

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR  
DAVID FASKEN

3. ADDRESS OF OPERATOR  
608 First Natl. Bank Bldg., Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 1664' FNL, 660' FEL  
At proposed prod. zone 1664' FNL, 660' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
5 miles north of Carlsbad

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 9000'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
3236 GL

5. LEASE DESIGNATION AND SERIAL NO.  
NM-911

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
E. L. Fasken Federal  
Overland Federal

9. WELL NO.  
3

10. FIELD AND POOL, OR WILDCAT  
Undesignated

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 1, T-21-S, R-26-E

12. COUNTY OR PARISH  
Eddy

13. STATE  
New Mexico

16. NO. OF ACRES IN LEASE  
ARTESIA, OFFICE 1464.64

17. NO. OF ACRES ASSIGNED TO THIS WELL  
281.3

19. PROPOSED DEPTH  
11,450'

20. ROTARY OR CABLE TOOLS  
Rotary

22. APPROX. DATE WORK WILL START\*  
July 25, 1974

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	350'	300 sxs.
12-1/4"	8-5/8"	24# & 32#	4,300'	1000 sxs.
7-7/8"	5-1/2"	17# & 20#	11,450'	650 sxs.

1. Drill 17 1/2" hole to 350' with spud mud. Set & cement 13-3/8" casing.
2. Install Shaffer 12" x 3000 W.P. type "E" hydraulic double ram B.O.P.
3. Drill 12 1/4" hole to 4300' with fresh water. Set & cement 8-5/8" casing. Test casing to 2000 psig.
4. Install 10" x 12" spool, choke manifold, 12" x 3000 W.P. Shaffer type "E" hydraulic double ram B.O.P. & Hydril 10" x 3000 W.P. "GK" B.O.P.
5. At 8000' install mud-gas separator, automatic choke, rotating head, pit volume totalizer and flow line sensor. Run Yellow Jacket hydraulic test of B.O.P. stack & well head.
6. Drill 7-7/8" hole 4300' to 11,450' using brine and solids mud as needed.
7. D.S.T. all pay zones and run electric logs.
8. Set & cement 5-1/2" casing.
9. Perforate and test pay zone.

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 James B. Henry TITLE Agent DATE 6-28-74

(This space for Federal or State office use)

PERMIT NO.

SUBJECT TO ATTACHED DEEP WELL CONTROL

REQUIREMENTS DATED JUN 22, 1973 APPROVAL DATE

TITLE

DATE

THIS APPROVAL IS RESCINDED IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS.

EXPIRES OCT 26 1974

DECLARED WATER BASIN  
\*See Instructions On Reverse Side  
C. M. N. I. CASINO MUST BE CIRCULAR

NOTIFY USGS IN SUFFICIENT TIME TO  
WITNESS CEMENTING THE CASINO