

9-23-COPY *and*

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

Operator License # 5952
Name: Amoco Production Company
Address P.O. Box 800, Rm. 2118
Denver, CO 80201
Furchaser: _____
Operator Contact Person: Julie Victor
Phone (303) 830-4009
Contractor: Name: Cheyenne Drilling
License: 5382
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.)

Workover/Re-entry: old well info as follows:

Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PSTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
Spud Date 2/5/93 Date Reached TD 2/22/93 Completion Date 2/23/93

API No. 15 - 093-21250
County Kearny
NW - SE - SW - Sec. 9 Twp. 23 Rge. 37 East West
990 Feet from SW (circle one) Line of Section
1650 Feet from EW (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW, or SW (circle one)
Lease Name Shankle Well # 2-9
Field Name N/A
Producing Formation N/A
Elevation: Ground 3293' KB 3303'
Total Depth 5150' PSTD 2827'
Amount of Surface Pipe Set and Cemented at 2100 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan 6-8-93
(Data must be collected from the Reserve Pit)
Chloride content 5800 ppm Fluid Volume 2140 bbls
Dewatering method used dried and filled
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
Quarter _____ Sec. _____ Twp. _____ S.Rng. _____ EW
County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 to the best of my knowledge.

Signature Julie Victor
Title Permitting Representative Date May 27, 1993
Subscribed and sworn to before me this 27 day of May, 1993
Notary Public Susan Callahan
Date Commission Expires August 02, 1994

K.C.C. OFFICE USE ONLY
F Letter of confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution JUN 1 1993
 KCC SWD/Rep NGPA
 KGS Plug 884
CONSERVATION DIVISION
Wichita, Kansas
(Spec)

Operator Name Amoco Production Company

Lease Name Shankle

Well # 2-9

Sec. 9 Twp. 23 Rge. 37 East West

County Kearny

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time to 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
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run (Submit Copy.) Yes No
List All E. Logs Run:

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
Chase	2,470'	+833'
Council Grove	2,780'	+523'
Pennsylvanian	3,250'	+ 53'
Heebner	3,760'	-457'
Marmaton	4,322'	-1,019'
Morrow	4,720'	-1,417'
St. Genevieve	4,845'	-1,542'
ST. LOUIS	4,910'	-1,607'

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#	2,100'	Class C	880	
Production	7-7/8"	5-1/2"	15.5#				

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	2840-3000'	Class H	75 sx	

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth

LOGGING RECORD Size N/A Set At Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Inj Producing Method Flowing Pumping Gas Lift Other (Explain)
Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Production Interval
(If vented, submit ACO-18) Other (Specify)

DRILLERS LOG

COPY

AMOCO PRODUCTION COMPANY
SHANKLE #2-9
SECTION 9-T23S-R37W
KEARNY COUNTY, KANSAS

COMMENCED: 02-05-93
COMPLETED: 02-22-93

SURFACE CASING: 2098' OF 8 5/8"
CMTD W/730 SX LT "C", 2% C.C.,
1/4#/SX FLO-CELE; TAILED IN W/
150 SX "C", 2% C.C., 1/4#/SX FLO-CELE

FORMATION	DEPTH
SURFACE HOLE	0-2105
RED BED	2105-2459
CHASE	2459-2747
COUNCIL GROVE	2747-3325
SHALE & LIME	3325-3450
LIME & SHALE	3450-4066
SHALE	4066-4311
LIME & SHALE	4311-4430
SHALE & LIME	4430-4570
LIME & SHALE	4570-4782
SHALE & LIME	4782-4882
LIME & SHALE	4882-5150 RTD

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

CHEYENNE DRILLING, INC.

A.J. Jacques

A.J. JACQUES

RECEIVED
STATE CORPORATION COMMISSION

MAR 2 1993

CONSERVATION DIVISION
Wichita, Kansas

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 23RD DAY OF FEBRUARY, 1993.

BECKY J. WHETSTONE
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 4/29/95

Becky J. Whetstone

BECKY J. WHETSTONE, NOTARY PUBLIC

RECEIVED
STATE CORPORATION COMMISSION

JUN 1 1993

CONSERVATION DIVISION
Wichita, Kansas