

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Amended

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 1372
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 Roger C. Hanks		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 3148, Midland, TX 79701		8. FARM OR LEASE NAME Barbara Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FNL & 1980' FWL		9. WELL NO. 5
At proposed prod. zone Objective Morrow		10. FIELD AND POOL, OR WILDCAT Dagger Draw Field
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approx. 8 mi west & 2 mi north of Lakewood, NM		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 18-19S-25E
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980'	16. NO. OF ACRES IN LEASE 160	12. COUNTY OR PARISH Eddy
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320'	19. PROPOSED DEPTH 9150	13. STATE NM
20. ROTARY OR CABLE TOOLS Moran Bros., Inc.		17. NO. OF ACRES ASSIGNED TO THIS WELL 40
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3599.8 GR		22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

Electric log indications at 8000' necessitated deeper drilling to test for possible Morrow production estimated between 8900' and 9150'. If productive 5½" casing will be run and cemented to assure protection for isolation of the potentially productive zone.

RECEIVED

JUN 1 1976

O. C. C.
ARTESIA, OFFICE

RECEIVED

MAY 21 1976
U. S. GEOLOGICAL SURVEY
ARTESIA, N. M.

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 Roger C. Hanks TITLE Owner-Operator DATE May 21, 1976
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE MAY 17 1976APPROVED BY Joe J. Lara TITLE ACTING DISTRICT ENGINEER DATE _____
CONDITIONS OF APPROVAL, IF ANY: