

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

5

Operator: License # 5386  
Name PRODUCTION DRILLING, INC.  
Address P.O. BOX 680  
HAYS, KS 67601  
City/State/Zip

Purchaser Clear Creek, Inc.

Operator Contact Person LARRY PATTERSON  
Phone (913) 625-1189

Contractor: License # 5422  
Name ABERCROMBIE DRILLING, INC.

Wellsite Geologist JERRY GREEN  
Phone (913) 625-5155

Designate Type of Completion  
New Well  Re-Entry  Workover

Oil  Gas  Dry  
 SWD  Inj  Other (Core, Water Supply etc.)  
 Temp Abd  Delayed Comp.

If ONWO: old well info as follows:  
Operator H.C. FEDERER  
Well Name KETLER #1  
Comp. Date 11-4-76 Old Total Depth 4390

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
11-21-87 11-27-87 3-23-88  
Spud Date Date Reached TD Completion Date  
4796  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 208 feet  
Multiple Stage Cementing Collar Used? Yes  No   
If yes, show depth set feet  
If alternate 2 completion, cement circulated from feet depth to feet w/ SX cmt  
Cement Company Name HALLIBURTON SERVICES  
Invoice # 613579

API NO. 15-023-20-026-100-01

County CHEYENNE 4

NE SW Sec. 11 Twp 1 S Rge 38 East West

1980 Ft North from Southeast Corner of Section  
3300 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name KETLER (OWWO) Well # 1

Field Name KETLER

Producing Formation FORT SCOTT

Elevation: Ground 3087 KB 3092

Section Plat

Grid table with elevations on the right side ranging from 5280 to 330.

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 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) (POND) JOHN SNYDER (purchased from city, R.W.D. #)

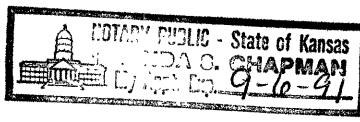
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 [Signature] Title Date 3-23-88

Subscribed and sworn to before me this 23 day of March 1988  
Notary Public [Signature] Date Commission Expires 9-6-91

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



MAR 24 1988  
CONSERVATION DIVISION  
Wichita, Kansas

Form ACO-1 (5-86)  
MAR 25 1988  
03-25-1988  
CONSERVATION DIVISION  
Wichita, Kansas

Sec. 11 Twp. 1 S Rge. 38 E

**SIDE TWO**

Operator Name ..... PRODUCTION DRILLING, INC. .... Lease Name..... KETLER ..... Well #..... 1

Sec..... 11 ..... Twp..... 1s ..... Rge..... 38 .....  East  West ..... County..... CHEYENNE .....

**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

D.S.T. #1 4463' to 4545' 82 ANCHOR  
 RECOVERED 10' DM 45-45-30-30  
 FP #116, #116, #116, #116  
 IBHP 843# FBHP 560#  
 DST #2 MIS RUN

Name	Top	Bottom
Anhydrite	3060'	
Oread	3978'	
Heebner	4020'	
LKC	4048'	
BKC	4338'	
Fort Scott	4448'	
Cherokee-Shale	4472'	
Basil Penn. Sand	4608'	
RTD	4796'	

CASING RECORD <input type="checkbox"/> New <input checked="" 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				208			
PRODUCTION	7 7/8	4 1/2	10 1/2#	4539	COMMON EA-Z	50 200	7 1/2# gel. 1/2# floccel/sx 18% Salt
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	4450-4456						
4	4304-4312 (SQUEEZE 2000 LB-70)			500 GAL M-E 15% HCL			
4	4162-4168 (SQUEEZE 1105X 60-40)			500 GAL MCA ACID			
				1500 GAL 15% NE			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	Size	Set At	Packer at				
	2 3/8"	4458					
Date of First Production		Producing Method					
3-23-88		<input type="checkbox"/> Flowing <input checked="" 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	
		25 Bbls	0 MCF	0 Bbls		CFPB	

**METHOD OF COMPLETION**

**Production Interval**

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