

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

City/State/Zip Denver, CO 80201

Purchaser: _____

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 _____ SLOW _____ Temp.Abd. _____

☒ Gas _____ ENHR _____ SIGW _____

☐ Dry _____ Other (Core, WSW, Expl., Cathodic, etc.) _____

If 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 _____ PBTD _____

☐ Commingled _____ Docket No. _____

☐ Dual Completion _____ Docket No. _____

☐ Other (SWD or Inj?) _____ Docket No. _____

3/15/93 3/26/93 5/6/93

Spud Date Date Reached TD Completion Date

API No. 15 - 189-21536

County Stevens

C-S/2 - SW - _____ Sec. 18 Twp. 31 Rge. 38 ☒ East West

660 Feet from S/N (circle one) Line of Section

1320 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE, SE, NW, or SW (circle one)

Lease Name S.E.C. Well # 1

Field Name Unnamed

Producing Formation Morrow

Elevation: Ground 3181' KB 3192'

Total Depth 6100' PBTD 6001'

Amount of Surface Pipe Set and Cemented at 1716 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
(Data must be collected from the Reserve Pit)

8-26-93

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. _____ E/W

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 August 16, 1993

Subscribed and sworn to before me this 16 day of August, 1993

N Public Natalie M. Stood

Date Commission Expires December 26, 1994

K.C.C. OFFICE USE ONLY	
F	☒ Letter of confidentiality Attached
C	☒ Wireline Log Received
C	☒ Drillers Timelog Received
RECEIVED	
DISTRIBUTION	
☒ KCC	☒ SWD/Rep
☒ KGS	☒ Plug
	☒ NGPA
AUG 18 1993	
CONSERVATION DIV.	

SIDE TWO

Operator Name Amoco Production Company

Lease Name

S.E.C.

Well #

1

County

StevensSec. 18 Twp. 31 Rge. 38☐ East☒ 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.)☒ Log

Formation (Top), Depth and Datums

☐ SampleSamples Sent to Geological Survey ☐ Yes ☒ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)

List All E. Logs Run:

Name

Top

Datum

Chase
Lansing
Marmaton
Morrow
St. Louis

2,380'
4,004'
4,655'
5,330'
6,010'

+812'
-812'
-1463'
-2138'
-2818'

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#	1,716'	Class C	750	
Production	7-7/8"	5-1/2"	15.5#	6,100'	Class C	435	

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	5718-5730'; 5662-5678'	Frac with 33,340# 20/40 sand and 11,500 gal. fluid	5718-5730'
		Frac with 40,980 gal. foam	5662-5678'

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
N/A					
Date of First Resumed Production, SWD or Inj	Producing Method	☒ Flowing	☐ Pumping	☐ Gas Lift	☐ Other (Explain)
SI					
Estimated Production Per 24 Hours	Oil Bbls.	Gas 195 Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interv

☐ Vented ☒ Sold ☐ Used on Lease☐ Open Hole☒ Perf.☐ Dually Comp.☐ Commingled5662-5678'

(If vented, submit ACO-18)

☐ Other (Specify)

DRILLERS LOG

AMOCO PRODUCTION COMPANY
S E C #1
SECTION 18-T31S-R38W
STEVENS COUNTY, KANSAS

COMMENCED: 03-15-93
COMPLETED: 03-26-93

SURFACE CASING: 1710' OF 8 5/8"
CMTD W/600 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	0-1710
SHALE & RED BED	1710-2260
RED BED & SHALE	2260-2479
SHALE	2479-3100
LIME & SHALE	3100-3400
LIME & SHALE	3400-3650
SHALE & LIME	3650-3880
LIME & SHALE	3880-5040
SHALE & LIME	5040-5210
LIME & SHALE	5210-5587
MORROW	5587-5738
SHALE & SAND	5738-5865
LIME, SHALE & MORROW	5865-5970
ST. LOUIS	5970-6083
SHALE & LIME	6083-6100 RTD

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

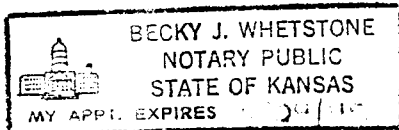
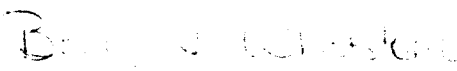
CHEYENNE DRILLING, INC.



A.J. JACQUES

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 26TH DAY OF MARCH, 1993

BECKY J. WHETSTONE, NOTARY PUBLIC