

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: NCRAOperator Contact Person: CRAIG WALTERSPhone (806) 457-4600Contractor: Name: BIG "A" DRILLINGLicense: 31572

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: _____

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. _____2-15-2001 2-28-2001 5-4-2001

Spud Date Date Reached TD Completion Date

API NO. 15- 081-21375County HASKELLSW - SE - SE - NE Sec. 1 Twp. 28S Rge. 34 X W2450 Feet from (X) (circle one) Line of Section500 Feet from (X) (circle one) Line of SectionBHL: 2266 FNL & 2257 FELFootages Calculated from Nearest Outside Section Corner:
(X) SE, NW or SW (circle one)Lease Name HJV WINTER "A" Well # 2Field Name EUBANKProducing Formation MORROW/CHESTERElevation: Ground 3046.2 KB _____Total Depth 5856 PBTD 5470Amount of Surface Pipe Set and Cemented at 1984 FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 3409 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan See 10-31-02
(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: **RECEIVED**
KANSAS CORPORATION COMMISSION

Operator Name _____

Lease Name JUN 18 2001 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 L. Marc Harvey
L. MARC HARVEY
Title ENGINEERING TECHNICIAN III Date 6-13-01Subscribed and sworn to before me this 13 day of June
01.Notary Public Lori PearsonDate Commission Expires 2/26/05

K.C.C. OFFICE USE ONLY
F YES Letter of Confidentiality Attached
C YES Wireline Log Received
C NO Geologist Report Received

Distribution
____ KCC _____ SWD/Rep _____ NGPA
____ KGS _____ Plug _____ Other
(Specify)

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name HJV WINTER "A" Well # 2Sec. 1 Twp. 28S Rge. 34
☐ East
☒ WestCounty HASKELL

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-CCL-GR, DIL, CNL-LDT, ML,
DIPOLE SONIC.☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
CHASE	2690	
COUNCIL GROVE	2974	
B/HEEBNER	4106	
MARMATON	4734	
MORROW	5242	
ST. LOUIS	5494	

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	1984	P+ MIDCON/ P+	400/100	3%CC, .1%FWCA, 1/4#/SK CF/2%CC, 1/4#/SK CF.
PRODUCTION	7-7/8"	5-1/2"	15.5	5846	P+ MIDCON/ 50/50 POZ.	50/90	.1%FWCA, 1/4#/SK CF/ 8#/SK GILS, 10%SALT, 4%EA2, .6%H322.
			PORT COLLAR @	3409	CLASS C.	150	3%D79, .2%D46, 1/8#/SK CF.

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
6	5752-57, CIBP @ 5700. CIBP @ 5688.	ACID: 500 GAL 15% HCL.	5752-57.
4	5478-92.	ACID: 1500 GAL 15% HCL. FRAC: 22,008 GAL GEL & 41,180# 16/30 SD.	5478-92.
4	5316-36.	ACID: 2000 GAL 15% HCL FRAC: 18,135 GAL GEL & 49,617# 16/30 SD.	5316-36.
TUBING RECORD	Size 2-7/8"	Set At 5249'	Packer At
			Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 5-10-2001	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 70 Bbls.	Gas 200 Mcf	Water 40 Bbls. Gas-Oil Ratio 2858 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) _____

5316-5492 (OA)