

Operator Name Par Petroleum, Inc. Lease Name..... Sandifer..... Well #... 2...

Sec..... 30 Twp..... 34S Rge..... 34 ☐ East
☒ West County..... Seward

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
Sand	0	770'
Sand and Red Bed	770'	1,655'
Shale	1,655'	1,785'
Lime and Shale	1,785'	2,290'
Shale and Lime	2,290'	2,665'
Lime and Shale	2,665'	3,300'
Shale and Lime	3,300'	3,635'
Lime and Shale	3,635'	4,235'
Shale and Lime	4,235'	4,544'
Lime and Shale	4,544'	4,995'
Shale and Lime	4,995'	5,190'
Lime and Shale	5,190'	5,312'
Lime	5,312'	5,450'
Shale and Lime	5,450'	5,635'
Lime and Shale	5,635'	5,875'
Shale and Sand	5,875'	6,071'
Shale and Lime	6,071'	6,278'
Lime and Shale	6,278'	6,555'
Rotary Total Depth		6,555'

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#	1654'	Lite	650	2% CC
Production....	7-7/8"	4-1/2"	10.5#	6546'	Class C	135	2% CC

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	6190' to 6194	750 gal 7 1/2 T Acid	6190-6194
		19000 gal 65% CO2 Foam	6190-6194
		28000# 20/40 Sand	

TUBING RECORD	Size 2-3/8"	Set At 6180'	Packer at	Liner Run NO	☐ Yes ☐ No
Date of First Production	Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....				
10-21-88					
Estimated Production Per 24 Hours	Oil 0 Bbl's	Gas 75 MCF	Water) Bbl's	Gas-Oil Ratio CFPB	Gravity

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Open Hole ☐ Perforation
☐ Sold ☒ Other (Specify) Shut-in gas well 6190-6194
☐ Used on Lease ☐ Dually Completed
☐ Conmingled