

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 # 5469  
Name Anadarko Production Company  
Address Box 351  
City/State/Zip Liberal, Kansas 67901

Purchaser.....

Operator Contact Person .....  
Phone .....

Contractor: License # 5662  
Name Wakefield Rig #1

Wellsite Geologist Jim Crawford  
Phone 405-235-1147

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  
3/15/85 3/24/85 3/27/85  
Spud Date Date Reached TD Completion Date  
5010  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 1315 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated  
from 1315 feet depth to 650 SX cmt

API NO. 15-129-20749-00-00

County Morton County, Kansas  
150'  East  
SW. of C. NW. SW Sec. 12. Twp. 33. Rge. 43  West

1885.80 Ft North from Southeast Corner of Section  
4709.51 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

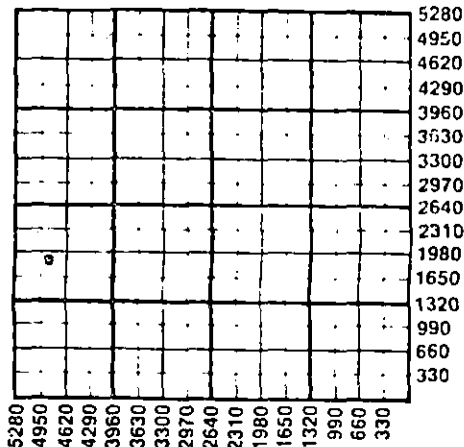
Lease Name Hatterman Well # A-2

Field Name Winters North

Producing Formation None

Elevation: Ground 3550.3 3545.3 KB

Section Plat.



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 660 Ft North from Southeast Corner  
(Well) 4680 Ft West from Southeast Corner of  
Sec 12 Twp 33 Rge 43  East  West

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

This water well is owned by U.S. Forest Service  
 Other (explain) Elkhart, Kansas  
(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 Paul Campbell  
Title Division Operations Manager Date 4/17/85

Subscribed and sworn to before me this 17th day of April 1985  
Notary Public Beverly J. Williams

Date Commission Expires November 21, 1986

BEVERLY J. WILLIAMS  
Seward County, Kansas  
My Exp. Exp. 11/21/86

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)

APR 18 1985

Form ACO-1 (7-8A)

Sec 12 Twp 33 Rge 43

Operator Name Anadarko Production Company Lease Name Hatterman Well # .....

Sec. 12 Twp. 33 Rge. 34  East  West County Morton County

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 #1. 4484-4590 (Morrow C-2.) PKR Failure  
 DST #2. 4447-4599 (Morrow C-2.)  
 15-30-30-120  
 Str blow thru out test. Rec 2664 MSW NS.  
 IHP 2504  
 IFP 739-796  
 ISIP 1324  
 FFP 913-1265  
 FSIP 1412  
 FHP 2416

Name	Formation Description	
	Top	Bottom
Surface Sand	0'	67'
Surface Sand-Clay	67'	285'
Sand Stone	285'	390'
Redbed	390'	885'
Redbed & Gyp	885'	914'
Gloretta Sand	914'	1083'
Redbed & Gyp	1083'	1311'
Anhydrite	1311'	1325'
Redbed	1325'	1800'
Redbed & Shale	1800'	2169'
Shale	2169'	2300'
Lime & Shale	2300'	5010'
RTD	5010'	

**RELEASED**  
 Date: JUL 1 1986  
 FROM CONFIDENTIAL

MAY 0 1985

State Geological Survey  
 WICHITA BRANCH

**RELEASED**  
 JUL 15 1986

FROM CONFIDENTIAL

CASING RECORD <input 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	12 1/4"	8 5/8	24#	1315	Poz Mix Common	450 200	3% C&C 3% C&C
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
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	Gas	Water	Gas-Oil Ratio	Gravity	
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

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