

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

COPY *and*

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 SCHAFER

Phone (913) 798-2611

Contractor: Name: _____

License: _____

Wellsite Geologist: RON NELSON

Designate Type of Completion
 New Well Re-Entry Workover

Oil 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'

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

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

API NO. 15- 135-21,073-0001

County NESS

150'N- C - SE - NW Sec. 34 Twp. 20S Rge. 22 XXX E

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' PBTD

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 J 9 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.

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 Hemmen

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	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input checked="" type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other (Specify)
RECEIVED		

KANSAS CORPORATION COMMISSION
Form ACO-1 (7-91)

JUL 07 1995

CONSERVATION DIVISION
WICHITA, KS

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

Operator Name CASCADE OIL COMPANY Lease Name MCFADDEN SWD Well # 4
 Sec. 34 Twp. 20 Rge. 22 East County NESS
 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.

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

New 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 ₂ ; 50 lbs Flocele
Production	7 7/8"	5 1/2"	15 #	4691'	60/40/Poz	200	6% gel; 2% CaCl ₂
					[Bottom Stage]		4% Halad - 322
				Top Stage	65/35 Poz	300	8% gel; 3% CaCl ₂ 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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(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.		Producing Method		Disposal	
11-8-90		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift		<input checked="" type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity N/A

Disposition of Gas: **METHOD OF COMPLETION** **Production Interval**
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 4691' - 4912'
 (If vented, submit ACO-18.) Other (Specify) _____