

SIDE TWO

Operator Name CRYSTAL OIL COMPANY

Lease Name HIRT FARMS

Well # #1

Sec. 26 Twp. 27 Rge. 12

East
 West

County PRATT

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
(Attach Additional Sheets.)
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run:

DUAL POROSITY LOG
DUAL INDUCTION LOG
BOND LOG

Name	Top	Datum	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
HEEBNER	3480	-1638			
BROWN LIME	3564	-1720			
LANSING	3564	-1720			
KANSAS CITY	3735	-1834			
MISS CHERT	4119	-2281			
VIOLA	4331	-2489			
ARBUCKLE	4511				
RTB	4533	-2691			

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"	20#	255	60-40POZ	210	2%GEL, 3%CC
PRODUCTION	7 7/8"	5 1/2"		4532	50-50POZ	200	18%SALT
						40	HALCO LITE

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

COPY

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	4126 -36 4156-66	HY-T-GELL L.T.FRACJOB	4126 -66
		pumped down 2 7/8 tubing	
		1000gal pre-pd-5000galxlinkpd,	
		12000galxlinkgel- with 130sks	
		of 20-40 and 140sks of 12-20sd.	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:
 Vented Sold Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

Production Interval

4126 - 66