

30367

**CONFIDENTIAL****COPY**

FORM MUST BE TYPED

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY **OCT 15 2002**  
DESCRIPTION OF WELL AND LEASE

Operator: License # 4549 **CONFIDENTIAL**Name: ANADARKO PETROLEUM CORPORATIONAddress 701 S. TAYLOR, SUITE 400City/State/Zip AMARILLO, TEXAS 79109Purchaser: NCRAOperator Contact Person: JOHN VIGILPhone ( 806 ) 457-4600Contractor: Name: MURFIN DRILLINGLicense: 30606

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: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD  
☐ Plug Back ☐ PBDT  
☐ Commingled ☐ Docket No. \_\_\_\_\_  
☐ Dual Completion ☐ Docket No. \_\_\_\_\_  
☐ Other (SWD or Inj?) ☐ Docket No. \_\_\_\_\_

08-01-2002 08-10-2002 08-22-2002  
Spud Date Date Reached TD Completion Date

API NO. 15- 067-21488County GRANTAP S/2-S/2 - S/2 - NE Sec. 3 Twp. 30S Rge. 35 ☒ E ☒ W2420 Feet from ☒ N (circle one) Line of Section1320 Feet from ☒ E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:  
☒ NE, SE, NW or SW (circle one)Lease Name HJV AHERN "A" Well # 2Field Name RYUS E.Producing Formation MORROWElevation: Ground 2971 KB \_\_\_\_\_Total Depth 5750 PBDT 5695Annulus of Surface Pipe Set and Cemented at 1815 FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 4916 Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan NE 10-16-02  
(Data must be collected from the Reserve Pit)Chloride content 1000 ppm Fluid volume 700 bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if HAULED OFF SITEOperator Name OCT 16 2002

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. 30S Rge. 35 ☒ 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.

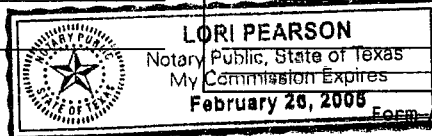
Signature L. Marc Harvey

L. MARC HARVEY

Title ENGINEERING TECHNICIAN III Date 10-15-02Subscribed and sworn to before me this 15 day of October20 02  
Notary Public Lori PearsonDate Commission Expires 2/26/05

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)



Form ACO-1 (7-91)

30307

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name HJV AHERN Well # 2

Sec. 3 Twp. 30S Rge. 35  
☐ East  
☒ West

County GRANT

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, DIL, CNL-LDT, ML, SONIC.

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

Name	Top	Datum
B/STONE CORRAL	1742	
CHASE	2670	
COUNCIL GROVE	2767	
B/HEEBNER	3926	
LANSING	3993	
KANSAS CITY	4496	
MARMATON	4635	
CHEROKEE	4847	
MORROW	5210	
CHESTER	5352	
STE. GENEVIEVE	5526	
ST. LOUIS	5636	

#### 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"	24.0	1815	CLASS C/ CLASS C.	450/150	3%D79,.2%D46,1/2#/SK D29/2%D79,1/4#/SKD29
PRODUCTION	7-7/8"	5-1/2"	15.5	5750	50/50 POZ/ 50/50 POZ.	25/175	2%D20,6.8#/SKD44,.2% D46,1/4#/SKD29/SAME.
			DV TOOL @	4916	50/50 POZ/ 50/50 POZ.	25/175	SAA/SAA.

#### 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	5302-16, CIBP @ 5295.	NONE	
4	5280-91.	NONE.	

TUBING RECORD	Size 2-7/8"	Set At 5260	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 08-25-2002		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 292	Bbls.	Gas Mcf	Water 32 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

☐ Other (Specify) \_\_\_\_\_

5280-5291