

SIDE TWO

Operator Name ...Cities Service Oil & Gas Corp...Lease Name...Davatz Morrow Unit...Well #...503S

Sec...13...Twp...28S...Rge...36...

☐ East☒ West

County...Grant...

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

Electric Logs:

DIL-SFL w/GR, CNL-FDC w/GR & Caliper

Squeezed Lansing 4416-33' w/50 sx Cl. H w/2% CaCl, followed by 100 sx Class H neat cnt.

Set CIBP at 4470' on 10/15/86.

Name	Top	Bottom
Surface, Clay & Sand	0	416
Red Bed, Sand & Shale	416	1350
Glorietta Sand	1350	1443
Shale	1443	1820
Anhydrite	1820	1836
Shale	1836	2556
Lime & Shale	2556	4782
PBTD		4730
TD		4782

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	14-3/4"	11-3/4"	54#	1527'	65/35 Poz	700	2% CaCl 1/2 floce
					Class H	150	3% CaCl 1/4 floce
Production	9-1/2"	7"	23#	4781'	50/50 Poz	275	18% salt, 8% D-65
			(PV tool at 3292')		50/50 Poz	200	D-130
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
4	Perf: 4430-36; 4250-78; 4220-32' (46' 184 holes); 4518-37'; 4623-30'			9400 gals. 15% HCC			4220-4630'
TUBING RECORD				Liner Run ☐ Yes ☒ No			
Size 2-7/8"		Set At 4386'	Packer at 4593'				
Date of First Production after workover 11/13/86		Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....					
Estimated Production Per 24 Hours		Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB		Gravity

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Sold ☐ Used on Lease

☐ Open Hole ☒ Perforation ☐ Other (Specify)

4220-4630'.....

☐ Dually Completed ☐ Conminged

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