

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- 135-21,073-0001  
County NESS  
150'N- C - SE - NW Sec. 34 Twp. 20S Rge. 22 XXX W  
3450 Feet from (S)N (circle one) Line of Section  
3300 Feet from (E)W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)  
Lease Name McfADDEN SWD Well # 4  
Field Name BARRICKLOW  
Producing Formation ARBUCKLE  
Elevation: Ground 2172' KB 2177'  
Total Depth 4912' PBDT  
Amount of Surface Pipe Set and Cemented at 413 Feet  
Multiple Stage Cementing Collar Used? XXX Yes      No  
If yes, show depth set 1421 Feet  
If Alternate II completion, cement circulated from 1421'  
feet depth to SURFACE w/ 300 sx cmt.  
Drilling Fluid Management Plan REWORK 2/94 7-10-95  
(Data must be collected from the Reserve Pit)  
Chloride content      ppm Fluid volume      bbls  
Dewatering method used       
Location of fluid disposal if hauled offsite:       
Operator Name       
Lease Name      License No.       
     Quarter Sec.      Twp.      S Rng.      E/W  
County      Docket No.     

Operator: License # 4979

Name: CASCADE OIL COMPANY

Address P O BOX 333

City/State/Zip NESS CITY, KS 67560-0333

Purchaser: N/A

Operator Contact Person: DOUG SCHAFFER

Phone (913) 798-2611

Contractor: Name:     

License:     

Wellsite Geologist: RON NELSON

Designate Type of Completion  
     New Well XXX Re-Entry      Workover

     Oil XXX SWD      SLOW      Temp. Abd.  
     Gas      ENHR      SIGW  
     Dry      Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: DANE G. HANSEN TRUST

Well Name: McfADDEN #4

Comp. Date 11-08-75 Old Total Depth 4350'

XXX Deepening      Re-perf. XXX Conv. to XXX (SWD)  
     Plug Back      PBDT  
     Commingled      Docket No.       
     Dual Completion      Docket No.       
XXX Other (SWD or Inj?) Docket No. D-26,130

10-24-90 11-05-95  
Spud Date      Date Reached TD      Completion Date     

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report 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.

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 Jamet A Hemmer  
Title KCC Research Analyst - Agent Date 7-7-95  
Subscribed and sworn to before me this 7th day of July, 1995.  
Notary Public Sharii L. Schulte  
Date Commission Expires 4-13-97

K.C.C. OFFICE USE ONLY  
F      Letter of Confidentiality Attached  
C      Wireline Log Received  
C    Geologist Report Received  
Distribution  
   KCC      SWD/Rep      NGPA  
   KGS      Plug      Other  
(Specify)  
**RECEIVED**  
KANSAS CORPORATION COMMISSION  
Form ACO-1 (7-91)

SHARII L. SCHULTE  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appl. Exp. 4-13-97

JUL 07 1995  
7-7-95  
CONSERVATION DIVISION  
WICHITA, KS

91

**SIDE TWO**

Operator Name CASCADE OIL COMPANY Lease Name McFADDEN SWD Well # 4

Sec. 34 Twp. 20 Rge. 22  East  West  
 County NESS

**ORIGINAL**

**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  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)  
 List All E.Logs Run: None

Name	Top	Datum
Anhydrite	+ 1394	+ 783
Heebner	3665	- 1488
Gilmore City	4425	- 2248
Kinderhook Shale	4492	- 2315
Viola	4501	- 2324
Simpson Shale	4661	- 2484
Arbuckle	4674	- 2497

CASING RECORD <input type="checkbox"/> New <input checked="" 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 "	24.0 #	413'	Class "C"	200	2% CaCl <sub>2</sub> ; 50 lbs Flocefe
Production	7 7/8"	5 1/2"	15 #	4691'	60/40/Poz	200	6% gel; 2% CaCl <sub>2</sub>
					[Bottom Stage]		4% Halad - 322
				Top Stage	65/35 Poz	300	8% gel; 3% CaCl <sub>2</sub> 3.6% Halad - 322

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	4691' - 4912' Open Hole	344 gals. 15% HCl	4691' - 4912'

TUBING RECORD		Size	Set At	Packer At	Liner Run			
		2 7/8" (Plastic Lined)	4639'	4639' [Baker 81 Tension]	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First, Resumed Production, SWD or Inj. 11-8-90		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Disposal Other (Explain)						
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity N/A

Disposition of Gas:  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled 4691' - 4912'  
 (If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_