

Operator Name TXO Production Corp. Lease Name HAAS Well# 1 SEC. 10 TWP. 27S RGE. 12 East West

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
Heebner	3533	-1643
Douglas	3575	-1685
Brown Lime	3721	-1830
Lansing	3739	-1849
BKC	4088	-2198
Marmaton	4101	-2211
Cherokee	4162	-2272
Mississippian	4207	-2317
Kinderhook Sh.	4398	-2508
Viola	4430	-2540
Simpson Shale	4518	-2628
Simpson Sand	4548	-2658
RTD	4610	
LTD	4612	
PBD	4336	

Estimated Production Per 24 Hours	16.71 BO Bbls	47 MCFD MCF	51.78 BW Bbls	CFPB
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METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation Sold Other (Specify) 4209-32' (Miss.)
 Used on Lease

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Percent Additives
Surface	12-1/4"	8-5/8"	23#	433'	Lite Class A	225	2% gel, 3% CaCl
Production	7-7/8"	4-1/2"	10.5#	4357'	Class A	125	75% CFR-2

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
Shots Per Foot	Specify Footage of Each Interval Perforated		Depth
4 JSPF	Miss. 4209-32'	200 gals 15% + 1800 gals 7 1/2% w/additives + 60 ball sealers	4209-32'
		Frac w/16,000 gals My-T-Gel w/50 sxs 100 mesh, 100 sxs 20-40 sand & 140 sxs 12-20 sand.	

TUBING RECORD	Size 2-3/8"	Set At 4188'	Packer at N/A	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production 10-4-85 Producing Method Flowing Pumping Gas Lift Other (explain).....

Oil	Gas	Water	Gas-Oil Ratio	Gravity
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