

SIDE TWO

Operator Name ... Cities Service Oil & Gas Corp ... Lease Name ... YACOB A ... Well # ... 24 ...Sec. ... 26 ... Twp. ... 11S ... Rge. ... 8 ... ☒ East ☐ West County ... Riley ...

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken

☐ Yes ☒ No

Samples Sent to Geological Survey

☒ Yes ☐ No

Cores Taken

☐ Yes ☒ No

Formation Description

☒ Log ☐ Sample

Name

Top

Bottom

Hunton

1716'

TD
PBDT

1897'

1770'

Ran Cement Bond log w/GR and CCL from 1851-1291'.
TOC at 1490'.

Ran Dual Induction, SFL w/GR & SP/Compensated
Neutron-Density Log w/GR & Caliper.

Set CIBP at 1770'.

	Oil	Gas	Water	Gas-Oil Ra	Gravity
Estimated Production Per 24 Hours	55 Bbls	MCF	185 Bbls	CFPS	

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Sold☐ Open Hole ☒ Perforation ☐ Other (Specify)

Hunton 1752-1758'

CASING RECORD

☒ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	24#	300'	CL A	200	1% CaCl ₂ + 1% SX Flo
Production	7-7/8"	5-1/2"	14#	1896'	60/50 Poz	50	2% gel: 1% SX Flo
					CL A	50	10% salt & 0.75% HAL

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	Hunton 1774-1776' (CIBP at 1770')	75 gals 15% NE-FE	1752-1758'
2	Hunton 1752-1758'	acid	

TUBING RECORD

Size 2-3/8" Set At 1757' Packer at _____ Liner Run ☐ Yes ☒ No

Date of First Production _____ Producing Method _____

12-11-87

☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain)