

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 020343-A
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Hanson Oil Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 1515, Roswell, New Mexico 88201		8. FARM OR LEASE NAME USA Hanson
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FSL & FWL At proposed prod. zone Sec. 35, T-18-S, R-32-E, NMPM Lea County, New Mexico		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 11 miles south of Maljamar, New Mexico		10. FIELD AND POOL, OR WILDCAT Querecho Plains Yates
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'	16. NO. OF ACRES IN LEASE 400	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 35 - 18S - 32E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 4100'	17. NO. OF ACRES ASSIGNED TO THIS WELL 40	12. COUNTY OR PARISH Lea
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3708' GL	19. PROPOSED DEPTH 4100'	13. STATE N. M.
22. APPROX. DATE WORK WILL START* Immediately		20. ROTARY OR CABLE TOOLS Pulling unit
23. PROPOSED CASING AND CEMENTING PROGRAM		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT
	8-5/8"	
	5-1/2"	
4-3/4"	4" Liner	9-1/2#
		SETTING DEPTH
		1419'
		3810'
		4100'
		QUANTITY OF CEMENT
		625 sx.
		250 sx.
		Circulate

This well was originally drilled by Tenneco and completed Dec. 28, 1962, from the Yates Formation @ 3344-3368½ feet. On February 12, 1963, Hanson Oil Company assumed operations of this well. It is now proposed to remove the 5-1/2" casing shoe and set a 4" liner from 3700 feet to 4100 feet with the cement circulated. The Queen sand at 4030-4070 feet will then be perforated and sand-oil fractured.

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Harry F. Schram

TITLE

Exec. Vice President

DATE

9-15-69

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

SEP 29 1969

R. BROWN
DISTRICT ENGINEER

*See Instructions On Reverse Side