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FORM MUST BE TYPED

SEP 10 2001

SIDE ONE

COPY

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

Operator: License # 5952Name: Amoco Production CompanyAddress P.O. Box 3092City/State/Zip Houston, TX 77253-3092Purchaser: WILLIAMS FIELD SERVICESOperator Contact Person: Sue SellersPhone (281) 366-2052Contractor: Name: Cheverne DrillingLicense: 5382Wellsite Geologist: NONE

Designate Type of Completion

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

Workover/Reentry: Old Well Info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBTD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) ☐ Docket No. _____05/23/01 05/25/01 07/25/01

Spud Date Date Reached TD Completion Date

API NO. 15- -055-21732-0000County FirneyN/2 SE SW Sec. 7 Twp. 24 S Rge. 34 X (W)980S Feet from SN (circle one) Line of Section1958W Feet from EW (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Crawford Gas Unit "A" Well # 5 HIProducing Formation ChaseElevation: Ground 2923 KB 2928Total Depth 2717 PBTD N/AAmount of Surface Pipe Set and Cemented at 953 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cm.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) ALT 1 gk 12/13/01Chloride content 8,000 ppm Fluid volume 520 bbls

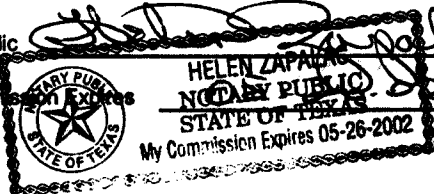
Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name K&L TankLease Name Morris #1 SWD License No. 5176_____ Quarter Sec. 19 Twp. 24S S Rge. 31W (W)County Firney Docket No. 16-812 (96-93C)

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 Sue SellersTitle Staff Assistant Date 09/06/01Subscribed and sworn to before me this 6 day of SEPT, 2001.Notary Public [Signature]Date Commission Expires 05-26-2002

K.C.C. OFFICE USE ONLY

F ☒ Letter of Confidentiality AttachedC ☒ Wireline Log ReceivedC ☐ Drillers Timelog Received

Distribution

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

(Specify)

Form ACO-1 (7-91)

Operator Name Amoco Production Company Lease Name Crawford Gas Unit Well # 5 HI
☐ East
 Sec. 7 Twp. 24 S Rge. 34 ☒ West County Finney

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			
Electric Log Run (Submit Copy.)	☒ Yes ☐ No	Chase	2459	2928-KB
List All E.Logs Run: Compensated Spectral Natural Gamma Ray				

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#	953	Prem+Idite	320	2% 1/4# Floccal
					Prem+	150	2% 1/4# Floccal
Production	7 7/8"	4 1/2"	10.5#	2717	65/35w/6%a	450	1/4# Floccal

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	2460' - 2470'	FRAC-w/100,000# 16/30 Brady Sand	2460-2492
4	2482' - 2492'	373 bbls 70Q M2 Foam	
4	2528' - 2538'	Acid-w/500 gals 15% HCL	2528-2538
4	2580' - 2590'	ACID-W/500 GALS 15% HCL	2580-2590

TUBING RECORD	Size 2 3/8"	Set At 2605	Packer At N/A	Liner Run ☐ Yes ☒ No
Date of First, Resumed Production, SWD or Inj. 07/25/01		Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. 0	Gas Mcf 120	Water Bbls. 0	Gas-Oil Ratio Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

☐ Open Hole ☒ Perforation ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

COPY

DRILLER'S LOG

AMOCO PRODUCTION
CRAWFORD A-5
SECTION 7-T24S-R34W
FINNEY COUNTY, KANSAS

RECEIVED

COMMENCED: 05-23-01
COMPLETED: 05-25-01

SEP 10 2001

KCC WICHITA

SURFACE CASING: 953' OF 8 5/8" CMTD
W/320 SKS 65:35 POZ C + 2% CC + 6% GEL +
1/4#/SK FLOCELE. TAILED W/150 SKS
PREMIUM PLUS + 2% CC + 1/4#/SK FLOCELE.

FORMATION

DEPTH

SURFACE HOLE	0 - 953
RED BED	953 - 1430
GLORIETTA	1430 - 1600
RED BED	1600 - 2485
LIMESTONE & SHALE	2485 - 2717 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

Wray Valentine

WRAY VALENTINE

STATE OF KANSAS: ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 25TH DAY OF MAY, 2001.

JOLENE K. RUSSELL

Jolene K. Russell
NOTARY PUBLIC

