sand	1870	1900		
Lime	895	915	Sand	1900	1934		
Broken Lime	915	920	"	1934	1944		
Slate	920	954	Slate	1944	1955		
Sand	954	969	Shaley Sand	1955	1963		
Lime	969	981	Shale	1963	1973		
Sand	981	995	T.D.	1973			
Slate	995	1027					
Lime	1027	1047					
Sand	1047	1055					
Slate	1055	1056					
Lime	1056	1100					
Sand	1100	1125					
Sand	1125	1135					
Slate	1135	1162					
Slate	1162	1197					
Lime	1197	1217					
Sandy Lime	1217	1260					

Date January 26, 1962, 19__

APPROVED Ole Colony Development Company, Owner

By H.T. Patterson, Superintendent
(Title)