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(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land Office	Santa Fe				
Lease No					
Unit					
			; 1959		

	NOTICES AND	O REPORTS ON WELLS	ni. i
NOTICE OF INTENTION TO DRILL	X	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PL	1 1	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
OTICE OF INTENTION TO TEST WATE		SUBSEQUENT REPORT OF ALTERING CASING	1 1
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NOTICE OF INTENTION TO SHOOT OR	ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR A	TER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON V	/ELL		
(INDICAT	E ABOVE BY CHECK MARK NATU	JRE OF REPOR", NOTICE, OR OTHER DATA)	
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	ed 4470 ft. from	$\frac{N}{N}$ line and $\frac{1199}{N}$ ft. from $\frac{E}{N}$ line of se	с
SW SW NE, Sec. 13	27N 10W	M.X.P.M.	
(½ Sec. and Sec. No.)	(Twp.) (Rang	(Meridian)	
(Field)	(County or Sub-		
		s ft. Will be furnished when	
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U. S. GOVERNMENT PRINTING OFFICE 15-8437-5

executed by Walter G. Knauff, et al.

Title Chief Clerk



U.S.-KNAUFF #1

Location: 1190' South of North Line; 1190' West of East Line of Section 13-27N-10W, San Juan County, New Mexico.

Elevation: Will be furnished when obtained.

Geologic name of surface formation: Tertiary Nacimiento.

SSN 2 7 1959

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Drilling & casing plan: It is proposed to drill through the Dakota formation to approximately 7000' and set $5\frac{1}{2}$ " casing through same, to total depth.

Type of rig: Rotary.

Proposed depth: 70001.

Estimated depth to top of important markers:

Pictured Cliffs 2071' Point Lookout 4406' Lewis 2146' Green Horn 6404' Cliff House 3626' Dakota 6484'

Estimated depths of possible water-bearing formations:

Ojo Alamo

11261

Estimated depths of possible oil or gas bearing formations:

Pictured Cliffs 2071' Gallup 5596' Cliff House 3626' Dakota 6484' Point Lookout 4406'

Casing: It is proposed to set 10-3/4" surface casing at approximately 300', or to a sufficient depth to protect fresh water sands, and cement to surface. 5\frac{1}{2}" oil string to be set through the Dakota formation to total depth and cemented with approximately 250 sacks.

Drill stem tests: None contemplated.

Drilling in with oil: Not contemplated.

Using reverse circulation: Not contemplated.

Perforating opposite pays: It is proposed to perforate the 52" casing apposite the Dakota formation with approximately 100 jet shots.

Type of mud to be used: Commercial gels and additives. May use some oil in mud.

Electric logging: Electrical log and Microlog will be run.