

SIDE ONE

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 # 5702-8914  
Name Pendleton Land & Expl./ H & C  
Address 401 N. Broadway  
City/State/Zip Plainville, KS 67663

Purchaser

Operator Contact Person Charles Ramsey  
Phone (913) 434-7434

Contractor: License # 5418  
Name Allen Drilling Company

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
1/6/89 1/12/89 1-12-89  
Spud Date Date Reached TD Completion Date  
3550'  
Total Depth PBTD  
Amount of Surface Pipe Set and Cemented at 250 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 #  
AIRI 270

API NO. 15-007-24352  
County Barton  
W/2 NW NW Sec 28 Twp 20 Rge 11 East XX West

4620 Ft North from Southeast Corner of Section  
4950 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

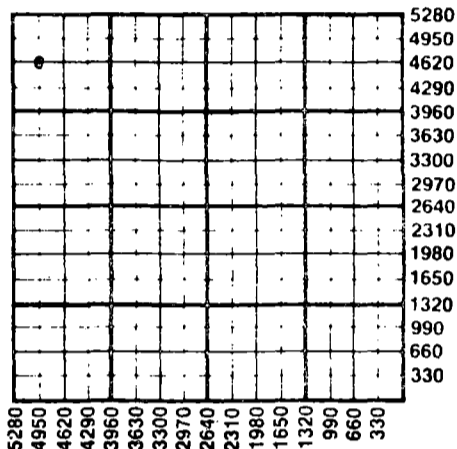
Lease Name Miller-Hagen Trust Well # 1

Field Name Chase-Silica

Producing Formation

Elevation: Ground 1783 KB 1788

Section Plat



1-30-89  
RECEIVED  
STATE CORPORATION COMMISSION  
JAN 30 1989  
CONSERVATION DIVISION  
Wichita, Kansas

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 # T89-004

X Groundwater 4720 Ft North from Southeast Corner  
4950 Ft West from Southeast Corner of  
(Well) Sec 28 Twp 20 S Rge 11 East XX West

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

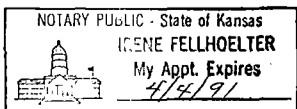
Signature Charles R. Ramsey

Title Vice-Pres. H & C Oil Operating Date 1-25-89

Subscribed and sworn to before me this 25th day of Jan. 1989

Notary Public Irene Fellhoelter

Date Commission Expires 4/4/91



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 (Specify)  
1-30-89

Section 20 Rge 11 W

Operator Name .. Pendleton Land & Expl/ H & C Oil Operations .. Lease Name .. Miller-Hagen Trust .. Well # .. 1 ..

Sec...28... Twp...20... Rge...11...  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

	Name	Top	Bottom
DST #1 3078-3195 LKC A-G 30-60-60-90	Anhydrite	526	(+1262)
HP-1550-1550 IFP-75-75 FFP-86-86	Heebner	2947	(-1159)
ISIP-859 FSIP-859 BHT-101°	Brown Lime	3076	(-1288)
Recovered 110' VSOCM	Lansing KC	3097	(-1309)
DST #3 3343-3358 Arb 30-60-30-60	Arbuckle	3339	(-1551)
HP-1709-1656 IFP-54-54 FFP-54-54			
ISIP-54 FSIP-54 BHT-104°			
Recovered 5' Oil spotted mud			
DST #2 3294-3343 Arb 30-30-30-30-			
HP-1709-1656 IFP-54-54 FFP-54-54			
ISIP-54 FSIP-54 BHT-102°			
Recovered 3' Mud			

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"	23#	250'	60/40 Poz	175	2% gel, 3% CC
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 .....  
 Commingled .....