FORM MUST BE TYPED

SIDE ONE

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

Operator: License # 5952

Name: AMOCO PRODUCTION COMPANY

Address P. O. BOX 800 ROOM 925

City/State/Zip DENVER, CO 80201

Purchaser:

Operator Contact Person: ELLEN HARTZLER

Phone (303) 830-5130

Contractor: Name: CHEYENNE DRILLING

License: 5382

Wellsite Geologist: None

Designate Type of Completion
X New Well ____ Re-Entry ____ Workover

____ Oil ____ SWD ____ SIOW ____ Temp. Abd.
____ Gas ____ ENHR X 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.

03/03/94 Spud Date | 03/06/94 Date Reached TD | 04/19/94 Completion Date

API NO. 15- 187-20729

County STANTON 9-27-39W

NE - SW - NE Sec. 09 Twp. 27S Rge. 39 E X W

3900 Feet from (S) N (circle one) Line of Section

1380 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 LEUER GU Well # 4HI

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 3216' KB 3227'

Total Depth 2592' PBTD 2590.50'

Amount of Surface Pipe Set and Cemented at 655 ~~655~~ Feet

Multiple Stage Cementing Collar Used? ____ Yes X No

If yes, show depth set ____ Feet

If Alternate II completion, cement circulated from ____

~~feet~~ depth to ____ w/ ____ sx cmt.

Drilling Fluid Management Plan ALT 1 JH 11-28-94
(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. 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 and correct to the best of my knowledge.

Signature N. Ellen Hartzler

Title SR. STAFF ASSISTANT Date 7/21/94

Subscribed and sworn to before me this 21ST day of July, 1994.

Notary Public Susan Callahan My Commission Expires August 02, 1994

Date Commission Expires

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)

IS

Form ACO-1 (7-91)

SIDE TWO

Operator Name AMOCO PRODUCTION COMPANY Lease Name LEUER GU Well # 4HI

Sec. 09 Twp. 27S 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 (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: COMPENSATED SPECTRAL GAMMA

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

Name	Top	Datum
HERRINGTON	2340	KB
KRIDER	2356	
WINFIELD	2396	
TOWANDA	2460	
FT. RILEY	2518	

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#	655	CLASS C	375	
Production	7 7/8"	5 1/2"	15.5#	2592	CLASS C	500	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top	Depth 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	2346-2370'; 2396-2426'; 2460-2490'; 2528-2548';	FRAC W/250,420 # 10/20 BRADY SAND	2346-2548

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)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		400			

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

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

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled 2346-2548

☐ Other (Specify)

DRILLERS LOG

AMOCO PRODUCTION COMPANY
LEUER GU NO. 4 HI
SECTION 9-T27S-R39W
STANTON COUNTY, KANSAS

COMMENCED: 03-03-94
COMPLETED: 03-06-94

SURFACE CASING: 654' OF 8 5/8" CMTD W/325 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- 667
RED BED	667-1175
GLORIETTA SAND	1175-1325
RED BED	1325-2592 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 7TH DAY OF MARCH, 1994.

Becky J. Whetstone

BECKY J. WHETSTONE, NOTARY PUBLIC

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