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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		8. Farm or Lease Name Hinton	
2. Name of Operator SOHIO PETROLEUM COMPANY		9. Well No. #13	
3. Address of Operator P. O. Box 3000, Midland, Texas 79701		10. Field and Pool or Wildcat Drinkard & Granite Wash	
4. Location of Well UNIT LETTER L LOCATED 2310 FEET FROM THE South LINE AND 990 FEET FROM THE West LINE OF SEC. 12 TWP. 22S RGE. 37E NMPM		12. County Lea	
19. Proposed Depth -		19A. Formation Granite Wash	
20. Rotary or C.T. -		21. Elevations (Show whether DF, RT, etc.) GR 3341	
21A. Kind & Status Plug. Bond \$10,000 Blanket		21B. Drilling Contractor Unknown	
22. Approx. Date Work will start -		23.	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8 5/8"	24#	1266	300	Surf.
7 7/8"	5 1/2"	17#	7286	630	3200

The Hinton well #13 was drilled to a total depth of 7295' in the Granite Wash formation, plugged back to 7250 and completed as an oil well July, 13, 1973 in the Drinkard formation. The Drinkard formation was perforated from 6245' to 6832'. The top of the Granite Wash formation is at 7115'. We propose to perforate the Granite Wash at 7161' to 7242', 11 3-1/8" select fire DML-10 charges, spot 200 gallons of acid across perforations, and frac with 11,000 gallons ultra frac "30" and 10,000# 20/40 sand, We plan to produce both zones through dual strings of 1 1/2" & 2-1/16" tubing. Production from both zones will be commingled into common tanks on the surface, and production from each zone will be measured by periodic well tests, 40 acres were dedicated to the Drinkard

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.
zone. 40 acres are dedicated to the Granite Wash zone.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed *J. Waller* Title **District Superintendent** Date **August 5, 1974**

(This space for State Use)

Orig. Signed by
Joe D. Ramey
Dist. I, Supv.

APPROVED BY _____ TITLE _____ DATE **AUG 8 1974**

CONDITIONS OF APPROVAL, IF ANY: