

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-02-10302

5. LEASE DESIGNATION AND SERIAL NO.

NM0557257

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Elliott "B" 15

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Tubb

11. SEC. T., E., M., OR BLE. AND SURVEY OR AREA

15, T-22-S, R-37-E

12. COUNTY OR PARISH 13. STATE

Lea

New Mexico

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, Texas 79702

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

At surface

A, 510' FNL & 660' FEL

At proposed prod. zone

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

5 miles South of Eunice

15. DISTANCE FROM PROPOSED*

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

510'

16. NO. OF ACRES IN LEASE

80

17. NO. OF ACRES ASSIGNED TO THIS WELL

80

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

19. PROPOSED DEPTH

6484 TD
6200 PBD

20. ROTARY OR CABLE TOOLS

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

3388' GR

22. APPROX. DATE WORK WILL START*

ASAP

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/8"	10 3/4"	32.75	194'	135 sxs - Surface
9 7/8"	7 7/8"	26.40 #	2760'	1500 sxs - Surface
6 3/4"	5 1/2"	17#	6429'	445 sxs TOC 2725' T.S.

Plug back from the Drinkard to the Tubb Pool.

80-acre Non-Standard Gas Proration Unit (requires 160 acs.)

Unorthodox Location 510' to outer boundary of proration unit (requires no closer than 660')

This will be dual well with the Blinbry Pool.

1. MIRU PU. NU BOP. DROP SV & TEST TBG TO 5500 PSI. RLSE LOK-SET PKR & POH. IF TBG DOES NOT PRES TEST, TEST WHILE RIH IN STEP 4 & REPLACE AS NECESSARY.

2. RU WSI. SET CIBP @ 6200'. DUMP BAIL 35' CMT ON TOP.

(Cont. to Pg. 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

[Signature]

TITLE

Proration Analyst

DATE

6-7-91

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

[Signature]

TITLE

DATE

6-24-91

CONDITIONS OF APPROVAL, IF ANY:

23. Proposed Casing and Cementing Program:

3. NU LUBRICATOR. WSI PERF TUBB 6002-40', 6080-6116', 6122-32' BY WELEX GR/N/CCL LOG DATED 10-1-69 W/ 4" HSC, 23 GC, 2 JSPF, 168 HOLES, 120 DEGREE PHASING.
4. RIH W/ 4-3/4" RB & 5-1/2" CSG SCPR ON 2-3/8" TBG. WORK CSG SCPR THOROUGHLY THRU PKR SETTING INTERVAL 5870-5970'. LOWER TS TO 6140'. RU DS. SPOT 200 GAL 20% NEFE HCL ACROSS PERFS. POH.
5. RIH W/ 5-1/2" LOK-SET PKR W/ PUMP OUT PLUG IN PLACE (SET TO SHEAR @ 4000 PSI), & SN ON 2-3/8" TBG. SET PKR @ 5920' W/ 15 PTS COMP. ND BOP. NU WH. PREPARE SURFACE LINES FOR IMMEDIATE FLOWBACK. DS ACDZ TUBB PERFS AS FOLLOWS:
 - A. LOAD TBG W/ 10 GAL LSE WTR FOLLOWED BY 400 GAL 20% NEFE HCL. (FL SHOULD BE AT 3460' FS).
 - B. PUMP N2 DOWN TBG @ 15 MSCF/MIN TO SHEAR PUMP OUT PLUG. MAX PRES 5500 PSI.
 - C. AFTER PUMP OUT PLUG SHEARS, CONTINUE PUMPING N2 @ 15 MSCF/MIN WHILE ALSO PUMPING 2000 GAL 20% NEFE HCL @ 2 BPM.
 - D. FLUSH W/ 40 MSCF N2 @ 15 MSCF/MIN.
6. FLOW WELL TO TANK IMMEDIATELY AT MAX RATE. AFTER WELL BEGINS PRODUCING PRIMARILY FORMATION GAS, CHOKE WELL BACK AS NECESSARY TO MAINTAIN STABLE TBG PRESSURE. WHEN WELL CLEANS UP, TURN TO BATTERY TO OBTAIN TEST RATE. RR.
7. RUN BUILDUP & 4 POINT POTENTIAL TESTS & OBTAIN GAS SAMPLE AS DIRECTED BY ENGINEERING.