

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

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: NATIONAL COOPERATIVE REFINING ASSOCIATION

Operator Contact Person: SHAWN YOUNG

Phone (316) 624-6253

Contractor: Name: BIG "A" DRILLING

License: 31572

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:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

5/9/2000 5/31/2000 7/10/2000

Spud Date Date Reached TD Completion Date

API NO. 15- 189-22337

County STEVENS

70' N & 80' W OF: _____ E

C - NE - SW Sec. 30 Twp. 32S Rge. 38 X W

2050 Feet from X (S) (circle one) Line of Section

1900 Feet from X (W) (circle one) Line of Section

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

Lease Name SHAFFER "D" Well # 2

Field Name WILDCAT

Producing Formation MORROW

Elevation: Ground 3202 KB _____

Total Depth 6400 PBD 6000

Amount of Surface Pipe Set and Cemented at 1670 Feet

Multiple Stage Cementing Collar Used? X Yes _____ No

If yes, show depth set 3075 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan Per 5/9/00 JB
(Data must be collected from the Reserve Pit)

Chloride content 4200 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 8-7-2000

Subscribed and sworn to before me this 7th day of August

20 00.

Notary Public Shirley J. Wheeler

Date Commission Expires _____

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input checked="" type="checkbox"/> NGPA
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input checked="" type="checkbox"/> Other
<u>IOG</u> (Specify)		

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name SHAFFER "D" Well # 2

Sec. 30 Twp. 32S Rge. 38
 East
 West

County STEVENS

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, LS SONIC.

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
CHASE	2434	
COUNCIL GROVE	2761	
B/HHEEBNER	3988	
MARMATON	4756	
MORROW	5524	
CHESTER	6028	
STE. GENEVIEVE	6144	
ST. LOUIS	6226	

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
CONDUCTOR	17-1/2"	13-3/8"	40.0	547	CLASS C/C.	190/100	3D29, 2D46, .5D29/2S1, .25D29.
SURFACE	12-1/4"	8-5/8"	23.0	1670	CLASS C/C.	420/100	3D29, 2D46, .5D29/2S1, .25D29.
PRODUCTION	7-7/8"	5-1/2"	15.5 DV TOOL @	6885 5308	50/50 POZ/ P+ MIDCON/ P+ MIDCON	275/ 290/ 50	1) 10% SALT, 4% CALSEAL, .75% H322, 1/4#/SK CF/ 2) 2CC, 1/2#/SK CF/ 2CC, 1/4#/SK CF.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
___ Perforate					
___ Protect Casing	1670	1852	CLASS C	100/50	3D79, .2D46/3S1.
___ Plug Back TD					
<u>X</u> Plug Off Zone	1670	2088	CLASS C	100/50	NEAT/3%CC.

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	
	Size	Set At	Packer At	Liner Run
4	6250-60.	CIBP @ 6240.		
4	6005-12.	CMT RET @ 6000.		
6	5886-96.			ACID: 1000 GAL 7-1/5% HCL. 5886-96.
				FRAC: 25000 GAL GEL & 72000# 16/30 SD. 5886-96.
TUBING RECORD	Size 2 7/8"	Set At 5896	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. 7/13/2000		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil 50 Bbls.	Gas 59 Mcf	Water 93 Bbls.	Gas-Oil Ratio 1180	Gravity 42.5

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: 5886-96.