

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 pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rate. 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

DST #1: 2548-2579' SIP 1122-1094
 OP 30-45-45-45 FP 124-238/407-379
 GTS 7 min ga. 116,000 HP 1247-1178
 20 min. 385,000 30 min. 577,000
 2nd flow ga. 840,000, 10 min 1,162,000
 20 min. 1,205,000, 30 min. 1,269,000
 40 & 45 min. 1,379,000
 Rec. 70' GCM

DST #2: 3566-3604' SIP 201-349
 OP 45-60-45-60 FP 67-53/94-53
 Rec. 90' mud HP 1807-1794

DST #3: 3609-3622' SIP 134-120
 OP 45-90-45-90 FP 40-40/53-40
 Rec. 60' SO&GCM HP 1780-1780

DST #4: 3606-3631' SIP 887-766
 OP 45-60-30-60 FP 53-40/69-40
 Rec. 60' mud HP 1848-1807

Name	Formation Description	
	Top	Bottom
Ind. Cv.	2560	-1034
Wab	2610	-1084
Tarkio Lm	2770	-1244
Elgin	3388	-1862
Heebner	3566	-2040
Dgls Lm	3609	-2083
Dgls Sh	3642	-2116
Lansing	3751	-2225
LTD	3799	
Sand	0	20
Red Rock & Red Beds	20	94
Red Beds	94	228
Shale	228	730
Shale & Lime	730	2874
Lime & Shale	2874	3018
Shale & Lime	3018	3364
Lime & Shale	3364	3471
Shale & Lime	3471	3604
Lime & Shale	3604	3622
Shale & Lime	3622	3800

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	23	223	Common	215	4% gel, 3% cc
Production	7 7/8	4 1/2	9.5/10.5	2690	60-40 Poz	100	10% salt, 3/4 of 1% D-31 5% gils per sx.

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 1/2" Jumbo Jet	2572-2576'	Nque	

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
	2-3/8	2573	None		

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

Title..... **Production Manager** Date **8-8-84**

Subscribed and sworn to before me this **8th** day of **August** 19**84**.....

Letter of Confidentiality Attached

Wireline Log Received

Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other

AUG 27 1984

14-32-11W
Jm

DRILLERS LOG

#1 Clarence

CASING RECORD:	COMPANY:	Hummon Corporation	DESCRIPTION:
8 5/8" @ 223' w/215 sx. cement	CONTRACTOR:	Big-H Drilling, Inc.	SW SE SE Sec. 14-32S-11W Barber County, Kansas
4-1/2" @ 2690' w/100 sx. cement	COMMENCED:	March 8, 1984	ELEVATION: 1526 KB
	COMPLETED:	March 16, 1984	

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Sand	0	20	
Red Rock & Red Beds	20	94	
Red Beds	94	228	
Shale	228	730	
Shale & Lime	730	2874	
Lime & Shale	2874	3018	
Shale & Lime	3018	3364	
Lime & Shale	3364	3471	
Shale & Lime	3471	3604	
Li & Shale	3604	3622	
Share & Lime	3622	3800	
RTD		3800	

I certify that this is a true and correct copy of the above log to the best of my knowledge.

BIG-H DRILLING, INC.

JUL 27 1988
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH



Karen Tennis

Subscribed and sworn to before me this 21st day of March, 1984.

SANDRA L. MENDOZA
SEDGWICK COUNTY, KANSAS
MY APPT. EXP. 2/13/86



Notary Public

RECEIVED
STATE CORPORATION COMMISSION

JUL 20 1988

CONSERVATION DIVISION
Wichita, Kansas