

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 ☐ SIOW ☐ 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 ☐ PBTD  
☐ 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

API NO. 15- 189-22369-0001County STEVENS- NE - NE - SE Sec. 32 Twp. 31S Rge. 38 ☒ E ☒ W2310 Feet from X/S (circle one) Line of Section330 Feet from E/X (circle one) Line of SectionFootages 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 PBTD 6100Amount of Surface Pipe Set and Cemented at 1724 FeetMultiple Stage Cementing Collar Used? ☒ 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 #6/5/02  
(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. \_\_\_\_\_

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, P.E.,  
DIVISION PRODUCTION ENGINEER

Date

3/21/2002Subscribed and sworn to before me this 22 day of March20 02Notary Public Lori PearsonDate Commission Expires 2/26/05F ☒ NO

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached

Wireline Log Received

Geologist Report Received

Distribution

☐ KCC☐ SWD/Rep☐ NGPA☐ KGS☐ Plug☐ Other

(Specify)

MAR 26 2002

KCC WICHITA

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 ☐ Yes ☒ No  
(Attach Additional Sheets.)Samples Sent to Geological Survey ☐ Yes ☒ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☐ Yes ☒ No  
(Submit Copy.)

List All E.Logs Run:

☒ Log Formation (Top), Depth and Datums ☐ Sample

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

## 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, 1/4#/SK PF/2%CC, 1/4#/SK PF.
SURFACE	12-1/4"	8-5/8"	24.0	1724	P+ MIDCON/ P+	370/100	3%CC, .1%FWCA, 1/4#/SK PF, 2%CC, 1/4#/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 @	3185	C/ 50/50 POZ.	25/150	3%D79, .2%D46, 1/8PPS D130/.3%D167, 2%S1, 10%D44, 1/4PPSD130.

## ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<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	
	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. ☐ Commingled 3174-3198☐ Other (Specify) \_\_\_\_\_