

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 4549
Name: Anadarko Petroleum Corporation
Address: 1201 Lake Robbins Drive
City/State/Zip: The Woodlands, TX 77380
Purchaser: NA
Operator Contact Person: Jim LaFevers
Phone: (832) 636-3127
Contractor: Name: Layne Christensen Canada LTD
License: 32999

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NOV 17 2003

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Wellsite Geologist: _____
Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover
_____ Oil _____ SWD _____ SIOW _____ Temp. Abd.
 Gas _____ ENHR _____ SIGW
_____ Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____

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KANSAS CORPORATION COMMISSION

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Original Comp. Date: _____ Original Total Depth: _____
_____ Deepening _____ Re-perf. _____ Conv. to Enhr./SWD
_____ Plug Back _____ Plug Back Total Depth
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Enhr.?) _____ Docket No. _____

8/21/03	8/29/03	11/14/03
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 111-20425-00-00
County: Lyon
_____ N2 - E2 - NE Sec. 7 Twp. 16 S. R. 12 East West

1320 feet from S / N (circle one) Line of Section
985 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW

Lease Name: Hiefner Well #: 1-7
Field Name: Wildcat

Producing Formation: Cherokee
Elevation: Ground: 1224' Kelly Bushing: 1233'

Total Depth: 3018' Plug Back Total Depth: 2968'
Amount of Surface Pipe Set and Cemented at 244' Feet

Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2313' Feet

If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ACT I with 49-07
(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. R. _____ East West
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 of 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: Jim LaFevers
Title: Env & Reg Affairs Date: 11/17/03
Subscribed and sworn to before me this 17th day of November,
20 03.

Notary Public: Bertha Goston
Date Commission Expires: DEC 3 2005
BIRTHA GOSTON
NOTARY PUBLIC, STATE OF TEXAS
MY COMMISSION EXPIRES
DEC. 3, 2005

KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____
_____ Wireline Log Received
_____ Geologist Report Received
_____ UIC Distribution

X

Operator Name: Anadarko Petroleum Corporation Lease Name: Hiefner Well #: 1-7
 Sec. 7 Twp. 16 S. R. 12 East West County: Lyon

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores, and all final logs. Detail all stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure is static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 Cherokee 1970'
 Mississippian 2365'
 Arbuckle 3173'

List All E. Logs Run:

CBL, Induction, Neutron

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	# Sacs Used	Type and Percent Additives
Surface	9-5/8	12-1/4	32.3	244	Class A	130	see cmt rpt
Production	8-3/4	7	20	3012	50/50 POZ	320	see cmt rpt

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
2	2075-76, 2122-24, 2147-49		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8	2055'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. Shut In 11/14/03 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) 2075-2149

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API# 15-11-20425-00-00

ORIGINAL

**BLUE STAR
ACID SERVICE, INC.**

PO Box 103
Eureka, Kansas 67045

Cementing Ticket
and Invoice Number

N^o 4855

Date 8-22-03	Customer Order No.	Secl. 7	Twp. 16	Range 12E	Truck Called Out 11:00 p.m.	On Location 1:00 a.m.	Job Began 5:30 a.m.	Job Completed 6:15 a.m.
Owner Anadarko Petroleum Corp.		Contractor Gulick Dtg. Co.			Charge To Anadarko Petroleum Corp.			
Mailing Address 701 S Taylor, Suite 400		City Amarillo			State Texas 79101			
Well No. & Form HieOver # 1-7		Place Lyon			State Kansas			
Depth of Well 250'	Depth of Job 247'	Casing (New) (Used)	Size 9 5/8"	Weight 32.3 lbs	Size of Hole Ann. and Kind 12 1/4"	Cement 130 sks.	Cement Left in casing by	Request (Necessary)
Kind of Job Surface Pipe > P.B.T.O. 206'					Drillpipe _____ (Rotary) Tubing _____ (Cable) Truck No. #25			

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Price Reference No.	1
Price of Job	425.00
Second Stage	
Mileage	60 > 135.00
Other Charges	
Total Charges	560.00

Remarks Safety Meeting: Rig up to 9 5/8" casing, Pressure Test Lines to 1000 PSI. Break circulation with 20 Bbls fresh water. Mixed 130 sks Reg. cement with 3% CACL2 and 1% Flocc. at 14.9 lbs. P/WG. shutdown. Release Plug - Displace Plug with 16 1/4 Bbls fresh water. Bumped Plug to 350 PSI wait 2 minutes - Release Pressure - Float did not Hold Pressure. Plug back up to 300 PSI - close casing in. Job complete with cement returns to surface.

Teardown

Cementor Brad Butler

Helper Troy - Steve District Eureka State Kansas

The above job was done under supervision of the owner, operator, or his agent whose signature appears below.

"Thank you"

X Agent of contractor or operator

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
130	sks. Regular - Class A cement	7.75	1007.50
370	lbs. CACL2 3%	.35	129.50
35	lbs. Flocc. 1/4 lb. P/WG.	1.00	35.00
RECEIVED KANSAS CORPORATION COMMISSION NOV 18 2003			
	CONSERVATION DIVISION WICHITA, KS		
1	9 5/8" Guide shoe	178.00	
1	9 5/8" Inset Flapper Valve	130.00	130.00
2	9 5/8" x 12 1/4" Centralizers	60.00	120.00
1	CON Thread Lock Compound	20.00	
1	9 5/8" Inboard Plug	50.00	50.00
1	9 5/8" Stop Ring	25.00	25.00
Plugs	130 sks Handling & Dumping	.50	65.00
	611 Tax Mileage 60	.80	293.28
	Sub Total		2415.28
	Delivered by Truck No. #16	Discount	
	Delivered from Eureka	Sales Tax	5.8%
	Signature of operator Brad Butler	Total	140.08
			2555.36

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API # 15-111-20425-00-00

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HALLIBURTON JOB LOG		TICKET # 2640839	TICKET DATE 08/29/03
REGION Central Operations	NWA / COUNTRY Mid Contintnt/USA	BDA / STATE MC/Ks	COUNTY LYON
MBU ID / EMPL # MCLIO103 106304	H.E.S EMPLOYEE NAME TYCE DAVIS	PSL DEPARTMENT Cement	NOV 17 2003
LOCATION LIBERAL KS	COMPANY ANADARKO PETROLEUM CORPO	CUSTOMER REP / PHONE RAYMOND NEW	806-672-7528
TICKET AMOUNT \$27,495.91	WELL TYPE 02 Gas	API/WVI #	
WELL LOCATION LAND NE ALLEN KS	DEPARTMENT CEMENT	JOB PURPOSE CODE Cement Production Casing	
LEASE NAME HEIFNER	Well No. 1-7	SEC / TWP / RNS 7 - 16S - 12E	HES FACILITY (CLOSEST TO WELL S) LIBERAL KS

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HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
Davis, T 106304							
Wille D 225409							
Burrows, R 273921	2						
Schawo, N 222552							

Chart No	Time	Rate (BPM)	Volume (BBL/GAL)	Rate		Press. (PSI)		Job Description / Remarks
				MC	CSG	CSG	Tog	
8-28-03	1830							CALLED OUT FOR JOB
	0200							ON LOCATION RIG WAITING ON LOGGERS
8-29-03	1500							CALLED OUT FOR JOB
	1900							ON LOCATION RIG UP CASERS
	2045							START CASING AND FE
	2138							RECEIVED KANSAS CORPORATION COMMISSION
	2145							PUT D.V. TOOL ON JT# 17 AT 2315FT
	2200							NOV 18 2003 BREAK CIRC
	2245							RUN CASING
	2300							CONSERVATION DIVISION WICHITA, KS BREAK CIRC
								RUN CASING
	0120							CASING ON BOTTOM HOOK UP PC AND CIRC LINES
	0130							BREAK CIRC W/RIG
	0135							CIRC TO PIT
	0415							THRU CIRC HOOK LINES TO PT
	0417							PSI TEST LINES
	0421	6.0	19.0			100		PUMP 25SX PREM 50/50POZ AT 10#
	0425	6.0	22.0			100		PUMP 76SX PREM 50/50POZ AT 13.2#
	0430							SHUT DOWN DROP PLUG
	0431	4.5	25.0			50		PUMP DISPLACEMENT H20
	0437	4.5	10.0			10		PUMP GEL SPACER
	0440	6.5	83.5			50		PUMP MUD DISPLACEMENT
	0450	6.5	118.0			50-120		95 BBLs IN LIFT CEMENT
	0453	2.0	118.0			70		108 BBLs IN SLOW RATE
	0502	2.0	118.0			200-1500		LAND PLUG
	0505					1500-0		RELEASE PSI HELD
	0507							DROP DV OPENING PLUG
	0521	2.0	1.0			0-750		OPEN DV TOOL
	0530							CIRC 4HRS
	0920							THRU CIRC HOOK LINES TO PT
	0924							PSI TEST LINES
	0928	6.0	19.0			130		PUMP 25SX PREM 50/50POZ AT 10#
	0932	6.0	56.0			120		PUMP 198SX PREM 50/50POZ AT 13.2#

