

ANTICIPATED DRILLING PROGRAM

Date 2-27-96

Est. No. _____

Field Thistle Draw West

Lease Sand "18" Federal Com Well No. #2H

Surface Location 330' FSL, 2110' FEL, Section 18, T23S, R32E, Eddy County, New Mexico

Approved Total Depth +/- <u>8,700</u> TVD +/- <u>12,730</u> MD Est <u>3,620</u> DF ELEV	Estimated Cost _____ _____ _____	Dry Hole Cost Completion Cost Total	<u>36</u> Days Drill _____ <u>12</u> Days Compl. _____ <u>48</u> Days Total	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Dual <u>96</u> % Tx. Int.	Dev. <input type="checkbox"/> Res. <input type="checkbox"/> OSWC <input checked="" type="checkbox"/> RWC <input type="checkbox"/>
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ANTICIPATED FORMATION TOPS

Formation Name	Depth (TVD) Expected	Press Grad. (psi/ft)	B H P	P. P.	G a u g e	K i c k	Equiv. Mud Wt.	Antcpd. Prod.	Antcpd. SITP
Delaware Mtn Group	4640'								
Cherry Canyon	5560'								
Manzanita Marker	5715'								
Brushy Canyon	7125' Pot Pay							Oil	
Lower Brushy Canyon	8130' Pot Pay							Oil	
Bone Springs Marker	8470'								
Bone Springs	8560' Pay							Oil	
TD	8700'								

CASING AND CEMENTING DATA

SIZE		Depth				Sacks	Wt. (PPG)	Instructions
Hole	Csg.							
14 3/4"	11 3/4"	570'	FW			500	14.8	Class "C" with 2% CaCl2
CIRCULATE				Surface				
11"	8 5/8"	4600'	Brine			1L 1200 1T 100	12.8 15.6	35/65 poz with 6% Gel, 5% Salt, 1/4#/sxs cellophane flakes Class "H" Neat
				1st Intermediate				
7 7/8"	5 1/2"	8700'	FW			All 700 2L 1000 2T 100	14.2 12.8 15.6	50/50 POZ with 2% Gel, 5% Salt, 1/4# /sxs cellophane flakes 35/65 POZ with 6% Gel, 5% Salt, 1/4# /sxs cellophane flakes Class "H" Neat
				2nd Intermediate				
4 3/4"	Horizontal Open Hol	12730'		Horizontal				

Prepared by: R. Scott Elkington 2-27-96

Reviewed by: _____

Approved by: _____