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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

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: Murfin Drilling Co., Inc.
License: 30606
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:
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.

6/13/03	6/22/03	7/25/03
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 067-21541-00-00
County: Grant
S2 - SW - SW Sec. 21 Twp. 29 S. R. 35 ☐ East ☑ West
350 feet from (S) / N (circle one) Line of Section
660 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Lighty "A" Well #: 1
Field Name: Wildcat
Producing Formation: Morrow/Chester
Elevation: Ground: 2971.5 Kelly Bushing: 2983
Total Depth: 5700 Plug Back Total Depth: 5642
Amount of Surface Pipe Set and Cemented at 1796 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set Feet
If Alternate II completion, cement circulated from
feet depth to w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 1000 ppm Fluid volume 700 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.:

RECEIVED
KANSAS CORPORATION COMMISSION
OCT 27 2003
CONSERVATION DIVISION
WICHITA, KS

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 Lavers
Title: Env & Reg Affairs Date: 10/24/03
Subscribed and sworn to before me this 24th day of October
20 03
Notary Public: Bertha Coston
Date Commission Expires: BERTHA COSTON NOTARY PUBLIC, STATE OF TEXAS MY COMMISSION EXPIRES DEC 3, 2005

KCC Office Use ONLY
- ✔ Letter of Confidentiality Attached
- If Denied, Yes ☑ Date: 1-22-04 DRW
- ✔ Wireline Log Received
- N Geologist Report Received
- ___ UIC Distribution

Side Two

Operator Name: Anadarko Petroleum Corporation Lease Name: Lighty "A" Well #: 1

Sec. 21 Twp. 29 S. R. 35 ☐ East ☑ West County: Grant

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 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 (*Attach Additional Sheets*) ☐ Yes ☑ No

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run (*Submit Copy*) ☑ Yes ☐ No

List All E. Logs Run:

CN/MC/LDGR, Sonic/GR, CCL/GR, AI/GR/LC/Sp, Micro/GR

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Chase	2430	542
Council Grove	2726	246
Marmaton	4640	-1668
Morrow	5628	-2296
St. Louis	5630	-2658

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	# Sacjs Used	Type and Percent Additives
Surface	12-1/4	8-5/8	22.18	1796	P+MC/P+	420/125	see cmt rpt
Production	7-7/8	5-1/2	15.5	5703	50/50 POZ	180	see cmt rpt

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ 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
6	5342' - 5358'	Frac: 43364 gals N2 w/ 90,000# 20/40	5342-5358

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8	5307		☐ Yes ☑ No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
9/12/03	☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other (*Explain*)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	73	0	324	na	30.2

Disposition of Gas: ☐ Vented ☐ Sold ☐ Used on Lease (*If vented, Submit ACO-18.*)

METHOD OF COMPLETION: ☐ Open Hole ☑ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (*Specify*)

Production Interval: 5342'-5358'