

36-175-37W

OPERATOR: CIMARRON EXPLORATION COMPANY

LEASE &amp; WELL NO.: Lindberg No. 1

LOCATION: 1405 FEET F SL & 2490 FEET F W L  
Section 36 Township 17S S Range 37W W  
Wichita County, State Kansas

FIELD: Panoma ELEVATION: 3316' Gr.

OBJECTIVE: Council Grove ESTIMATED TOTAL DEPTH 3250'

ZONES OF PRIMARY INTEREST &amp; ESTIMATED TOPS:

Red Cave 2520'

Krider

Winfield 2810'

Council Grove 3010'

BIT PROGRAM:

SIZE	FROM (FEET)	TO (FEET)
12½	SFCE	350
7 7/8	350	T.D.

OWLL

CASING PROGRAM:

SURFACE:	8 5/8 O.D. (inches)	wt.	thd.	grade	colg.
From Surface to	350	20 #/ft.	8 RD	H-40	ST&C
PRODUCTION:	4½ O.D. (inches)				
From Surface to Total Depth	9.5 #/ft.	8 RD	J-55	ST&C	

CEMENTING PROGRAM:

SURFACE CASING

Use baffle plate with centralizer on first coupling above plate. Threadlock bottom coupling and next three couplings. Dowell will provide equipment, cement and services. Mix 250 sacks class H cement with 3% D-33 (CaCl) to circulate cement to surface.

PRODUCTION CASING

Use orifice fill shoe and 8 centralizers on first four joints above shoe. Additional centralizers and scratchers may be located at the job site. Threadlock shoe and first four couplings. Dowell will provide the equipment, cement and services. Mix 180 sacks of salt saturated 50/50 Litepoz with 2% D-20.

PROCEDURE

Run casing utilizing slip type elevator. Maintain thread protectors on pin end until pipe is ready to stab. Set tongs for 1050 PSI makeup torque. Run casing to bottom. Circulate mud with rig pump for 30 minutes. Reciprocate pipe 15 - 20 feet while circulating and cementing. Mix and pump cement. Displace cement with 250 gallons inhibited 7½% acetic acid and 1% KCL water. Bump plug with minimum 600 PSI. Release pressure and check for flow back. If float holds leave pressure off casing. If float does not hold maintain minimum pressure (Est. 400 PSI) required to prevent flowback. Land casing in wellhead with 25% slack-off on weight indicator.



DRILL PIPE MEASUREMENT: Strap drill pipe out of hole when coming out to log.

ALL MEASUREMENTS shall be taken from top of Kelly Drive Bushings. When starting below surface, show distance from top of drive bushings to ground on Daily Report.

Record on Daily Drilling Report the time started and the time completed of all day work and similar operations when rig is on company time; record time with drill pipe and without drill pipe. This record is necessary as the invoice for drilling this well will be returned if the day work charged does not agree with the amount of day work recorded on Daily Drilling Report.

DAILY DRILLING REPORTS AND ALL DELIVERY TICKETS FOR MATERIAL BILLED TO STOLTZ, WAGNER AND BROWN ARE TO BE MAILED DAILY TO:

CIMARRON EXPLORATION COMPANY  
4540 N. W. 10th ST.  
OKLAHOMA CITY, OKLAHOMA 73127

Please telephone Daily Drilling Reports between 8:00 and 9:00 a.m. to the following

Cimarron Exploration Company      A/C 405-947-0307

WEEKENDS : Les Sarles              A/C 405-478-2120

MAILING DISTRIBUTION: Attached

Personnel from companies on the attached mailing list are to be allowed access to the rig floor and mud logging unit. Well is to be drilled tight to all others.

ANY INFORMATION CONCERNING THIS WELL WILL BE GIVEN OUT BY CIMARRON EXPLORATION COMPANY..