



Operator Name Shepler & Thomas, Inc. Lease Name Dreitz Well # 4

Sec. 11 Twp. 32S Rge. 31  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

DST #1: 5149-5155; Pawnee 30-60-60-120; IH 2523; IF 114-259, gts 10 min, 22.8 MCF; ISIP 1471; FF 374-549, gts immed, 15.4 MCF; FSIP 1522; FH 2413; BHT 120°F, recover 280' wmc, 1020' gcs.

DST #2: 5490-5530; 30-60-60-120; IH 2652; IF 72-145, bottom of bucket in 1 min gts; ISIP 1712; FF 187-280, bottom in 4 min, no gts; FSIP 1712; FH 2632, BHT 123°, recover GIP, 120' gwcm, 460' mw.

DST #3: 5640-5728; 30-60-60-120; IH 2672; IF 83-72, bottom of bucket in 1 min gts, 17 mins 36.5 MCF/day; ISIP 1652; FF 52-41, strong gts immed, 36.5 MCF; FSIP 1672; FH 2622, BHT 124°, recover 100' mud.

DST #4: 5866-5980; 30-60-60-120; IF gts in 8 min after 10 mins 8# on 1 1/2", 700 MCF-stabilize @ 677 MCF; FF open 599 MCF and builds to stable 677 MCF after 60 mins from high of 800 MCF.

Name	Top	Bottom
Heebner Shale	4290	
Lansing	4408	
Marmaton	5016	
Pawnee	5144	
Cherokee Shale	5208	
Morrow	5504	
Chester	5708	
St. Genevieve	5736	
St. Louis	5895	

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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#	1609	HLW	470	2% CC
Production	7 7/8	4 1/2	10.5#	5979	Class H	50	8% gel, 10% salt
					50/50 pot	225	10% salt, .6% H
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	5894-5897			Squeeze 50 sx Class H		Same	
2	5874-79			1000 gallons of 15% HCL		Same	
TUBING RECORD				Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
	Size 2 3/8	Set At 5868	Packer at N/A				
Date of First Production		Producing Method					
N/A		<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					