



Operator Name Rains & Williamson Oil Co., Inc. Lease Name Kuhn Well # 1

35 Twp. 2S Rge. 26W  East  West County Sheridan

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 of 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 - 3902-3936, 30 (30) 30 (30).  
 Rec. 5' mud. FP's 21-21, 32-32.  
 IBHP 1134, FBHP 1162.

Name	Top	Bottom
Anhydrite	2281	(+339)
Topeka	3637	(-1017)
Heebner	3849	(-1229)
Lansing	3882	(-1262)
BKC	4123	(-1503)
LTD	4133	(-1513)

CASING RECORD <input checked="" 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 1/2"	8 5/8"	20#	310'	60/40 pdz	190	2% ael, 3% ct
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed .....  
 Commingled .....

086807

DRILLER'S LOG

COMPANY: Rains & Williamson Oil Co., Inc.

SEC. 35 T. 9S R. 26W

WELL NAME: Kuhn #1

LOC. SE NW NW

COUNTY: Sheridan

RIG NO. #9

TOTAL DEPTH 4130'

ELEVATION 2615 GL 2620 KB

COMMENCED: 1-7-87

COMPLETED: 1-13-87

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 310' w/190 sx. 60/40 poz., 2% gel, 3% cc.

PRODUCTION: D&A

LOG

(Figures Indicate Bottom of Formations)

Shale	1297
Sand	1375
Shale	1724
Shale & Lime	2500
Shale	2825
Lime & Shale	3360
Shale & Lime	3550
Lime	4130
<u>ROTARY TOTAL DEPTH</u>	<u>4130</u>

STATE OF Kansas)

COUNTY OF Sedgwick)

SS:

I, Wilson Rains, President of Rains & Williamson Oil Co., Inc.