

SIDE TWO

Operator Name Mobil Oil Corp Lease Name Churchman Bible Well # 3

Sec. 15 Twp. 31S Rge. 35 East West County Stevens

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

Name	Top	Bottom
Chase	2631	
Winfield	2706	
Council G	2922	
Admire	3168	
Wabaunse	3304	
Lansing	4174	
Kansas C	4407	
Marmaton	4854	
Cherokee	5050	
Morrow	5406	
Chester	5600	
St. Genev	5700	
St. Louis	5754	
TD	5800	
Log meas from KB=3012		

*Acidz w/1200 gals 7.5% Fe acid w/1 GPT Lo-Surf 300, Clasta II, HAI-60
 Flush w/1470 gals diesel
 Frac'd w/60Q gel diesel/N2 foam, 9000 gals pad, 8400 gals SLF w/19,200# 20-40 sand; screen out w/3 ppg SLF @ perfs, 300 gals w/no nitrogen
 Acidz w/1500 gals 7.5% Fe acid
 Frac'd w/60Q diesel/N2 foam, 25,550 gals w/30,400# sand; screen out w/4 ppg SLF dn hole to perfs

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"	24#	1810'	Cl C	660	65:35:6 C: Poz: Gel, 2% CaCl; 2% CaCl
Production	7-7/8"	5-1/2"	14#	5800'	Cl H	295	50:50 H: Poz, 2% Gel
					Cl H	280	50:50 H: Poz, 2% Gel, 2% CaCl

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4 SPF (61 perfs)	5635-5650 (re-shot same)	*	5635-5650

TUBING RECORD Size 2-7/8" Set At Packer at ANCHOR 5485' Liner Run Yes No

Date of First Production Producing Method Flowing Pumping Gas Lift Other (explain).....
 INFO NOT AVAILABLE

15-31-35W

DRILLERS LOG

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MOBIL OIL CORPORATION
CHURCHMAN BIBLE #3
SECTION 15-31S-35W
STEVENS COUNTY, KANSAS

COMMENCED: 7-16-87
COMPLETED: 7-25-87

SURFACE CASING: 1810' OF 8 5/8"
CMTD W/660 SX 65-35 POZ MIX
LITE 2% C.C., TAILED IN W/100 SX
CLASS "C" 2% C.C.

FORMATION	DEPTH
CONDUCTOR CASING	0- 60
SURFACE HOLE	60-1810
ANHYDRITE & RED BED	1810-2105
RED BED & ANHYDRITE	2105-2530
SHALE	2530-2890
LIMESTONE	2890-3221
SHALE & LIME	3221-3575
LIME & SHALE	3575-3970
LIMESTONE	3970-4460
LIME & SHALE	4460-4660
LIMESTONE	4660-4910
LIME & SHALE	4910-5071
SHALE & LIME	5071-5315
LIME & SHALE	5315-5533
SHALE & LIME	5533-5671
LIME & SHALE	5671-5676
CHESTER	5676-5705
LIME & SHALE	5705-5800 RTD

AUG 03 1987
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

A. J. Jacques

A. J. JACQUES

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 28TH DAY OF JULY, 1987.

PAM KAISER
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 3-5-91

Pam Kaiser
PAM KAISER, NOTARY PUBLIC

STATE OF KANSAS
NOTARY PUBLIC
JUL 31 1987
Wichita, Kansas