

Operator Name ...Case Oil & Gas..... Lease Name Paulsen, D... Well# 1. SEC 26. TWP 24S. RGE 11

☐ 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
Samples Sent to Geological Survey
Cores Taken☒ Yes ☐ No
☐ Yes ☒ No
☐ Yes ☒ NoFormation Description
☐ Log ☐ Sample

Name	Top	Bottom
HEEBNER	3214	
TORONTO	3231	
DOUGLAS	3241	
DOUGLAS SAND	3265	
BROWN LIME	3375	
LANSING	3394	
KINDERHOOK	3720	
MEISNER SAND	3807	
VIOLA	3832	
RTD	3905	
LTØ	3904	

DST #1 3682-3817 45/30/45/30 Initial pressure 412, SIP 823; Final flow pressure 563, SIP 873. Strong blow throughout test. Gas to surface in 17 minutes on initial flow. Recovered 720' very gassy oil cut mud.5% mud, 35% oil, 60% gas. Recovered 540' of heavy oil cut gassy mud.5% mud, 30% water, 50% oil, 15% gas. Recovered 120' froggy oil. 5% mud, 15% water, 70% oil, 10% gas. 93' of drill pipe in anchor. Well temp. 114°F

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#	247'	60/40 poz	150 sx.	2% gel, 3% cc.
Production		5 1/2"		3903'	EA2	100 sx.	300 gal flocheck

PERFORATION RECORD

shots per foot specify footage of each interval perforated

shots per foot	specify footage of each interval perforated	Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)	Depth
2	3806-3812		

TUBING RECORD

size 2 7/8" set at 3800' packer at - - - Liner Run ☐ Yes ☒ No

Date of First Production	Producing method ☐ flowing ☒ pumping ☐ gas lift ☐ Other (explain) Gravity				
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	10 Bbls	0 MCF	50 Bbls		CFPB

METHOD OF COMPLETION

Disposition of gas: ☐ vented
☐ sold
☒ used on lease☐ open hole ☒ perforation
☐ other (specify) 2 3/4" 100' 100' 100'
☐ Dually Completed
☐ Commingled

PRODUCTION INTERVAL