

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

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: KGS

Operator Contact Person: DAVID W. KAPPL

Phone (316) 624-6253

Contractor: Name: DUKE DRILLING

License: 5929

Wellsite Geologist: \_\_\_\_\_

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: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBT  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

9-1-98 9-10-98 9-24-98  
Spud Date Date Reached TD Completion Date

API No. 15- 033-20970-0000

County COMANCHE

    - NW - SE - NE Sec. 14 Twp. 31 Rge. 18  E  W

1650 Feet from NYX (circle one) Line of Section

990 Feet from EX (circle one) Line of Section

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

Lease Name PYLE "B" Well # 2

Field Name WILMORE

Producing Formation MISSISSIPPI

Elevation: Ground 2074.0 KB \_\_\_\_\_

Total Depth 5200 PBD 5166

Amount of Surface Pipe Set and Cemented at 504 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 Att. 1, 11-19-98 v.c.  
(Data must be collected from the Reserve Pit)

Chloride content 6500 ppm Fluid volume 700 bbls

Dewatering method used DRY, BACKFILL & RESTORE LOCATION.

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 L. Marc Harvey  
Title DRILLING TECHNICAL ASSISTANT Date 10-22-98

Subscribed and sworn to before me this 22nd day of October

19 98.

Notary Public Freda L. Hinz

Date Commission Expires \_\_\_\_\_

**FREDA L. HINZ**  
Notary Public - State of Kansas  
5-15-99

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)

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name PYLE "B" Well # 2

Sec. 14 Twp. 31 Rge. 18  East  West County COMANCHE

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: CBL-CCL-GR, DIL, ML, CNL-LDT.

Log Formation (Top), Depth and Datums  Sample

Name	Top	Datum
ADMIRE	3316	
WABAUNSEE	3448	
TOPEKA	3698	
HEEBNER	4167	
DOUGLAS	4227	
LANSING	4360	
B/KANSAS CITY	4772	
MARMATON	4830	
CHEROKEE	4920	
MISSISSIPPIAN	5001	
OSAGE	5054	

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"	23.0	504	P+ MIDCON 2/ P+	90/115	3%CC, 1/4#SK FLC/ 2%CC, 1/4#SK FLC.
PRODUCTION	7-7/8"	5-1/2"	15.5	5200	50/50 POZ.	180	.75% HALAD 322, 10% SALT, 1/4#SK FLC.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: ____ Perforate ____ Protect Casing ____ Plug Back TD ____ Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

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	5039-5043.		ACID: 500 GAL 15% FeHCL.
2	5017-5029, 5001-5003.		ACID: 4200 GAL FOAMED HCL.	5001-5029 (OA)

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	4998		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. 10-9-98 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		590			

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 5001-5043 (OA)



TICKET #	TICKET DATE
ORDER NO. 79006	
BDA / STATE	COUNTY
PSL DEPARTMENT	
CUSTOMER REP / PHONE	
API / UWI #	
JOB PURPOSE CODE	
SEC / TWP / RNG	

REGION	NWA/COUNTRY
North America	
MBU ID / EMP #	EMPLOYEE NAME
LOCATION	COMPANY
TICKET AMOUNT	WELL TYPE
WELL LOCATION	DEPARTMENT
LEASE / WELL #	

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
	4						
	4						
	4						

CHART NO.	TIME	RATE (BPM)	VOLUME (BBT/GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
# 1	1430							Called Out
	1730							On Loc w/Trks Safety mtg
								Cent 1+2 Basket 80' from top
								Rig up Howco
								Csg on Bottom Drop Ball & Circ w/Rig
	1945	3	2			✓	150	H2O Spacer
	1951	6				✓	200	St mixing lead Cmt @ 11.1ppg 90 sks
	1959	6	51.6			✓	190	St mixing Tail Cmt @ 15.6ppg 115 sks
	2003	⊖	24.1			✓	⊖	Finish mixing Cmt
	2004		75.7			✓	⊖	Total 151 Release Top Swiper Plug
	2005	6				✓	100	St Disp w/H2O
	2011	⊖	30.4			✓	800	Plug Down & psi Test Csg
						✓	⊖	Release psi flowed Back
	2012	1	2			✓	500	psi Csg
	2003					✓	160	Release psi flowed Back
	2005	2	2			✓	260	psi Csg & Close in w. 14. Circ 10 Bbl's Cmt = 17 sks

RECEIVED  
 HALLIBURTON  
 11/26/03 11:12





JOB LOG 4239-5

ORIGINAL

TICKET #	TICKET DATE
BDA / STATE	COUNTY
PSL DEPARTMENT	
CUSTOMER REP / PHONE	
API / UWI #	
DEPARTMENT	JOB-PURPOSE CODE
SEC / TWP / RNG	

REGION	NWA/COUNTRY
MBU ID / EMP #	EMPLOYEE NAME
LOCATION	COMPANY
TICKET AMOUNT	WELL TYPE
WELL LOCATION	DEPARTMENT
LEASE / WELL #	SEC / TWP / RNG

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

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS	PRESS. (psi)		JOB DESCRIPTION / REMARKS
					T	C	
	0800						Called out
	0830						Onloc.
	0845						Start 5.5" Casing in hole
	0900						Csg on bottom
	0915						Hook up Circulating
	1030						Plug N.H.
	1035						Plug R.H.
	1045						Hook up to Cement
	1055	5	8 BBL			200	Pump 8 BBL Lite
	1057	5	10 BBL			200	Pump 10 BBL SureFlush
	1059	5	8 BBL			200	Pump 8 BBL Spacer
	11:05	6				250	Start Mixing Cement
	11:15	Q	42 BBL			Q	Cement Mixed, Close Valve, Washout Pump, Release Plug, Open Top Valve
	11:20	6.5				Q	Start Displacement
	11:38	6.5				625	Lifting Cement
	11:44	Q	123 BBL			1000	Plug Down
	11:44					3000	PSI TEST USg.
	11:45						Release PSI, Plug Held.
	12:00						Job Complete

Thank you  
Kurt Doherty