

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

Operator: License # 4549Name: ANADARKO PETROLEUM CORPORATIONAddress 701 S. TAYLOR, SUITE 400City/State/Zip AMARILLO, TEXAS 79109Purchaser: ANADARKO ENERGY SERVICESOperator Contact Person: CRAIG WALTERSPhone (806) 457-4600Contractor: Name: NORSEMAN DRILLINGLicense: 3779

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: ANADARKO PETROLEUM CORPWell Name: LIBBY A-2Comp. Date 3-27-2001 Old Total Depth 6310 Deepening Re-perf. Conv. to Inj/SWD Plug Back 6100 PBD Commingled Docket No. _____ Dual Completion Docket No. _____ Other (SWD or Inj?) Docket No. _____3-5-2002 3-13-2002
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 Craig R. Walters
Title CRAIG R. WALTERS, P.E.,
Title DIVISION PRODUCTION ENGINEER Date 3/21/2002

Subscribed and sworn to before me this 21 day of March 2002.

Notary Public Lori Pearson

Date Commission Expires 2/26/05

API NO. 15- 189-22369-AD-07County STEVENS E- NE - NE - SE Sec. 32 Twp. 31S Rge. 38 X W

2310 Feet from X/S (circle one) Line of Section

330 Feet from E/X (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name LIBBY "A" Well # 2Field Name CIMARRON BEND E.Producing Formation WAGAUNSEEElevation: Ground 3162.0 KB _____Total Depth 6310 PBD 6100Amount of Surface Pipe Set and Cemented at 1724 FeetMultiple Stage Cementing Collar Used? X Yes NoIf yes, show depth set 3185 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan WD 84615/02
(Data must be collected from the Reserve Pit)Chloride content 1000 ppm Fluid volume 700 bblsDewatering 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. _____

F ✓ NO K.C.C. OFFICE USE ONLYG Letter of Confidentiality AttachedH Wireline Log ReceivedI Geologist Report Received

RECEIVED MAR 26 2002

KCC KGS

Distribution SWD/Rep

Plug Other

(Specify)

LORI PEARSON

Notary Public, State of Texas

My Commission Expires

February 26, 2005

Form ACO-1 (7-91)

Operator Name ANADARKO PETROLEUM CORPORATIONLease Name LIBBY "A"Well # 2Sec. 32 Twp. 31S Rge. 38 EastCounty 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
(Attach Additional Sheets.)

 Yes No Log Formation (Top), Depth and Datums Sample

Samples Sent to Geological Survey

 Yes No

Name Top Datum

Cores Taken

 Yes No

CHASE	2423
COUNCIL GROVE	2748
B/HEEBNER	3970
MARMATON	4762
MORROW	5426
STE. GENEVIEVE	5958
ST. LOUIS	6052

Electric Log Run
(Submit Copy.) Yes No

List All E.Logs Run:

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"	48.0	620	P+ MIDCON/ P+	230/150	3%CC, .1%FWCA, 1#/SK PF/2%CC, 1#/SK PF.
SURFACE	12-1/4"	8-5/8"	24.0	1724	P+ MIDCON/ P+	370/100	3%CC, .1%FWCA, 1#/SK PF, 2%CC, 1#/SK PF.
PRODUCTION	7-7/8"	5-1/2"	15.5	6234	50/50 POZ/ 50/50 POZ.	25/210	.75%H322, 10%SALT, 1/8#/SK PF/SAME.

PORT COLLAR a

3185

25/150

3%O79, .2%D46, 1/8PPS

D130/ 3%D167 2%SI,

10%D44, 1/4PPSD130.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives	
Perforate					
Protect Casing					
Plug Back TD					
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
4	3174-3182, 3194-3198	ACID W/ 1700 GAL 15% FeHCl	3174-3198

TUBING RECORD	Size NONE	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. SI PREP TO P&A	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 0 Bbls.	Gas 0 Mcf	Water 0 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. Cmingled 3174-3198 Other (Specify) _____