

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 ~~Water Supply~~SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Oryx Energy Company ✓

3. ADDRESS OF OPERATOR

P. O. Box 1861, Midland, Texas 79702

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

At surface

E, 2310' FNL & 990' FWL

At proposed prod. zone

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

16 Air miles South-Southeast of Malaga, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

990'

16. NO. OF ACRES IN LEASE

1240

17. NO. OF ACRES ASSIGNED
TO THIS WELL

None

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

2640'

19. PROPOSED DEPTH
4045' PBD
5180' TD

20. ROTARY OR CABLE TOOLS

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

2913' 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
11"	8-5/8"	24#	536'	250 sxs - Surface
7-7/8"	5-1/2"	15.5#	5180'	350 sxs - TOC 4152' CBL

Plug Back from an Oil Well in the Brushy Draw Delaware Pool to a ~~Water Supply Well~~
in the Und. Cherry Canyon Pool.

1. MIRU PU. NU BOP.
2. RU SCHLUMBERGER. RUN & SET 5½" CIBP @ 5000'. DUMP BAIL 3 SX CLASS H NEAT ON TOP. RUN MINIMUM RUN GR/CCL/COMPENSATED NEUTRON LOG FROM 4200'. PERF 4-WAY SQZ SHOTS @ 4050' AND 3875'.
3. TIH W/ 5½" CR ON 2-7/8" 6.5# J-55 TBG & SET @ 4045'. EIR AND CIRCULATE BETWEEN SQZ HOLES W/ BRADENHEAD CLOSED. SQZ THROUGH RET W/ 60 SX CLASS C W/ 2% CACL₂. STING OUT OF RET & TOH W/ TBG & STINGER. WOC OVERNITE.

(CONTINUED)

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 2-5-91

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE 2/14/91

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side