

Operator Name Heimerich & Payne, Inc.

SIDE TWO

Lease Name Steen Well # 1-2Sec. 8 Twp. 23s Rge. 37☐ EastCounty Kearny☐ 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
(Attach Additional Sheets.)☐ Yes ☒ No

Samples Sent to Geological Survey

☐ Yes ☒ No

Cores Taken

☐ Yes ☒ NoElectric Log Run
(Submit Copy.)☒ Yes ☐ No

List All E.Logs Run:

GR-CNL

☒ Log

Formation (Top), Depth and Datums

☐ Sample

Name
Herington
Krider
Winfield

Top
2530
2564
2614

Datum
+785
+751
+701

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	28	420	65/35 Poz "C" Class "C"	110 100	2% CC, 1/4# sx flake
Production	7-7/8	5-1/2	15.5	2702	65/35 Poz "C"	575	6% gel, 1/4#/sx flake
					50/50 Poz "C"	125	2% gel, 10% salt, 0.75% D-60, 1/4# sx flake

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
2	Krider 2566-2586'	Acidize w/ 2500 gallons 15% HCl.	
2	Winfield 2615-2626'	Frac w/ 59000 gallons 25# linear gel & 23500 gallons 25# x-link containing 9000# 30-70, 48000# 20-40, 62500# 10-20	
TUBING RECORD			
Size None	Set At	Packer At	Liner Run ☐ Yes ☒ No
Date of First, Resumed Production, SWD or Inj. 11-06-95 State Test		Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)	
Estimated Production	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity
		498	0 N/A

Disposition of Gas:

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

METHOD OF COMPLETION

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

Production Interval

2566-2626' overall

DRILLERS LOG

ORIGINAL

HELMRICH & PAYNE
STEEN 1-2
SECTION 8-T23S-R37W
KEARNY COUNTY, KANSAS

COPY

15-093-21450

COMMENCED: 06-08-95
COMPLETED: 06-11-95

SURFACE CASING: 420' OF 8 5/8" CMTD
W/110 SKS PREMIUM PLUS LITE + 2% CC
+ 1/4 #/SK FLOCELE. TAILED IN W/
100 SKS CLASS C + 2% CC + 1/4 #/SK FLOCELE.

FORMATION

DEPTH

SURFACE HOLE	0 - 420
SHALE & SANDSTONE	420 - 1810
SHALE & LIMESTONE	1810 - 2290
LIMESTONE	2290 - 2710 RTD

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

CHEYENNE DRILLING, INC.

Wray Valentine

WRAY VALENTINE

STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 13TH DAY OF JUNE, 1995

LISA M. CROUCH

Lisa M. Crouch

NOTARY PUBLIC

RECEIVED
STATE CORPORATION COMMISSION
JUN 13 1995

CONSERVATION DIVISION
WICHITA, KANSAS

