

31008

FORM MUST BE TYPED

CONFIDENTIAL**COPY**

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

API NO. 15- 129-21657County MORTONAPPX- SW - NE - NW Sec. 11 Twp. 33S Rge. 41 X W860 Feet from NX (circle one) Line of Section765 Feet from EX (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE SE, NW or SW (circle one)Lease Name USA BARKER "D" Well # 1Operator Name BERRYMANProducing Formation MORROWElevation: Ground 3425 KB Total Depth 5700 PBTD 5325Amount of Surface Pipe Set and Cemented at 1529 FeetMultiple Stage Cementing Collar Used? X Yes NoIf yes, show depth set 3262 FeetIf Alternate II completion, cement circulated from feet depth to w/ sx cmt.Drilling Fluid Management Plan 4/18/02 5-2-02
(Data must be collected from the Reserve Pit)Chloride content 900 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/WCounty Docket No. Operator: License # 4549Name: ANADARKO PETROLEUM CORPORATIONAddress 701 S. TAYLOR, SUITE 400City/State/Zip AMARILLO, TEXAS 79109Purchaser: ANADARKO ENERGY SERVICESOperator Contact Person: JOHN VIGILPhone (806) 457-4600Contractor: Name: MURFIN DRILLINGLicense: 30606Wellsite Geologist:

Designate Type of Completion

X New Well Re-Entry Workover Oil SMD SIOW Temp. Abd.X Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc)

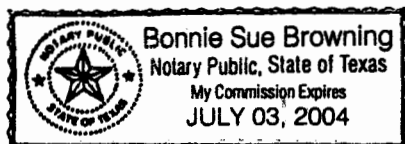
If Workover:

Operator: Well Name: Comp. Date Old Total Depth Deepening Re-perf. Conv. to Inj/SMD Plug Back PBTD Commingled Docket No. Dual Completion Docket No. Other (SMD or Inj?) Docket No. 11-29-2001 12-09-2001 01-07-2002

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 L. Marc HarveyTitle ENGINEERING TECHNICIAN III Date 3-4-02Subscribed and sworn to before me this 5 day of MARCH20 02Notary Public Bonnie Sue BrowningDate Commission Expires 7-3-04

K.C.C. OFFICE USE ONLY
F ✓ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C Geologist Report Received

Distribution
 KCC SMD/Rep NGPA
 KGS Plug Other
(Specify)

Form ACO-1 (7-91)

31008

SIDE TWO

CONFIDENTIAL

Operator Name ANADARKO PETROLEUM CORPORATIONLease Name USA BARKER "D"Well # 1Sec. 11 Twp. 33S Rge. 41☐ EastCounty 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 ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)

List All E.Logs Run: CBL, DIL, CNL-LDT, ML, SONIC.

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

Name	Top	Datum
CHASE	2228	
COUNCIL GROVE	2486	
WABAUNSEE	2906	
TOPEKA	3140	
LANSING	3664	
MARMATON	4282	
CHEROKEE	4620	
MORROW	4856	
ST. GENEVIEVE	5300	
ST. LOUIS	5432	

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	1529	P+ MIDCON/ P+	350/100	3%CC, .1%FWCA, 1/4#/SK PF/2%CC, 1/8#/SK PF.
PRODUCTION	7-7/8"	5-1/2"	15.5	5380	50/50 POZ/ 50/50 POZ.	5/166	.6%HALAD322, 10%SALT, 1/8#/SK PF/SAME.
			PORT COLLAR @	3262	50/50 POZ/ 50/50 POZ.	20/175	.6%HALAD322, 10%SALT, 1/8#/SK PF/SAME.

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	5134-38, 5154-65, 5226-30.		ACID: 2000 GAL 15% HCL.		5134-5230 (OA)
			FRAC: 39000 GAL GEL & 66000# 20/40 SD.		5134-5230 (OA)
TUBING RECORD	Size 2-3/8"	Set At 5120	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Inj. 02-08-2002		Producing Method <input checked="" 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 595	Water Bbls. 3	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☐ Other (Specify) _____

5134-5230 (OA)