

\* Amended 8-31-87

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 8362  
Name HELD BY PRODUCTION, INC.  
Address 6021 S. Syracuse Way #201  
City/State/Zip Englewood, CO 80111

Purchaser None Bishop Pipeline Corp

Operator Contact Person R. B. Einhorn  
Phone (303) 694-4335

Contractor: License # 5829  
Name ALDEBARAN DRILLING CO., INC.

Wellsite Geologist Denny Furst  
Phone (303) 292-6116

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp  
 Dry  Other (Core, Water Supply etc.)

If OWWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
4-11-86 4-24-86 2-28-87  
Spud Date Date Reached TD Completion Date  
5145 Est. 5129  
Total Depth PBTD  
\*Well has not been completed

Amount of Surface Pipe Set and Cemented at 614 feet  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated from 614 feet depth to surface, 500 SX cmt  
Cement Company Name HALLIBURTON  
Invoice # 436722

API NO. 15-033-20698  
County Comanche  
NW NW SW Sec. 15 Twp. 31S. Rge. 17 East West

2310 Ft North from Southeast Corner of Section  
4950 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

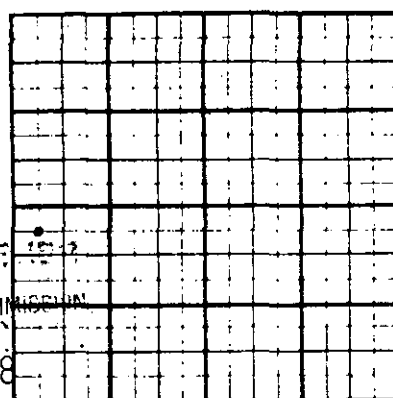
Lease Name FERRIN Well # 1-A

Field Name

Producing Formation MISSISSIPPIAN

Elevation: Ground 2093 KB 2102

Section Plat



RECEIVED  
CORPORATION COMMISSION  
FEB 08 1988  
CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

Groundwater.....Ft North from Southeast Corner (Well) .....Ft West from Southeast Corner of Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner (Stream, pond etc).....Ft West from Southeast Corner Sec Twp Rge East West

Other (explain)..... (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature R.B. Einhorn

Title Vice-President Date 12-1-86

Subscribed and sworn to before me this 1st day of December, 1986

Notary Public Suzanne Moore

Date Commission Expires My Commission expires August 29, 1988

2961-A W. Long Dr. Littleton, CO 80120

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Drillers Timelog Received  
Distribution  
KCC SWD/Rep NGPA  
KGS Plug Other (Specify)

SIDE TWO

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  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  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

**RELEASED**  
**JAN 13 1988**  
**FROM CONFIDENTIAL**

Formation Description  
 Log  Sample

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

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	Type and Percent Additives
SURFACE		10 3/4	40	614	Lite	200	3% CaCl
Production	7 7/8	4 1/2	10.5	5144	Common 50/50 Po2	300	2% Gell
						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	
2	5017-32; 5041-44			1500 gal 15% FE			
<del>Casing has been set but well has not been completed.</del>							
TUBING RECORD		Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		2 3/8	5061	4965			
Date of First Production		Producing Method					
4-13-87		<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
		Bbls	500 MCF PD	Bbls		CFPB	

METHOD OF COMPLETION

Production Interval

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

Dually Completed  
 Commingled  
 02108 00, note 1

5017-32  
 5041-44