

8025-1005 DR-OR

W.L. Taylor

- 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 CITIES SERVICE OIL COMPANY

Address BOX 873, CHARLESTON, W.VA

Farm W. L. TAYLOR

Tract 20 Acres 43 Lease No. _____

Well (Farm) No. 9-W Serial No. _____

Elevation (Spirit Level) 1079.11

Quadrangle WALTON 4 S479 W098

County ROANE District WALTON

Engineer Wendell S. Moore

Engineer's Registration No. 2113

File No. _____ Drawing No. W-4-64

Date 10 FEB. 64 Scale 1" = 300'

oil

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

WELL LOCATION MAP

FILE NO. ROA-1021

RADIOACTIVITY LOG

+ Denotes location of well on United States Topographic Maps, scale 1 to 62500 latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.



FEB 1 1965
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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 31

Rotary
Spudder
Cable Tools
Storage
 Water

Angle Walton 4 SW

WELL RECORD

Oil or Gas Well Injection
(KIND)

Well No. Roa-1021

Company Cities Service Oil Company
Address P. O. Box 873, Charleston, W. Va. 25323
Farm W. L. Taylor Acres 43
Location (waters) _____
Well No. 9-W Elev. 1079.11'
District Walton County Roane
The surface of tract is owned in fee by Mrs. Mazie Ray
Address Walton, W. Va.
Mineral rights are owned by Mrs. Ruby Hammock
Address Walton, W. Va.
Drilling commenced 7-21-64
Drilling completed 9-5-64
Date Shot not 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 see attached sheet
WELL FRACTURED see attached sheet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer _____
13			<u>Anchor</u>
10 <u>3/4" 32#</u>	<u>20'</u>	<u>20'</u>	Size of <u>4-1/2"</u>
<u>8 1/4" 24#</u>	<u>875'</u>	<u>875'</u>	
xxx <u>7" 23#</u>	<u>2078'</u>	<u>pulled</u>	Depth set <u>2,100'</u>
<u>4-1/2" 9.5#</u>	<u>2216'</u>	<u>2216'</u>	
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

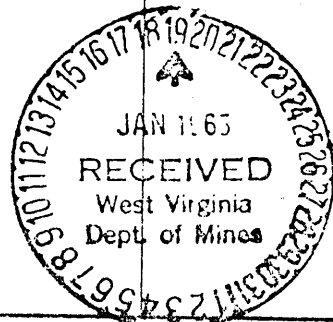
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
See reverse side
COAL WAS ENCOUNTERED AT 838 FEET 24 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT Water Injection Well

ROCK PRESSURE AFTER TREATMENT

Fresh Water 212' Feet Salt Water 1585' 2146' Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Clay			0	20			
Sand			20	64			
Red Rock			64	83			
Slate			83	95			
Red Rock			95	115			
Sand			115	148			
Lime			148	175			
Slate			175	210			
Sand			210	345	F. water	212'	1/2 blr/hr.
Slate			345	351			
Lime			351	370			
Slate			370	380			
Sand			380	478			
Red Rock			478	500			
Lime			500	516			
Red Rock			516	528			
Lime			528	548			
Red Rock			548	617			
Lime			617	636			
Red Rock			636	640			
Lime			640	675			
Red Rock			675	703			
Lime			703	755			
Red Rock			755	778			
Slate			778	805			
Lime			805	838			
Coal			838	840			



Formation	Color	Hard or Soft	Top 31	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime			840	882			
Sand			882	1010			
Slate			1010	1020			
Sand			1020	1050			
Slate			1050	1062			
Lime			1062	1075			
Sand			1075	1125			
Slate			1125	1140			
Lime			1140	1161			
Sand			1161	1262			
Slate and Shells			1262	1295			
Lime			1295	1315			
Slate and Shells			1315	1425			
Sand			1425	1460			
Lime			1460	1545			
Salt Sand			1545	1940	S. water	1585'	hole full
Little Lime			1940	1968			
Pencil Slate			1968	1975	2090'DLM=2087'SLM		
Big Lime			1975	2099	Oil	2100'	show
Big Injun			2099	2175	Gas	2103'	show
Shale			2175	2210	Oil	2130'	show
					S. water	2146'	2 gal/hr.
Total depth-----				2210' DLM=			
Plugged back depth-----				2207' Schl. Meas.			
				2194'			
<u>Casing Record</u>							
8-4-64	Ran 8-5/8" casing at 872'DLM on shoe						
8-23-64	Ran 7" casing at 2001'DLM on shoe in 20' red mud. R/L nipple 3 joints off bottom. 7" leaked. Pulled and reran 8-23-64 at 2062' with shoe, R/L nipple 3 joints off bottom. Pulled later.						
10-6-64	Ran 4-1/2" 9.5# J-55 casing at 2206' SLM. Packer set at 2100', R/L nipple at 1936'. Centralizers on 1st, 4th and 7th joints. Float insert 6'9" off bottom. 4 holes in 4" 3 feet off bottom. Cemented with 21 sacks. Pumped plug to 2166' Squeezed - pressures to 600# - would not go.						
Cored well from 2090' to 2175' (8-29 to 9-4-64)							
9-8-64 Ran Logs: Gamma Ray, Caliper, Induction and Density.							
10-10-64 Shut down for perforation and fracing later.							
12-19-64 Perforated 2140-44' 4 shots/foot. Connected well to injection line 12-21-64 - Would not take water.							
See acidizing and fracing record on attached sheet.							

Date January 18, 1965, 19

APPROVED Cities Service Oil Company, Owner

By W. S. Moore, Division Sup't
(Title)