

ORIGINAL

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

API NO. 15- 129-21,007-00-00

County Morton

C/S/2 NE NE NE Sec. 27 Twp. 34S Rge. 40  East  
 West

4030 Ft. North from Southeast Corner of Section

330 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

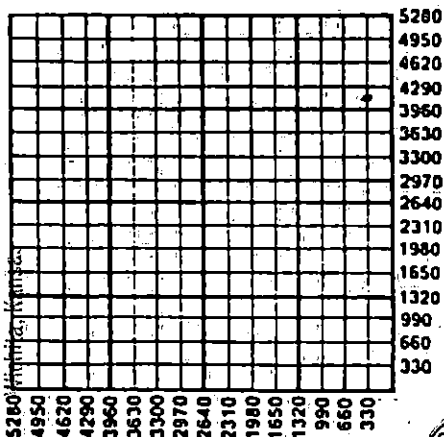
Lease Name USA "O" Well # 1H

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3365.9 KB' NA

Total Depth 2855 PBTD 2828



MAR 22 1990

RECEIVED

Amount of Surface Pipe Set and Cemented at 577 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ SX cmt.

Operator: License # 4549

Name: Anadarko Petroleum Corporation

Address P. O. Box 351

City/State/Zip Liberal, KS 67905-0351

Purchaser: Northern Natural Gas Company

(Transporter)

Operator Contact Person: M. L. Pease

Phone (316) 624-6253

Contractor: Name: Gabbert-Jones, Inc.

License: 5842

Wellsite Geologist: NA

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Comp.

Dry  Other (Core, Water Supply, etc)

If OAWO: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary  Air Rotary  Cable

9-27-89 9-29-89 1-4-90

Spud Date Date Reached TD Completion Date

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Beverly J. Williams

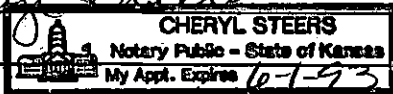
Beverly J. Williams

Title Engineering Technician Date 3-7-90

Subscribed and sworn to before me this 7th day of March, 1990.

Notary Public C Cheryl Steers

Date Commission Expires \_\_\_\_\_



K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

Wireline Log Received

Drillers Timelog Received

Distribution

KCC  SWD/Rep  NGPA

KGS  Plug  Other (Specify)

Operator Name Anadarko Petroleum Corporation Lease Name USA "Q" Well # 1H  
 Sec. 27 Twp. 34S Rge. 40  East County Morton  
 West

**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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.)</p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Submit Copy.)</p>	<p style="text-align: center;"><b>Formation Description</b></p> <p style="text-align: center;"><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Name</th> <th style="width: 20%;">Top</th> <th style="width: 20%;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Blaine</td> <td>1078</td> <td>1209</td> </tr> <tr> <td>Cedar Hills</td> <td>1248</td> <td>1416</td> </tr> <tr> <td>Stone Corral</td> <td>1690</td> <td>1742</td> </tr> <tr> <td>Chase</td> <td>2492</td> <td>NA</td> </tr> <tr> <td>Council Grove</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>TD</td> <td></td> <td>2855</td> </tr> </tbody> </table>	Name	Top	Bottom	Blaine	1078	1209	Cedar Hills	1248	1416	Stone Corral	1690	1742	Chase	2492	NA	Council Grove	NA	NA	TD		2855
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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 1/4	8 5/8	24	577	Pozmix & Common	300	2% cc
Production	7 7/8	5 1/2	14	2850	Class "C"	350	3% cc 20% DGD 10% DCD
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	2638-2683			A/4500 gal 15% Fe Acid + 113 BS			
2	2565-2619, 2532-2554, 2501-2524			Brk dwn w/ 16,400 gal 2% KCL wtr + 360 BS. Frac w/ 72,000 gal gelled 2% KCL wtr foamed + 213200# 12/20 sd.			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
SI WOPL		<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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
		-	900 @ 92#	-	-	-	

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole  Perforation  Dually Completed  Commingled

Other (Specify) \_\_\_\_\_

Production Interval 2501-2683 O.A.