

Operator Name **HELD BY PRODUCTION, INC.** Lease Name **FERRIN** Well # **1-A**

Sec. **15** Twp. **31S** Rge. **17** East West County **Comanche**

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample
Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

DST No 1 4979 - 5050
30-60-30-120
Rec. 360 feet of gas cut mud with few specks of oil
Second open Est 1233 MCF PD

IHP 2440	
IFP 165-227	
ISAP 1248	
FFP 206-237	
FSIP 1263	
FHP 2440	
BHT 123	

Name	Top	Bottom
HEEBNER	4202	
TORONTO	4218	
LANSING	4390	
SWOPE	4718	
BASE KANSAS CITY	4811	
MARMATON	4824	
PAWNEE	4908	
CHEROKEE	4953	
MISSISSIPPIAN	5007	

RELEASED

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	Percent Additives
SURFACE		10 3/4	40	614	Lite	200	3% CaCl
Production	7 7/8	4 1/2	10.5	5144	Common	300	2% Gell
					50/50 Pp2	200	10% Salt 10#/SK 0.75% CFR2 500gal. flash
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
Casing	has been set but well has not been completed						
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 Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity CFPB		

FROM CONFIDENTIAL

METHOD OF COMPLETION

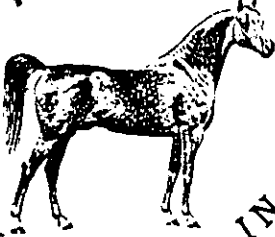
Production Interval

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

DEC 5 1988

ALDEBARAN

453 SOUTH WEBB ROAD
P.O. BOX 18611
WICHITA, KANSAS 67207
(316) 685-5372



DRILLING CO. INC.

W E L L L O G

WELL NAME: FERRIN 1-A

WELL LOCATION: NW NW SW

Sec. 15-31S-17W, Comanche County

OPERATOR: HELD BY PRODUCTION

COMMENCED: 4-11-86

CONTRACTOR: ALDEBARAN DRILLING CO., INC.

COMPLETED: 4-24-86

14 Jts. 10 3/4" 42 wt. new set at
CASING RECORD: 613', 500 sks.
200 lt. 300 common 3% cc. 2% gel./
129 Jts. 4 1/2" 10.5 wt. new set at
5144' 200 sks. 50-50 poz. 10% salt
10# gil. 3/4% CFR2

FORMATION:

FROM:

TO:

Sand-Red Bed	0	623'
Red Bed	623'	2045'
Lime-Shale	2045'	4980'
Mississippian	4980'	5145'

STATE OF KANSAS)
COUNTY OF SEDGWICK) SS:

I CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF THE DRILLER'S LOG ON THE WELL DRILLED
NW NW SW, Sec. 15-31S-17W, Comanche County, Kansas TO THE BEST OF MY
KNOWLEDGE AND BELIEF.

ALDEBARAN DRILLING CO., INC.
WAYNE L. KIRKMAN
PRESIDENT

SUBSCRIBED AND SWORN TO BEFORE ME THIS 28TH DAY OF APRIL, 1986

MY APPOINTMENT EXPIRES JUNE 12, 1989

DEBORAH M. BRYANT
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 6-12-89

Deborah M. Bryant
DEBORAH M. BRYANT NOTARY PUBLIC

DEC 5 1986

CONFIDENTIAL
Wichita, Kansas

RELEASED

JAN 17 1988

FROM CONFIDENTIAL