

Operator Name Amoco Production CompanyLease Name Grace O. Ehlers G.U.Well # 3HISec. 36 Twp. 26 Rge. 39 East WestCounty Hamilton

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.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datums	<input checked="" type="checkbox"/> Sample																		
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																					
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																					
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																					
List All E. Logs Run:	<table> <thead> <tr> <th>Name</th> <th>Top</th> <th>Datum</th> </tr> </thead> <tbody> <tr> <td>Chase</td> <td>2345'</td> <td>885'</td> </tr> <tr> <td>Herrington</td> <td>2395'</td> <td>838</td> </tr> <tr> <td>Krider</td> <td>2410'</td> <td>823'</td> </tr> <tr> <td>Winfield</td> <td>2453'</td> <td>780'</td> </tr> <tr> <td>Towanda</td> <td>2510'</td> <td>723'</td> </tr> </tbody> </table>				Name	Top	Datum	Chase	2345'	885'	Herrington	2395'	838	Krider	2410'	823'	Winfield	2453'	780'	Towanda	2510'	723'
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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#	614'	Class C	345	
Production	7-7/8"	5-1/2"	15.5#	2,620'	Class C	630	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: — Perforate — Protect Casing — Plug Back TD — Plug Off Zone	Depth	Type of Cement	# Sacks Used	Type and Percent Additives
	Top	Bottom		

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

TUBING RECORD N/A	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj	Producing Method	<input type="checkbox"/> Flowing	<input type="checkbox"/> Pumping	<input type="checkbox"/> Gas Lift	<input type="checkbox"/> Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____(If vented, submit ACO-18) Other (Specify) _____

DRILLERS LOG

COPY

AMOCO PRODUCTION COMPANY
 GRACE O. EHLERS GL NO. 3 HI
 SECTION 36-T26S-R39W
 HAMILTON COUNTY, KANSAS

COMMENCED: 08-27-92
 COMPLETED: 08-30-92

SURFACE CASING: 604' OF 8 5/8"
 CMTD W/195 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- 614
RED BED	614-1514
RED BED & SAND	1514-2049
LIME & SHALE	2049-2420
CHASE	2420-2620 RTD

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

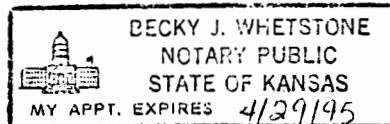
CHEYENNE DRILLING, INC.

A.J. Jacques

A. J. JACQUES

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 1ST DAY OF SEPTEMBER 1992.



Becky J. Whetstone
 COMMISSIONED JAN 13 1993
 BECKY J. WHETSTONE, NOTARY PUBLIC
 WICHITA, KANSAS