



Operator Name J. Mark Richardson Lease Name Morford A Well # 2

Sec. 2 Twp. 29S Rge. 20  East  West County Kiowa

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 2600-2610 30-30-30-30 Weak blow, rec. 10' mud.  
 IFP/FFP 39/48 IFIP/FSIP 97/68.

DST 4388-4410 30-30-90-30 Weak blow, rec. 40' HOGCM.  
 IFP/FFP 37/46 ISIP/FSIP 208/185.

DST 4406-4486 30-30-90-30 Good blow, Rec. 340' G&SO CM  
 & 2500' water. IFP/FFP 148/897 ISIP/FSIP 1379/1296.

Name	Top	Bottom
WAB	3412-1041	
HOWARD	3748-1377	
TOPEKA	3846-1475	
HEEBNER	3194-1823	
TORONTO	4206-1835	
BROWN LIME	4365-1994	
LANSING	4375-2004	
A ZONE	4410-2039	
DRUM	4552-2181	
BKC	4788-2417	
MARMATON	4802-2431	
CHEROKEE SH	4928-2567	
MISS DOL	5008-2637	
RTD	5090-2719	

RELEASED

AUG 13 1987

CASING RECORD  8 5/8  Used 4 1/2

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		614	Posmix Common	200	2% gel 10% SH
Production	7 7/8	4 1/2		5089	Posmix	275	2% gel 10% SH

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	4668-4676	500 gal. 15% HCL	

TUBING RECORD

Used	Size	Set At	Packer at	Liner Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Used	2 3/8	4676	5014		

Date of First Production 4-18-86 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
	60		15		39

FROM CONFIDENTIAL

METHOD OF COMPLETION

Production Interval

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

4668-4676