

0.62 S
~~4.49 W~~
 4.44 - W

WORKOVER 8/58
 New Location X
 Drill Deeper
 Abandonment
 0.63 S
 4.51 W
 Vol. VI, 862

LOC. 0.2 M. S.W. OF NEW ERA

Company COLUMBIAN CARBON CO.
 Address BOX 873 CHARLESTON W. VA.
 Farm J. W. SAYRE ET AL
 Tract Acres 161 Lease No. T-2256
 Well (Farm) No. 1 Serial No. GW-739
 Elevation (Spirit Level) 802.9
 Quadrangle RIPLEY N.W. 5-C
 County JACKSON District DAVENSWOOD
 Engineer [Signature]
 Engineer's Registration No. 772
 Title No. Drawing No. 254
 Date FEB. 21, 1944 Scale 1" = 660'

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

WELL LOCATION MAP

FILE NO. JAC-469-W

+ 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.

Samples New Drick Stages Deep Well

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Jac 469		Gas Well
Ripley N.W. Quad.		CASING & TUBING
Company	Columbian Carbon Company	
Address	Box 873, Charleston, 23, W.Va.	16 42# 94 Same
Farm	J.W. Sayre et al Acres 161	133/8 48# 845'1 Pld.
Location	Copper Fork of Sand Creek	10 40# 1398'3 Pld.
Well No	1 (GW-739) Elev. 805.4 DF	8 24# 2149'1 Pld.
District	Ravenswood Jackson County	6 5/8 24# 4953'4 Same
Surface	R. A. Thompson, Sandyville, W.Va.	2 3/8 4# 5115'6 Same
Mineral	J. W. Sayre et al (for further addresses contact Columbian Carbon)	3 1/2 9.7# 86'4 Same
Commenced	3-23-44	NO PACKER
Completed	7-27-44	
Date shot	7-28-44 Depth 5010' to 5050' with 400# 80% Gelatin	
Volume	260,000 C.F.	
Rock Pressure	1560 lbs. 4 1/2 days	
Oil	5016' show	
Fresh Water	160' 1/2-16" blr; 412' 2-16" blrs. 688' H.F.; 1240' 1/2 Blr. 2 hr. 1430' 1/2 10" blr.	
Salt Water	1766' H.F.	

Red Rock	0	90	Slate	1676	1740
Blue Slate	90	103	Sand	1740	1755
Red Rock	103	127	Slate	1755	1763
Blue Slate	127	143	-Salt Sand	1763	1831
Red Rock	143	160	Slate	1831	1874
Blue Slate	160	170	Lime - <i>Big Line</i>	1874	1940
Red Rock	170	205	Sand <i>Iron</i>	1940	2106
Sand	205	225	Slate	2106	2143
Red Rock	225	260	Sand - <i>souaw</i>	2143	2155
White Slate	260	265	Slate & Shells	2155	2216
Red Rock	265	300	Sand - <i>WEIR?</i>	2216	2240
White Slate	300	335	Slate & Shells	2240	2455
Red Rock	335	345	-Brown Shale	2455	2467
Sand	345	349	-Berea Shells	2467	2472
White Slate	349	360	Slate & Shells	2472	2783
Red Rock	360	389	Sand	2783	2815
Sand	389	436	Slate & Shells	2815	3970
Slate	436	494	Brown Shale	3970	4231
Red Rock	494	535	White Slate	4231	4690
Blue Slate	535	638	Brown Shale	4690	4780
Sand - <i>18 Pts. Sand</i>	638	720	White Slate	4780	4810
Slate	720	738	Brown Shale	4810	4878
Red Rock	738	760	-SLM Corniferous Lime - <i>410'</i>	4878	5010
Shell	760	SLM 764	Oriskany	5010	5058
Slate	764	810	Lime Break	5058	5062
Red Rock	810	815	Oriskany	5062	5080
Slate	815	820	Lime	5080	5092SLM
Lime	820	827	TOTAL DEPTH 5092' SLM-5091	DLM	
Slate	827	870			
Sand	870	885	PAYS: 5016-20'; 5026-31'		
Slate	885	890	Gas show 2467-72'		
Red Rock	890	905	Oil show 5016'		
Sand	905	915			
Red Rock	915	941	CEMENT RECORD: 4-14-44 ; 13 3/8" casing.		
Slate	941	1023	Ran 19 sacks aquagel and 50# Fibrotex.		
Coal	1023	1025	Circulation while mixing. No returns.		
Slate	1025	1105	4-24-44 Pulled 13" casing and re-ran with		
Red Rock	1105	1123	19 sacks aquagel and 50# Fibrotex. Cir-		
Slate	1123	1172	ulation while mixing. No returns.		
Red Rock	1172	1200	5-3-44 Pulled 13" casing second time and		
Sand	1200	1250	re-ran with 21 sacks aquagel and 50# Fibro		
Slate	1250	1363	tex. No returns. Circulation while mix-		
Sand	SLM 1363	1396	ing.		
Slate	1396	1425	5-11-44 10 1/2" casing. Ran 23 sacks aquagel		
Sand	1425	1490	and 50# Fibrotex. No circulation or returns.		
Slate	1490	1580	6-2-44 8 5/8" casing. Ran 26 sacks Aquagel		
Sand	1580	1610	and 50# Fibrotex. Cir. while mixing. Ret. 1860.		
Slate	1610	1632	7-10-44 6 5/8" casing. Ran 60 bgs. aqua. &		
Sand	1632	1676	50# Fibrotex. Cir. and returns 2500'. C.C.Co. Crew.		



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL AND GAS DIVISION

---R E - D R I L L ---

WELL RECORD

Quadrangle Ripley

Permit No. JAC-469 -Redrill

Oil or Gas Well Storage
(KIND)

Company United Fuel Gas Company
Address P.O. Box 1273; Charleston 25, W. Va.
Farm J. W. Sayre Acres 115

Location (waters) Copper Fork
Well No. X-59-7350 Elev. 802.9
District Ravenswood County Jackson

The surface of tract is owned in fee by _____
Address _____

Mineral rights are owned by B. Darrell Sayre, & James O. Sayre
Jackson Co. Bank Address Ravenswood, W. Va.

Drilling commenced _____
Drilling completed Shut in 8-7-58
Date Shot _____ From _____ To _____
With _____

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch

Volume Storage Observation Well Cu. Ft. _____

Rock Pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

WELL ACIDIZED _____

WELL FRACTURED _____

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet Salt Water _____ Feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			
13 3/8		81'	Size of _____
10			Depth set _____
8 1/4			
6 3/4			
5 3/16			
3 4"		4987'	Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

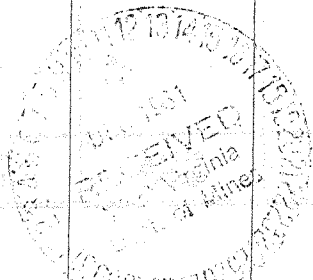
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 1023 FEET 24 INCHES

_____ FEET _____ INCHES FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	90			
Blue Slate			90	103	Gas show 2467-2472'		
Red Rock			103	127			
Blue Slate			127	143	Gas pay 5016-5020' and 5026-5031'		
Red Rock			143	160			
Blue Slate			160	170	Test before acidized - show		
Red Rock			170	205	Acidized 7-30-58 with 2000 gallons MCA		
Sand			205	225	Test after acidized - show		
Red Rock			225	260			
White Slate			260	265	Storage Observation Well		
Red Rock			265	300			
White Slate			300	335			
Red Rock			335	345	4878	5010	5080
Sand			345	349			
White Slate			349	360			
Red Rock			360	389			
Sand			389	436			
Slate			436	494			
Red Rock			494	535			
Blue Slate			535	638			
Sand - 12' P.H.S.			638	720			
Slate			720	738			
Red Rock			738	760			
Shell			760	764			
Slate			764	810			
Red Rock			810	815			
Slate			815	820			
Lie			820	827			
Slate			827	870			
Sand			870	885			



Formation	Color	Hard or Soft	Top 8	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			885	890			
Red Rock			890	905			
Sand			905	915			
Red Rock			915	941			
Slate			941	1023			
✓ Coal			1023	1025			
Slate			1025	1105			
Red Rock			1105	1123			
Slate			1123	1172			
Red Rock			1172	1200			
Sand			1200	1250			
Slate			1250	1363			
Sand			1363	1396			
Slate			1396	1425			
Sand			1425	1490			
Slate			1490	1580			
Sand			1580	1610			
Slate			1610	1632			
Sand			1632	1676			
Slate			1676	1740			
Sand			1740	1755			
Slate			1755	1763			
✓ Salt Sand			1763	1831			
Slate			1831	1874			
✓ Lime - <i>Big lime</i>			1874	1940			
✓ Sand - <i>Thin</i>			1940	2106			
Slate			2106	2143			
✓ Sand - <i>Squaw</i>			2143	2155			
Slate & Shells			2155	2216			
Sand			2216	2240			
Slate & Shells			2240	2455			
✓ Brown Shale			2455	2467			
✓ Berea Shells			2467	2472			
Slate & Shells			2472	2783			
Sand			2783	2815			
Slate & Shells			2815	3970			
Brown Shale			3970	4231			
White Slate			4231	4690			
Brown Shale			4690	4780			
White Slate			4780	4810			
Brown Shale			4810	4878			
Corniferous Lime		<i>403</i>	4878	5010			
Oriskany			5010	5058			
✓ Lime Break			5058	5062			
Oriskany			5062	5080			
Lime			5080	5092			
Total Depth			5092				

485

Date..... December 8, 19 61

APPROVED UNITED FUEL GAS COMPANY, Owner

By *A. K. Farrell*
(Title)

Supt., Civil Engineering Dept.