

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

API No. 15 129-21239County MortonSE - NW - NW Sec. 17 Twp. 32S Rge. 40 W East West1250 Feet from S/ (circle one) Line of Section1250 Feet from E/ (circle one) Line of SectionFootage: Calculated from Nearest Outside Section Corner:
NE, SE, NW, or SW (circle one)Lease Name Bear GU /B/ Well # 3HIField Name HugotonProducing Formation ChaseElevation: Ground 3332' KB 3343'Total Depth 2511' PBTD 2509'Amount of Surface Pipe Set and Cemented at 583-557 FeetMultiple Stage Cementing Collar Used? Yes X NoIf yes, show depth set FeetIf Alternate II completion, cement circulated from
feet depth to w/ sx cmt.Drilling Fluid Management Plan ALTERNATE 1 NOT MET 8-19-94 JH
(Data must be collected from the Reserve Pit) STEVE D. SAID TO LET GOChloride content 5800 ppm Fluid Volume 2140 bblsDownstring method used dried and filledLocation of fluid disposal if hauled offsite: Operator Name Lease Name License No. Quarter Sec. Twp. S.Rng. E/WCounty Docket No. or: License # 5952Name: Amoco Production CompanyAddress P O Box 800Room 925City/State/Zip Denver, Co 80201Purchaser: Operator Contact Person: Ellen HartzlerPhone (303) 830-5130Contractor: Name: Cheyenne DrillingLicense: 5832Geologist: 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.)

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

Operator: Well Name: Comp. Date Old Total Depth Deepening Re-perf. Conn. to Inj/SWD Plug Back Commingled Docket No. Dual Completion Docket No. Other (SWD or Inj?) Docket No. 10-26-93 10-28-93 11-24-93Spud Date Date Reached TD Completion Date

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 information on this form shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-11 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

RECEIVED
KANSAS CORPORATION COMMISSION

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 Ellen HartzlerTitle Sr. Staff AssistantDate April 25, 1994Subscribed and sworn to before me this 22nd day of APRIL 1994Noted Public This Commission Expires

K.C.C. OFFICE USE ONLY

F Letter of confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution

 KCC SWD/Rep HGPA
 KGS Plug Other
(Specify)

Operator Name Amoco Production Company Lease Name Bear GU /B/ Well # 3HI
County Morton
17 Twp. 34 Rge. 40 ☐ 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 closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recover flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Stem Tests Taken (Attach Additional Sheets.)	☐ Yes ☒ No	☒ Log Formation (Top), Depth and Datums ☐ Sample		
Samples Sent to Geological Survey	☐ Yes ☒ No			
Press Taken	☐ Yes ☒ No			
Electric Log Run (Submit Copy.)	☒ Yes ☐ No			
List All E. Logs Run: <u>SPECTRAL GAMMA</u>		Name Herrington Krider Winfield Towanda Ft. Riley	Top 2218 2232 2284 2350 2410	Datum KB

CASING RECORD

☒ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (Ih O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	24#	~~557~~ 583	Class C	300	2% CaCl ₂ ; 75 lbs Flacelle
Production	7 7/8"	5 1/2"	15.5#	2511	Class C	400	100 lbs Flacelle

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	2218-2262' 2284-2298; 2350-2360; 2410-2440;	Frac - 245,100# 10/20 COSI Sand & 53,802 gal. G-3190	2218-2440

TUBING RECORD		Size	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
			250			

Disposition of Gas: ☐ Vented ☒ Sold ☐ Used on Lease ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) _____

METHOD OF COMPLETION

Production Interval 2218-2440

(If vented, submit ACO-18)

N.L.E. INC.
P.O. BOX 1417
LIBERAL, KANSAS
316-424-4551

FAX NO: 316-424-4919
800-877-9860
NATION WIDE:

TEMPERATURE SURVEY

DATE

OCTOBER 29, 1993

API#15-129-21239

COMPANY: AMOCO

LOCATION: SEC. 17-32S-40W

LEASE: BEAR G.U. #9

WELL #: 3-HI

COUNTY: MORTON

FIELD: MORTON

STATE: KANSAS

INSTR. NO: 35594

CASING SIZE: 8 1/2" 15.5

SET AT: 2511'

T.D.: 2,512'

HOLE SIZE: 7 7/8"

FLOAT AT: 2510 SHOE

SACKS CEMENT: 300 HEAD 100 TAIL

CALCULATED

FILL UP:

MIXTURE: 50-50 POZ-MIX

ZERO POINT: G.L.

REMARKS: TOP OF CEMENT: 300'
INSTRUMENT T.D. 2,491'
INSTRUMENT ZERO: 4" A.G.L.