

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 800 ROOM 925City/State/Zip DENVER, CO 80201

Purchaser: \_\_\_\_\_

Operator Contact Person: ELLEN HARTZLERPhone ( 303 ) 830-5130Contractor: Name: CHEYENNE 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)

## If Workover:

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. \_\_\_\_\_

12/02/93 \_\_\_\_\_ 12/17/93 \_\_\_\_\_ 12/17/93 \_\_\_\_\_  
 Spud Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date \_\_\_\_\_

API NO. 15- 187-20712County STANTONCE/2- \_\_\_\_\_ Sec. 16 Twp. 29S Rge. 39 ☒ E ☒ W2640 Feet from ☒ N (circle one) Line of Section1320 Feet from ☒ W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:  
NE, ☒ SE, NW or SW (circle one)Lease Name LAVERNE Well # 1Field Name SAND ARROYOProducing Formation DRYElevation: Ground 3202' KB 3213'Total Depth 5903' PBTD 5900'Amount of Surface Pipe Set and Cemented at 1762 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 cmt.

Drilling Fluid Management Plan D&A JH 1-11-95  
(Data must be collected from the Reserve Pit)Chloride content 5800 ppm Fluid volume 2140 bblsDewatering 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  
 erby 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 and correct to the best of my knowledge.

Signature D. Ellen Hartyler  
 Title SR. STAFF ASSISTANT \_\_\_\_\_ Date 7/12/94

Subscribed and sworn to before me this 12th day of July,  
 19 94.

Notary Public Susan CallahanDate Commission Expires August 02, 1994

## 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)

## SIDE TWO

Operator Name AMOCO PRODUCTION COMPANY Lease Name LAVERNE Well # 1  
 Sec. 16 Twp. 29S Rge. 39 ☐ East ☒ West  
 County STANTON

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:

PHASOR INDUCTION

COMPENSATED NEUTRON  
 FORMATION MICROSCANNER  
 NATURAL GAMMA RAY SPECTROMETRY  
 MICRO  
 BOREHOLE COMPENSATED SONIC

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

Name	Top	Datum
Base Heebmer	3794	-571
Lansing	3887	-664
Marmaton	4465	-1242
Morrow	5186	-1963
L. Marrow	5530	-2307
B. Marrow	5630	-3307
Mississippian	5649	-3426

## 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	1763'	Premium Plus Lite	575	2% CaCl <sub>2</sub>
					Premium Plus	150	181 lbs Floccle

## 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
	DRY AND ABANDONED	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
N/A				
Date of First, Resumed Production, SWD or Inj.	Producing Method			
D&A	<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 N/A Bbls.	Gas N/A Mcf	Water N/A 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) PLUGGED

# DRILLERS LOG

AMOCO PRODUCTION COMPANY  
LAVERNE #1  
SECTION 16-T29S-R39W  
STANTON COUNTY, KANSAS

API#15-187-20712

COMMENCED: 12-03-93  
COMPLETED: 12-17-93

SURFACE CASING: 1767' OF 8 5/8"  
CMTD W/575 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	0-1768	
SHALE	1768-1976	
SHALE & LIME	1976-3755	
SHALE	3755-3900	
SHALE & LIME	3900-4270	
LANSING	4270-4360	
SHALE & LIME	4360-5126	
MORROW	5126-5460	
SHALE	5460-5680	
ST. GENEVIEVE	5680-5770	
ST. GENEVIEVE & ST. LOUIS	5770-5903	RTD

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

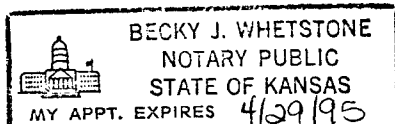
CHEYENNE DRILLING, INC.

*A.J. Jacques*

A.J. JACQUES

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 20TH DAY OF DECEMBER, 1993.



*Becky J. Whetstone*

BECKY J. WHETSTONE, NOTARY PUBLIC