

FORM MUST BE TYPED

SIDE ONE

ORIGINAL

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

API NO. 15- 129-21570-00-00

County MORTON
90' S & 140' E OF
C - SE - SE - NW Sec. 17 Twp. 33 Rge. 41 X W

Operator: License # 4549

2400 Feet from NW (circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION

2450 Feet from W (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 NEPTUNE "A" Well # 2

Purchaser: ANADARKO ENERGY SERVICES

Field Name BERRYMAN

Operator Contact Person: DAVID W. KAPPLER

Producing Formation WABAUNSEE

Phone (316) 624-6253

Elevation: Ground 3422.8 KB

Contractor: Name: CHEYENNE DRILLING

Total Depth 3370 PBTB 3046

License: 5382

Amount of Surface Pipe Set and Cemented at 502 Feet

Wellsite Geologist:

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion

If yes, show depth set _____ Feet

X New Well _____ Re-Entry _____ Workover

If Alternate II completion, cement circulated from _____

_____ Oil _____ SWD _____ SIOW _____ Temp. Abd.

feet depth to _____ w/ _____ sx cmt.

X Gas _____ ENHR _____ SIGW

Drilling Fluid Management Plan AH-1, 1-21-99 DC
(Data must be collected from the Reserve Pit)

_____ Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Chloride content 1300 ppm Fluid volume 400 bbls

Operator: _____

Dewatering method used DRY, BACKFILL & RESTORE LOCATION.

Well Name: _____

Location of fluid disposal if hauled offsite:

Comp. Date _____ Old Total Depth _____

Operator Name _____

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD

Lease Name _____ License No. _____

_____ Plug Back _____ PBTB

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

_____ Commingled _____ Docket No. _____

County _____ Docket No. _____

_____ Dual Completion _____ Docket No. _____

_____ Other (SWD or Inj?) _____ Docket No. _____

11-16-98 11-19-98 11-30-98

Spud Date Date Reached TD Completion Date

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.

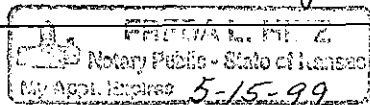
Signature L. Marc Harvey

Title DRILLING TECHNICAL ASSISTANT Date 1-6-99

Subscribed and sworn to before me this 6th day of January 19 99.

Notary Public Freda L. King

Date Commission Expires _____



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 NEPTUNE "A" Well # 2

Sec. 17 Twp. 33 Rge. 41 East County MORTON
 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, DIMLL, CNL-LDT.

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
WELLINGTON	1938	
HERRINGTON	2130	
KRIDER	2178	
ODELL	2206	
WINFIELD	2228	
FT. RILEY	2354	
COUNCIL GROVE	2466	
ADMIRE SH.	2710	
WABAUNSEE	2896	
TOPEKA	3144	

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	502	CLASS C/ CLASS C.	60/120	3%D79, .2%D46, 1/4#/SK D29, 2%S1, 1/4#SK D29.
PRODUCTION	7-7/8"	5-1/2"	15.5	3092	CLASS C/ CLASS C.	190/75	3%D79, .2%D46, 2% S1 1/4#SK D29/SAME.

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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
2	2906-2920, 2924-2930, 2940-2950.	ACID: 1500 GAL 15% HCL. 2906-2950 (OA)

TUBING RECORD	Size 2-3/8	Set At 2901	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 12-10-98 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf 396	Water Bbls. 0	Gas-Oil Ratio	Gravity
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Production Interval 2906-2950 (OA)
 Other (Specify) _____

Schlumberger Dowell														
Cement Job Report														
JOB TYPE:	5 1/2" Longstring	DS INVOICE#:	9090250000	SERV SUPV:	Danny Reid									
CUSTOMER:	Anadarko Petroleum Corp.	SERVICE DATE:	11/19/98											
WELL NAME:	Neptune A-2	DRLG CONTR:	Cheyenne #8											
DISTRICT:	Ulysses, KS	SEC-TWP-RNG	SEC 17-33S-41W	COUNTY, ST.	Morton, Kansas									
SIZE & TYPE OF PLUGS		CASING HARDWARE:		PHYSICAL SLURRY PROPERTIES										
Top:	5 1/2" plastic	Guide shoe, float insert		Slurry Wt.	Slurry Yield	Water GPS	Pump Time	Bbl Slurry	Bbl Wtr.					
Btm:		12 centralizers.		PPG	Ft3		Hr/Min							
MATERIALS FURNISHED BY DS														
No. Sks.	Additives													
190	C + 3% D79 + 2% S1 + 0.2% D46 + 1/4 PPS D29													
				11.1	3.2	6.2		108	28					
75	C + 3% D79 + 2% S1 + 0.2% D46 + 1/4 PPS D29													
				12.8	2.0	9.8		27	18					
TOTAL								135	46					
HOLE			TBG-CSG-D.P.				TBG-CSG-D.P.				COLLAR DEPTHS			
Size	%Excess	Depth	Size	Wt	Type	Depth	Size	Wt	Type	Depth	Shoe	Float	Stage	
7.875		3370	5.5	15.5	WC-50	3075								
LAST CASING			PKR-CMT RET- BR PL-LINER				PERF DEPTH		TOP CONN		WELL FLUID			
Size	Wgt	Type	Depth	Brand & Type			Depth	Top	Btm	Size	Thrds	Type	Wgt	
8.625	23	WC-50	508											
CALC DISP VOL-Bbls				CALC PSI		CALC MAX PSI		MAX TBG PSI		MAX CSG PSI		DISP FLUID		WTR
Tbg	Csg	Csg	Tot	To Bump Plug		To Rev		Rated	Op	Rated	Op	Type	Wgt	SRCE
	72.8		72.8	560		0						H20	8.33	RIG
Notes, Explanation of Trouble, Setting Tool, Running Casing, Etc.														
Pressure Rate Detail							EXPLANATION							
TIME:	PRESSURE-PSI		RATE		BBI FLUID		TOTAL		FLUID					
Hr/Min	Pipe	Annulus	BPM	PUMPED		PMPD		TYPE						
							0	Arrive on loc Start spacer Start lead Start tail Shut down, drop plug Start displacement Bump plug Check float End job						
20:00							0							
23:34	245		6.2	26		26								
23:38	140		5.2	100		126								
23:56	199		5.9	23		149								
23:59	0		4.3	0		149								
0:01	126		6	73.6		222.6								
0:31	855													
0:32	0													
BUMPED PLUG		PSI TO BUMP PLUG		TEST FLOAT EQUIP		Bbl CMT Returns/Reversed								TOTAL Bbl Pumped
YES		850		YES		0		223		0				