

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 19423
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Hanson Oil Corporation		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 1515, Roswell, New Mexico 88201		8. FARM OR LEASE NAME H-M Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 330' FNL & 560 FEL At proposed prod. zone		9. WELL NO. #1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 19 miles South of Carlsbad, New Mexico		10. FIELD AND POOL, OR WILDCAT Undes
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, 25-S, 26-E
16. NO. OF ACRES IN LEASE 320		12. COUNTY OR PARISH Eddy
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE N.M.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None		19. PROPOSED DEPTH 2050'
20. ROTARY OR CABLE TOOLS Rotary		21. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 0-1920 w/ C.T.- 1920-T.D.-
22. APPROX. DATE WORK WILL START* August 15, 1976		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8-5/8"	24 #	120'	150 sx. - circ.
7-7/8"	4 1/2"	9.5 #	2050'	175 sx.

It is proposed to drill the above captioned well from surface to 1920' by a cable tool rig. From 1920' to total depth will then be cored with rotary to a sufficient depth to test the Delaware Sand. If commercial oil or gas is found the above casing program will be followed. Blow out preventors will be used during drilling and completion operations.

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AUG 6 1976

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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SEP 15 1976

O. C. C.

ARTESIA, OFFICE

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

Ray Will

TITLE

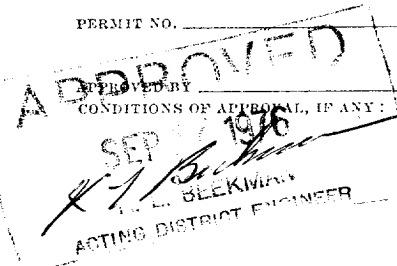
Vice President/Production

DATE

July 19, 1976

(This space for Federal or State office use)

PERMIT NO.



THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES DEC 14 1976

DATE

*See Instructions On Reverse Side