

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

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: NONE

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253

Contractor: Name: CHEYENNE DRILLING

License: 5382

Wellsite Geologist: N/A

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 PBD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

9-11-96 9-18-96 10-7-96
Spud Date Date Reached TD Completion Date

API NO. 15- 119-20970-0000

County MEADE

 - - NE - SW Sec. 24 Twp. 32 Rge. 30 E W

1980 Feet from X (circle one) Line of Section

1980 Feet from X (circle one) Line of Section

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

Lease Name FOX "I" Well # 1

Field Name ANGELL

Producing Formation NONE

Elevation: Ground 2729.0 KB _____

Total Depth 6150 PBDT 0

Amount of Surface Pipe Set and Cemented at 1553 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 ART / DPW
(Data must be collected from the Reserve Pit) 4-23-97

Chloride content 3600 ppm Fluid volume 700 bbls

Dewatering method used NATURAL EVAPORATION

Location of fluid disposal if hauled offsite ON

Operator Name _____

Lease Name _____ License No. _____

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

County _____

RECEIVED
STATE CORPORATION COMMISSION
FEB 11 1997
CONSERVATION DIVISION
Wichita, Kansas
W-1000

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 David W. Kappler
DAVID W. KAPPLER

Title DIVISION DRILLING ENGINEER Date 2/6/98

Subscribed and sworn to before me this 6th day of February 19 98.

Notary Public L. Marc Harvey
L. MARC HARVEY
Notary Public - State of Kansas
My Appt. Expires 6-12-99

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)
Deny 2-2-97
DPW

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name FOX "I" Well # 1

Sec. 24 Twp. 32 Rge. 30 East County MEADED
 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: DIL, ML, CNL-LDT, SBT-CCL-GR.

<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample		
Name	Top	Datum
CHASE	2782	
COUNCIL GROVE	3004	
LANSING	4484	
KANSAS CITY	4930	
MARMATON	5120	
MORROW	5594	
CHESTER	5658	
STE. GENEVIEVE	5876	
ST. LOUIS	5974	

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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	1553	P+ MIDCON 2/ P+	305/100	3%CC, 1/4#SK FLC/ 2%CC, 1/4#SK FLC.
PRODUCTION	7-7/8	5-1/2	15.5	5916	VERSASET	100	.6% HALAD 322, 5%KCL .9% VERSASET, 1/4#/ SK FLOCELE.

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	
	3	5842-5852		ACID: 2000 GAL 7-1/2% FeHCL

TUBING RECORD **	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. **	Producing Method ** <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			

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

Disposition of Gas:** METHOD OF COMPLETION ** Production Interval**

Vented Sold Used on Lease (If vented, submit ACO-18.) Open Hole Perf. Dually Comp. Commingled _____

** P&A 1-24-96 Other (Specify) _____

KCC

ORIGINAL

ANADARKO PETROLEUM CORPORATION
FOX I-1
SECTION 24-T32S-R30W
MEADE COUNTY, KANSAS

15-119-20970

COMMENCED: 09-11-96
COMPLETED: 09-20-96

SURFACE CASING: 1555' OF 8 5/8" CMTD
W/305 SKS PREMIUM PLUS MIDCON + 3% CC
+ 1/4#/SK FLOCELE. TAILED IN W/100 SKS
PREMIUM PLUS + 2% CC + 1/4 #/SK FLOCELE.

FORMATION	DEPTH
SURFACE HOLE	0 - 1556
RED BED & SHALE	1556 - 1810
SHALE	1810 - 2720
LIMESTONE & SHALE	2720 - 6150 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

RECEIVED
STATE CORPORATION COMMISSION
FEB 11 1997
CONSERVATION DIVISION
Wichita, Kansas

CHEYENNE DRILLING, INC.

Wray Valentine

WRAY VALENTINE

STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 20TH DAY OF SEPTEMBER, 1996.

JOLENE K. RUSSELL

Jolene K Russell
NOTARY PUBLIC

JOLENE K. RUSSELL
State of Kansas
My Appt. Exp. 9-13-99



JOB SUMMARY

HALLIBURTON DIVISION Mid. Continent
HALLIBURTON LOCATION Liberal

BILLED ON TICKET NO. 920571 **KCC**

WELL DATA
FIELD _____ SEC. 24 TWP. 37S RNG. 30W COUNTY Meade STATE KS

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
PACKER TYPE _____ SET AT _____
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>N</u>	<u>23</u>	<u>8 3/8</u>	<u>KB</u>	<u>1580</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COUPLER <u>Insert</u> <u>8 3/8</u>	<u>1</u>	<u>H</u>
FLOAT SHOE		
GUIDE SHOE <u>8 3/8</u>	<u>1</u>	<u>SEA</u>
CENTRALIZERS <u>8 3/8</u>	<u>5</u>	
BOTTOM PLUG		<u>L</u>
TOP PLUG		
HEAD <u>PIC</u> <u>8 3/8</u>	<u>1</u>	<u>C</u>
PACKER <u>Basket</u> <u>8 3/8</u>	<u>1</u>	
OTHER <u>Weld-A</u>	<u>1</u>	<u>O</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL. API
DISPL. FLUID _____ DENSITY _____ LB./GAL. API
PROP. TYPE _____ SIZE _____ LB.
PROP. TYPE _____ SIZE _____ LB.
ACID TYPE _____ GAL. _____ %
ACID TYPE _____ GAL. _____ %
ACID TYPE _____ GAL. _____ %
SURFACTANT TYPE _____ GAL. _____ IN
NE AGENT TYPE _____ GAL. _____ IN
FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN
GELLING AGENT TYPE _____ GAL.-LB. _____ IN
FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
BREAKER TYPE _____ GAL.-LB. _____ IN
BLOCKING AGENT TYPE _____ GAL.-LB. _____
PERFPAC BALLS TYPE _____ QTY. _____
OTHER _____
OTHER _____

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9-12-96</u> TIME <u>5:00</u>	DATE <u>9-12-96</u> TIME <u>8:00</u>	DATE <u>9-12-96</u> TIME <u>11:30</u>	DATE <u>9-12-96</u> TIME <u>12:30</u>

PERSONNEL AND SERVICE UNITS		
NAME	UNIT NO. & TYPE	LOCATION
<u>J. Woodrow</u>		
<u>D. McKane</u>		
<u>D. Corpening</u>		
<u>S. Telford</u>		

DEPARTMENT Cement
DESCRIPTION OF JOB Cement 8 3/8 casing

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X Job Sh. Co.

HALLIBURTON OPERATOR _____ COPIES REQUESTED _____

CEMENT DATA								
STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.	
<u>1</u>	<u>305</u>	<u>Pt Midcon</u>	<u>South West</u>	<u>B</u>	<u>3% CC 1/4" Stocel</u>	<u>3.22</u>	<u>11.1</u>	
<u>2</u>	<u>100</u>	<u>P+</u>	<u>South West</u>	<u>B</u>	<u>2% CC 1/4" Stocel</u>	<u>1.32</u>	<u>14.8</u>	

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
BREAKDOWN _____ MAXIMUM _____
AVERAGE _____ FRACTURE GRADIENT _____
SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____
HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____
AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE _____

FEET 38 REASON Shoe Joint

SUMMARY

PRESLUSH: BBL.-GAL. _____ TYPE _____
LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
TREATMENT: BBL.-GAL. _____ DISPL. BBL.-GAL. 98
CEMENT SLURRY: BBL.-GAL. L.C. 1.705 T.C. 23.5 total 198.5
TOTAL VOLUME: BBL.-GAL. _____

REMARKS
RECEIVED
STATE CORPORATION COMMISSION
FEB 11 1997

CUSTOMER: Halliburton
LEASE: 50x 17
WELL NO.: 1
JOB TYPE: 8 3/8 Surface
DATE: 9-12-96



JOB LOG HAL-2013-C

CUSTOMER ANADARKO PETROLEUM	WELL NO. 1	LEASE FOX T	JOB TYPE 8 7/8 SURFACE	TICKET NO. 920571
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0500							JOB READY NOW
	0500							called out for job
	0800							Pump truck on location - Rig
	0815							still drilling - set up pump truck
	0830							Rig through cutting 1556' of 13 1/4 hole
	0930							on bottom circulating
	1115							TRIP OUT DRILL PIPE
	1125							START RUNNING 8 7/8 CSS + FIT EQUIP
	1125							CASING ON BOTTOM 1555' - HOOR UP
	1130							8 7/8 P/O + CIRCULATING T/RON
								START CIRCULATING WITH P.C PUMP
								HOLD SAFETY MEETING
								THROUGH CIRCULATING - HOOR UP TO PUMP TRUCK
								JOB PROCEDURE
	1135	6.0	175			0/600		START MIXING 305 SPS P4 MEDICAL LEAD CMT AT 11.1' ^{UP}
	1202	6.0	23.5			115/150		START MIXING 100 SPS P4 TAN CMT AT 14.8' ^{UP}
	1207	6.5	19.80			0		THROUGH MIXING CEMENT - SHUT DOWN
								RELEASE PLUG - START DISPLACING
								HAVE 45 BBL'S OUT - HAVE GOOD CMT RETURNS
	1230		98			750/1004		MAY LIFT PRESSURE BEFORE LINDING PLUG
	1301							PLUG DOWN - RELEASE FLOAT
								FLOAT HELD
								OFF LOG
								CIRCULATED (50 BBL'S 85 SPS) ✓

ORIGINAL

THANK YOU!

GALLAGHER

WOODY & DANNY

CREW

RECEIVED
OPERATIONAL PERMISSION
STATE OF KANSAS
FEB 1 1992
CONSERVATION DIVISION
Wichita, Kansas



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

MID-CONTINENT
LIBERAL Ks.

BILLED ON TICKET NO. 106865

KCC

WELL DATA

FIELD _____ SEC. 24 TWP. 32S RING. 30W COUNTY MEADE STATE Ks.

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	W	23	8 5/8	GL.	1555	
INNER CSG	N	15.5	5 1/2	KB	5916	
TUBING						
OPEN HOLE			7 1/8	1555	6150	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>INSERT</u>	<u>1</u>	<u>H</u>
FLOAT SHOE <u>FILLUP</u>	<u>1</u>	
GUIDE SHOE <u>REGULAR</u>	<u>1</u>	<u>D</u>
CENTRALIZERS <u>S-4</u>	<u>12</u>	
BOTTOM PLUG		<u>W</u>
TOP PLUG <u>5W</u>	<u>1</u>	
HEAD /		<u>C</u>
PACKER		
OTHER		<u>D</u>

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9-19-96</u>	DATE <u>9-19-96</u>	DATE <u>9-20-96</u>	DATE <u>9-20-96</u>
TIME <u>2130</u>	TIME <u>2400</u>	TIME <u>0700</u>	TIME <u>0830</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API

DISPL. FLUID _____ DENSITY _____ LB/GAL. API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN.

NE AGENT TYPE _____ GAL. _____ IN.

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN.

GELLING AGENT TYPE _____ GAL.-LB. _____ IN.

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN.

BREAKER TYPE _____ GAL.-LB. _____ IN.

BLOCKING AGENT TYPE _____ GAL.-LB. _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T. BROADFOOT</u>	<u>420045</u>	<u>LIBERAL Ks.</u>
<u>J. NICHOLAS</u>	<u>52947</u>	<u>II</u>
<u>J. SLEMP</u>	<u>50866</u>	<u>NUGOTON Ks.</u>
<u>M. LANGWORTH</u>	<u>50404</u>	<u>NUGOTON Ks.</u>
<u>G2098</u>	<u>75496</u>	
<u>H4787</u>	<u>7649</u>	
<u>G9510</u>	<u>75505</u>	

DEPARTMENT CMT

DESCRIPTION OF JOB CMT 5 1/2 LONG STRING

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR Jim Broadfoot COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>100</u>	<u>PREM VERSASET</u>	<u>B</u>	<u>1/2 100 WAD 322</u>	<u>5% KCL - 1% VERSASET - 1/2 PROCELE</u>	<u>1.40</u>	<u>14.5</u>
<u>1</u>	<u>25</u>	<u>PREM</u>	<u>B</u>			<u>1.06</u>	<u>16.4</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____

HYDRAULIC HORSEPOWER

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 41.59 REASON SHOE JT

SUMMARY

STATE SCRIP PRODUCTION COMMISSION

PRESLUSH (BBL) GAL. 8 - 10 - 5 TYPE 1/20 Spirit Wash 1/20

LOAD & BKDN: BBL. GAL. _____ PAD: BBL. GAL. _____

TREATMENT: BBL. GAL. _____ DISPL: BBL. GAL. 129.8

CEMENT SLURRY: BBL. GAL. 25

TOTAL VOLUME: BBL. GAL. _____

CONSERVATION DIVISION
Wichita, Kansas

REMARKS

M S DS ON LOCT.

ED WELL DONE - NO ACCIDENTS

CUSTOMER

CUSTOMER: ALAN RICKS Petroleum Lease No. I-1 JOB TYPE: 2 1/2" 40' 30" 2 1/2" 40' 30" DATE: 7-17-2016



JOB LOG HAL-2013-C

CUSTOMER ANADARKO PROD. WELL NO. I-1 LEASE FOX JOB TYPE 5 1/2 LONG STRING TICKET NO. 106865

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2130							CALLED OUT - READY 2430
	2400							ON LOCT. - L.O.D.P.
	0300							START CSG TO ORIGINAL
	0545							HOOK UP CMT HEAD
	0550							CIRCULATION TO PIT - CONDITION MUD
	0643							HAVE SAFETY MEETING - MIX SUPER FLUSH
	0650							HOOK UP TO CMT LINE
	0700	2	2			1000		PRESSURE TEST LINES
	0705	4.0	8				9/20	START SPACER H ₂ O
	0707	4.0	10	1				START SUPER FLUSH
	0709	4.0	8					START SPACER H ₂ O
	0711	5.0	25				160	START CMT. 14.5 ⁺ GAL
	0716		20				0	SHUT DOWN WASH UP - DROP PLUG
	0721	6.2	130				450	START DISPLACEMENT H ₂ O
	0742	3.0	9.8				460	SHOW RATE - (139.8 TOTAL BBL)
	0745							PLUG LANDED - FLOAT HEAD
	0800	2	2			40		HOOK UP TO CMT M.H. - 16.4 ⁺ GAL
	0805	2	3.5			40		HOOK UP TO CMT RH -
								JOB OVER
								THANKS FOR CALLING
								HALLIBURTON ENERGY SERVICES
								LIBERAL KS.
								HAVE A GOOD DAY
								BROADBENT - NICHOLAS - STEPH - LONGWORT
								MS DS ON LOCT.
								RECEIVED
								STATE COMMISSION
								FEB 11 1997
								CONSERVATION DIVISION
								Wichita, Kansas