

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <u>Re-enter</u> <u>DRILL</u> <input checked="" type="checkbox"/> <u>DEEPEN</u> <input type="checkbox"/> <u>PLUG BACK</u> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC 028978b
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 H & S Oil Company ✓		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 216 American Home Bldg. Artesia, N. M. 88210		8. FARM OR LEASE NAME McClay
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface <u>330 ft. from North line</u> At proposed prod. zone <u>1650 ft. from East line</u> <u>Queen Grayburg</u>		9. WELL NO. 7
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 25 miles South East of Artesia		10. FIELD AND POOL, OR WILDCAT North Benson Queen
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330 ft. North line of lease		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 33-18-30
16. NO. OF ACRES IN LEASE 880		12. COUNTY OR PARISH Eddy
17. PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. Direct Offset		13. STATE N.M.
18. PROPOSED DEPTH 3330		20. ROTARY OR CABLE TOOLS Cable
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3440		22. APPROX. DATE WORK WILL START* Dec. 26, 1973

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10	8 5/8	26	573	Cemented with 50 SAC
8	4 1/2	9 1/2	3330	Cement with 100 Sac

We propose to clean this well to total depth and run 4 1/2" pipe to total depth and cement with 100 Sacs.

We'll then treat the well in accordance to shows.

*Formerly Lemma & Reese oil Co
P & A approved 8-6-64*

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DEC 17 1973

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 R. D. Henschel TITLE Partner DATE 12/17/73
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE DEC 19 1973
APPROVED BY [Signature] TITLE DISTRICT ENGINEER DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

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U.S. AIR FORCE