

TEN POINT DRILLING PLAN FOR CORBIN FEDERAL #1
IN COMPLIANCE WITH ORDER NO. 1

SUN EXPLORATION AND PRODUCTION COMPANY

CORBIN FEDERAL #1
SEC. 26, T-18-S, R-33-E
1650' FNL & 1980' FWL

LEA COUNTY, NEW MEXICO

1. GEOLOGIC SURFACE FORMATION: Quaternary

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS

Rustler	1520	Wolfcamp*	10,350
Base Salt	3190	Strawn*	12,080
Yates	3240	Atoka*	12,750
San Andres	5150	M. Morrow*	13,125
Bone Springs L.S.*	7150	L. Morrow*	13,350
1st Bone Springs Sd.*	8683	Chester	13,430
2nd Bone Springs Sd.*	9325		
3rd Bone Springs Sd.*	10,100		

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

Formations possibly productive of oil or gas are indicated with an asterisk (*) above in Section 2.

4. PROPOSED CASING PROGRAM

<u>Size</u>	<u>Casing Seat</u>	<u>Footage</u>	<u>Grade</u>	<u>Wt & Thread</u>
13-3/8"	500'	500'	K-55	54.5# BTC OR BASE PLATE ON BRADENHEAD
9-5/8"	5300'	5300'	N-80	40# LTC
5-1/2"	13700'	1900'	N-80	17# BUTT
		6800'	N-80	17# LTC
		5000'	N-80	20# LTC
2-7/8"	13700'	13700'	N-80	6.5# 8R MOD

PROPOSED CEMENTING PROGRAM

13-3/8" Cemented to surface w/525 sx Class "C" + 2% CaCl₂ + 1/4#/sx Flocele.

9-5/8" Anticipate to cement 5300' to surface w/±2200 sx Howco Lite + 10% Salt + 1/4#/sx Flocele & 275 sx Class "C" in two stages. Stage Collar @ 3300'.

5-1/2" Anticipate to cement 13700' - 8400' on 1st stg using ±1050 sx Class "H" 50/50 POZ w/ 2% gel + 2% KCL + .3% CFR-2 + .5% Halad 22A. Anticipate to cement 8400' - 5300' on 2nd stg using ±650 sx Class "C" 50/50 POZ w/ 2% gel. Stage collar @ ±8400'.

Cement volumes & stage collar depths to be adjusted as necessary.

RECEIVED

FEB 29 1988

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