

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 # 8914  
Name H&C Oil Operating, Inc.  
Address P.O. Box 86  
Plainville, KS 67663  
City/State/Zip

Purchaser

Operator Contact Person Chas. Ramsey  
Phone 913-434-7434

Contractor: License # 5418  
Name Allen Drilling Co.

Wellsite Geologist Robert Smith  
Phone 316-564-3362

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

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

1-30-87 2-6-87 2-6-87  
Spud Date Date Reached TD Completion Date  
3500  
Total Depth PBD

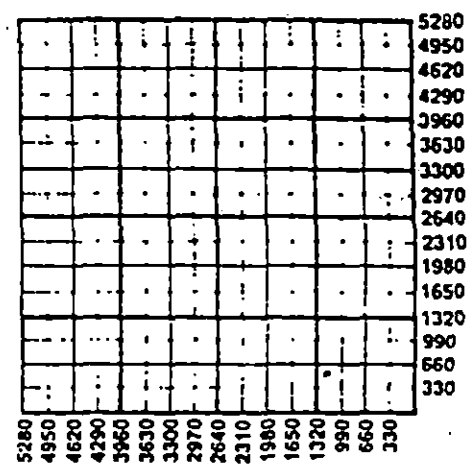
Amount of Surface Pipe Set and Cemented at 383 feet  
Multiple Stage Cementing Collar Used? Yes No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from feet depth to SX cmf  
Cement Company Name  
Invoice #

API NO. 15-009-24,226  
County Barton  
SW. SE. SE... Sec. 3... Twp. 16... Rge. 12... East  
X West

405 Ft North from Southeast Corner of Section  
1065 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Miller Well # 1  
Field Name North Beaver  
Producing Formation  
Elevation: Ground 1896 1901 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

X Surface Water 4950 Ft North from Southeast Corner  
4290 Ft West from Southeast Corner  
Sec 10 Twp 16 Rge 12 East West

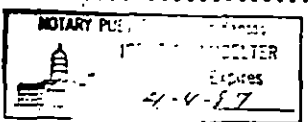
Other (explain)  
(purchased from city, R.W.D. #)

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 *Chuck K. Ramsey*  
Title AGENT Date 3-7-87

Subscribed and sworn to before me this 9th day of March 1987  
Notary Public  
Date Commission Expires



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  
STATE CORPORATION COMMISSION  
MAR 18 1987

Form ACO-1 (3-86)  
Wichita, Kansas  
03-18-87

Sec. 3, Twp. 16, Rge. 12

Operator Name H&C Oil Operating Co. Lease Name Miller Well # 1

Sec. 3 Typ. 16 Rge. 12  East  West County Barton

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

DST #1 3073-3106 30-30-30-30 HP-1608-1608 IFP-45-45  
 FFP-45-45 ISIP-759 FSIP-713 Temp. 104  
 Recovered 20' Mud  
 DST #2 3107-3180 30-60-30-60 HP-1642-1631 IFP-79-125  
 FFP-159-215 ISIP-612 FSIP-522  
 Recovered 310' Muddy Water  
 DST #3 3342-3350 30-60-30-60 HP-1753-1753 IFP-22-22  
 FFP-45-45 ISIP-238 FSIP-125  
 Recovered 65' Heavy Oil cut mud  
 DST #4 3327-3360 30-60-30-60 HP-1708-1708 IFP-79-363  
 FFP-386-578 ISIP-1051 FSIP-1051  
 Recovered 1800' salt water

Name	Top	Bottom
Heebner	2977	
Lansing	3084	
Arbuckle	3357	
Reagan	3470	

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	23	376	60/40po	175	2%ge 15%ce
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 Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity	

METHOD OF COMPLETION

Production Interval

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