

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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'

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

None

16. NO. OF ACRES IN LEASE

1114.15

19. PROPOSED DEPTH

9400

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

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