

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 # ...4549.....  
Name .Anadarko Petroleum Corporation..  
Address .P.O. Box 351.....  
City/State/Zip .Liberal, Kansas..67901..

Purchaser.....

Operator Contact Person .M. L. Pease.....  
Phone .316-624-6253.....

Contractor: License # ...5662.....  
Name .Wakefield.....

Wellsite Geologist...N/A.....  
Phone.....

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

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

WELL HISTORY

Drilling Method:  
 Mud Rotary     Air Rotary     Cable  
  
...4-2-87...    ...4-8-87...    ...7-20-87...  
Spud Date              Date Reached TD              Completion Date  
  
...2800...              ...Surface...  
Total Depth              PBD

Amount of Surface Pipe Set and Cemented at...698...feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated  
from.....feet depth to.....w/.....SX cmt  
Cement Company Name .....,  
Invoice # .....

API NO. 15-175-20,953-00-00.....

County.....Seward.....

APPROX...C NW... Sec 12... Twp 34... Rge 33...  East  
 West

.4030..... Ft North from Southeast Corner of Section  
.3950..... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

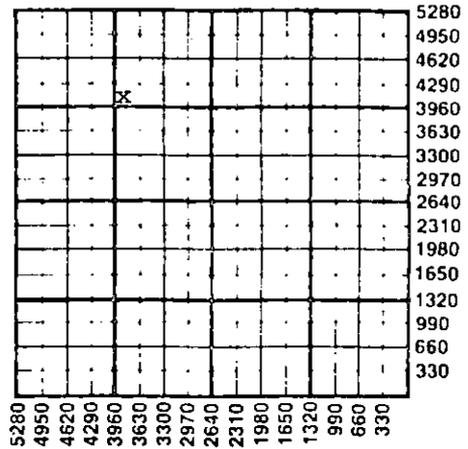
Lease Name .Hatcher A.....Well #...1.....

Field Name .Hugoton.....

Producing Formation .Chase.....

Elevation: Ground...2820.....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.....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) .Drilling Cont. furnished water.  
(purchased from city, R.W.D. #)

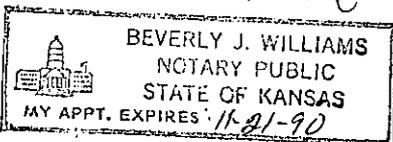
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply.  
Information on slide two of this form will be held 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 .....  
M. L. Pease  
Title..... Division Production Manager                      Date 9/2/87.....

Subscribed and sworn to before me this.....day of.....  
19.....  
Notary Public.....  
Date Commission Expires.....

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Time Log Received  
Distribution  
 KCC                       SWD/Rep                       NGPA  
 KGS-D                       Plug                       Other  
(Specify)  
SEP 4 1987  
9-4-87



Sec. 12, Twp. 34, Rge. 33

SIDE TWO

Operator Name Anadarko Petroleum Corporation Lease Name Hatcher A Well # 1

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

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

Name	Top	Bottom
Sand	0	32
Sand & Clay	32	395
Sand & Clay	395	608
Redbed	608	912
Glorietta Sand	912	1105
Redbed	1105	1608
Anhydrite	1608	1626
Shale - Redbed	1626	1630
Redbed - Shale	1630	1900
Shale	1900	2400
Shale - Lime	2400	2575
Lime - Shale	2575	2800
R.T.D.	2800	

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	12 1/2	8 5/8	24#	698	PQZ. 75/25	200	2% cc. #/sx.
Prod	7 7/8	5 1/2	14#	2799	com.	150	3% cc. #/sx.
					Class C	185	2% cc. #/sx.
					Class C	40	2% cc. #/sx.

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	2629 - 34 Herington	1500 gal. 15% HCL	
2	2658 - 68 Krider	4500 gal. 15% HCL	
		29,000 gals. 2% KCL	
		+ 38,000 #sd	

TUBING RECORD			
Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" 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).....				
	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	Bbls	MCF	Bbls	CFPB	

Flow Seal  
"  
"

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) P&A  
 Used on Lease  Dually Completed  
 Conmingle

BW

KANSAS DRILLER'S LOG

LEASE: HATCHER "A" #1  
OWNER: ANADARKO PETROLEUM, INC.  
API 15-175-20,953  
SPUD: 4-02-87  
COMP: 4-08-87

LOCATION: 1250' FSL & 1330' FEL  
(Approximately C SE/4)  
Section 12-34S-33W  
Seward County, Kansas  
CASING: 8 5/8" Set @ 698'  
5 1/2" Set @ 2800'

Surface Sand	32
Surface Sand & Clay	395
Sand & Clay	608
Red Bed	698
Sands & Red Bed	912
Gloretta Sand	1105
Red Bed	1608
Anhydrite	1626
Shale - Red Bed	1630
Red Bed & Shale	1900
Shale	2400
Shale & Lime	2575
Lime & Shale	2800
R.T.D.	2800

STATE OF KANSAS )  
                          )           ss.  
COUNTY OF COWLEY )

I, William C. Wakefield, do hereby certify that this is a true and correct Driller's Log on the HATCHER "A" #1, located 1250' FSL & 1330' FEL (Approx. C SE/4) Section 12-34S-33W, Seward County, Kansas, as shown by the daily drilling reports.

WAKEFIELD OIL COMPANY, INC.

By William C. Wakefield  
William C. Wakefield  
STATE OF KANSAS COMMISSION

Subscribed and Sworn to before me this 17th Day of April, 1987.

SEP 4 1987

My Appointment Expires:  
October 28, 1988

Carol J. Noel  
Carol J. Noel  
Notary Public

