

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

API 30-025-29315

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

Oryx Energy Company

3. ADDRESS OF OPERATOR

P. O. Box 1861, Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

At proposed prod. zone C, 330' FNL & 1980' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

30 miles West of Hobbs

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

330'

16. NO. OF ACRES IN LEASE

1114.15

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

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

None

19. PROPOSED DEPTH

9400

20. ROTARY OR CABLE TOOLS

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

4020' GR

22. APPROX. DATE WORK WILL START*

Upon Approval

23. 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#	355'	375 sxs - Surf.
12 1/4"	8 5/8"	24# & 32#	3300	1100 sxs - Surf.
7 7/8"	5 1/2"	15.5 & 17#	9220'	1450 sxs - TOC @ 2300' T.S.

Plug back from the Mescalero Escarpe Bone Springs to the E-K Delaware Pool.

- 1) MIRU PU. POH W/ RODS & PUMP. NU BOP. TOH W/ 2-7/8" TBG & PSU.
- 2) RU ATLAS. RUN & SET 5-1/2" CIBP @ 8650'. DUMP BAIL 3 SX CLASS H CMT ON TOP. PERF DELAWARE (LIMITED ENTRY) 5258-5260' W/ 2 SPF (4 HOLES) & 5326-5348' W/ 2 SP3F (15 HOLES) BY SCHLUMBERGER CEMENT EVALUATION LOG DATED 9/25/85 (FLAT TO SCHLUMBERGER CN-LD LOG DATED 9/17/85). PERF USING A 4" HSC CSG GUN, 0° PHASING, DECENTRALIZED.
- 3) RU D-S. ACDZ DELAWARE DOWN 5-1/2" CSG W/ 500 GAL 7-1/2% HCL W/ 29 7/8" 1.3 SG RCNBS SPACED EVENLY THROUGHOUT @ 7 - 10 BPM, MAX PRESS 3800 PSI. FLUSH TO BOTTOM PERF W/ 2% KCL WTR. SURGE BALLS OFF PERFS.

(Cont. on Page 2)

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

TITLE

Proration Analyst

DATE

3-25-91

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

4-8-91

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side