

SIDE TV

Name Hollar Drilling Company, Inc. Lease Name WATSON Well # 1

11 Twp. 30 Rge. 4 East West County Sumner

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 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

4400-23 30-45-60-45
 2580' fluid + 300' gen, 300'
 w/o oil, 900' g & dow, 1080' wtr
 21-462 & 462-1127
 1484-1484

Formation Description
 Log Sample

Name	Top	Bottom
Wh Cloud	2186	
Topeka	2354	
Heebner	2773	
Stalmaker	3079	
KC	3361	
Cherokee	3791	
Miss	3906	
Khk	4338	
Simp	4416	
Arb	4536	

JUL 24 1986
 KANSAS GEOLOGICAL SURVEY
 WICHITA BRANCH

CASING RECORD New Used

Report all strings set-conductor, surface, intermediate, production

Case of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type Cement	Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	23	298	Class A	200	3% CaCl
Production	7 7/8"	4 1/2"	105	4555	60-40 pox	100	2% gel, 10% salt

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Days Per Foot	Depth Range of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	4416-18	no treatment	

PLUG RECORD

Size 2 3/8 Set At 4415 Packer at none Liner Run Yes No

Date of First Production Producing Method Flowing Pumping Gas Lift Other (explain).....