

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

API NO. 15- 189-22326

County STEVENS

C - SW - SE Sec. 28 Twp. 32 Rge. 35 X W

Operator: License # 4549

CONFIDENTIAL

660 Feet from X (circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION

1980 Feet from P/X (circle one) Line of Section

Address P. O. BOX 351

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

City/State/Zip LIBERAL, KANSAS 67905-0351

Lease Name HJV MILLER "A" Well # 1

Purchaser: ANADARKO ENERGY SERVICES

Field Name NORTHWOODS

Operator Contact Person: SHAWN YOUNG

Producing Formation L. MORROW

Phone (316) 624-6253

Elevation: Ground 2988 KB _____

Contractor: Name: NORSEMAN DRILLING

Total Depth 6450 PBDT 6034

License: 3779

Amount of Surface Pipe Set and Cemented at 1769 Feet

Wellsite Geologist: _____

Multiple Stage Cementing Collar Used? X Yes _____ No

Designate Type of Completion

X New Well _____ Re-Entry _____ Workover _____

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

If yes, show depth set 3389 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

If Workover:

KCC

Operator: _____

Drilling Fluid Management Plan APP. 1, 5-8-00 U/C
(Data must be collected from the Reserve Pit)

Well Name: _____

Chloride content 1100 ppm Fluid volume 700 bbls

Comp. Date _____ Old Total Depth _____

Dewatering method used DRY, BACKFILL & RESTORE LOCATION

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

Location of fluid disposal if hauled offsite:

RELEASED

Operator Name _____

Lease Name APR 25 2002 License No. _____

12-9-1999 12-20-1999 1-8-2000

_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

Spud Date Date Reached TD Completion Date

County FROM CONFIDENTIAL 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 3-9-2000

Subscribed and sworn to before me this 9th day of March

Notary Public Shirley J Childers

Date Commission Expires _____

NOTARY PUBLIC - State of Kansas
SHIRLEY J. CHILDERS
My Appt. Exp. 11/14/02

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) IDG

Operator Name ANDARKO PETROLEUM CORPORATION Lease Name HJV MILLER "A" Well # 1

Sec. 28 Twp. 32 Rge. 35 East

County STEVENS

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

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
CHASE	2636	
COUNCIL GROVE	2966	
B/HEEBNER	4224	
MARMATON	5014	
MORROW	5644	
CHESTER	5972	
STE. GENEVIEVE	6218	
ST. LOUIS	6302	

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	1769	CLASS C/ CLASS C.	400/100	3%CC, 1/4#/SK CF 2CC, 1/4#/SK CF.
PRODUCTION	7-7/8"	5-1/2"	15.5	6098	50/50 POZ/ 50/50 POZ.	25/100	.75% HALAD 322, 10% SALT, 1/4#/SK CF/SAME.
			F.O. TOOL @	3389	MIDCON 2/ 50/50 POZ	50/50	3%CC, 1/4#/SK CF/ .75% HALAD 322, 10% SALT, 1/4#/SK CF.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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	
	3	5946-52.		ACID: 600 GAL 7% HCL.
			FRAC: 24,000 GAL FOAMED GEL & 30,000#	5946-52
			16/30 SD.	

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 3-8-2000 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		1300			

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 5946-52.