

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  
CONTINENTAL OIL COMPANY

3. ADDRESS OF OPERATOR  
P.O. Box 460 Hobbs, N.M. 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
660' FNL § 1980' FWL OF SEC. 22  
At proposed prod. zone  
SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
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5. LEASE DESIGNATION AND SERIAL NO.  
029509-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
BAISH-B

9. WELL NO.  
2

10. FIELD AND POOL, OR WILDCAT  
MALJ. ON GAS

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC. 22, T. 17S, R. 32E

12. COUNTY OR PARISH 13. STATE  
LEA N.M.

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH  
4130

20. ROTARY OR CABLE TOOLS  
ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4015' DF

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
	4.5"	9.5#	4130'	300sk.

It is proposed to recomplate this Queen gas well in the Grayburg-San Andres formation by cleaning out to 4130', setting 1100' of 4½" liner, perforating, fracturing and acid stimulating the 6th and 7th zones, respectively.

Queen gas production has declined to an uneconomical level of 100 MCF/month.

Grayburg-San Andres recovery for the recompletion is estimated at 40,000 BO over nine years based on offset well performance. An initial potential of 30 BOPD is anticipated.

SEE ATTACHED FOR PROPOSED PROCEDURE AND RELATED INFORMATION

SEP 19 1978  
U.S. GEOLOGICAL SURVEY  
ALBUQUERQUE, NEW MEXICO

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 W. A. Butterfield TITLE Administrative Supervisor DATE 9-15-78  
(This space for Federal or State office use)

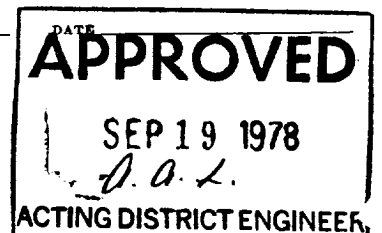
PERMIT NO. APPROVAL DATE

APPROVED BY TITLE

CONDITIONS OF APPROVAL, IF ANY:

[X] FILE.

\*See Instructions On Reverse Side



Baish B#2

Recomplete to Grayburg - San Andres

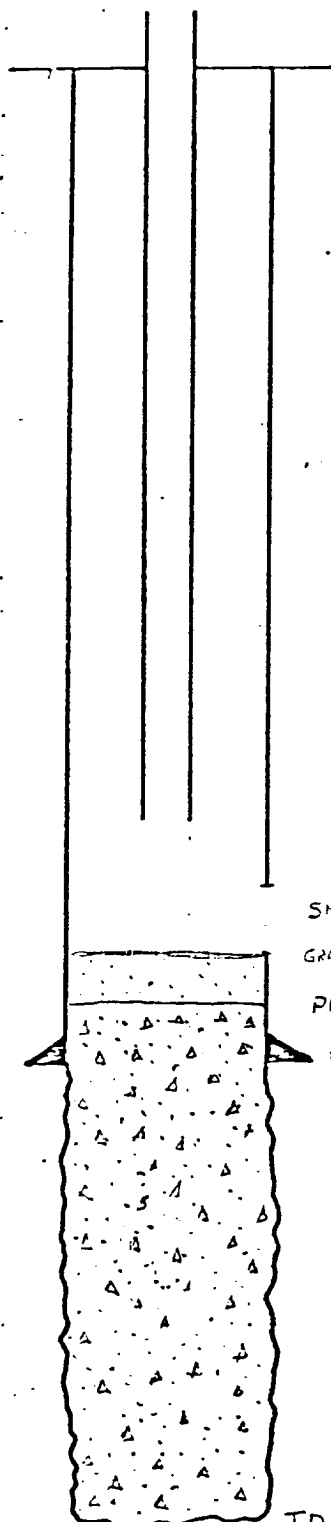
- 1) M.I. + R.U. LOAD OR KILL WELL IF NECESSARY.
- 2) POOH w/ 2" Tbg. (Casing has MORE PRESSURE ON IT THAN TBG.)
- 3) GIH w/ bit and drill-out to 4130'.
- 4) Run GR-SNP and DLL from TD TO 7" CSG. SHOE AT 3600'.
- 5) GIH w/ 1100' of 4½", 10.5 # STC casing WITH Liner HANGER, PACKOFF, AND TIE-BACK RECEPTACLE. Set TOP OF LINER at 3000' w/ SHOE JOINT set at 4130'.
- 6) Pump 300 sx Class 'C' w/ 0.8% Halad-9 (or equiv), 2%  $\text{CaCl}_2$ , and 1% CFR-2 at 3-4 BPM. W.D.C. for at least 24 hours.
- 7) Drill out TO  $\pm 4100'$  (PBTD)
- 8) Perforations, an acid job, AND a seac job will be designed from logs run in step 4. ~~FB~~

BAISH B # 2

660' FNL + 1980' FWL; SEC 2: -17-S, R-32E  
LEA CO.

Completion DATE:

10/15/32



LAST RECORD of Tbg shows 2" @ 3032'

SHOT w/ 120 lb. 3100-3130'

GRAVEL TO 3130'

PB-3550'

7", 22# @ 3600' w/ 425sx

TD- 4157'

4 MCF/day - PRODUCTION

PRESENT

ORIGIN C = 2

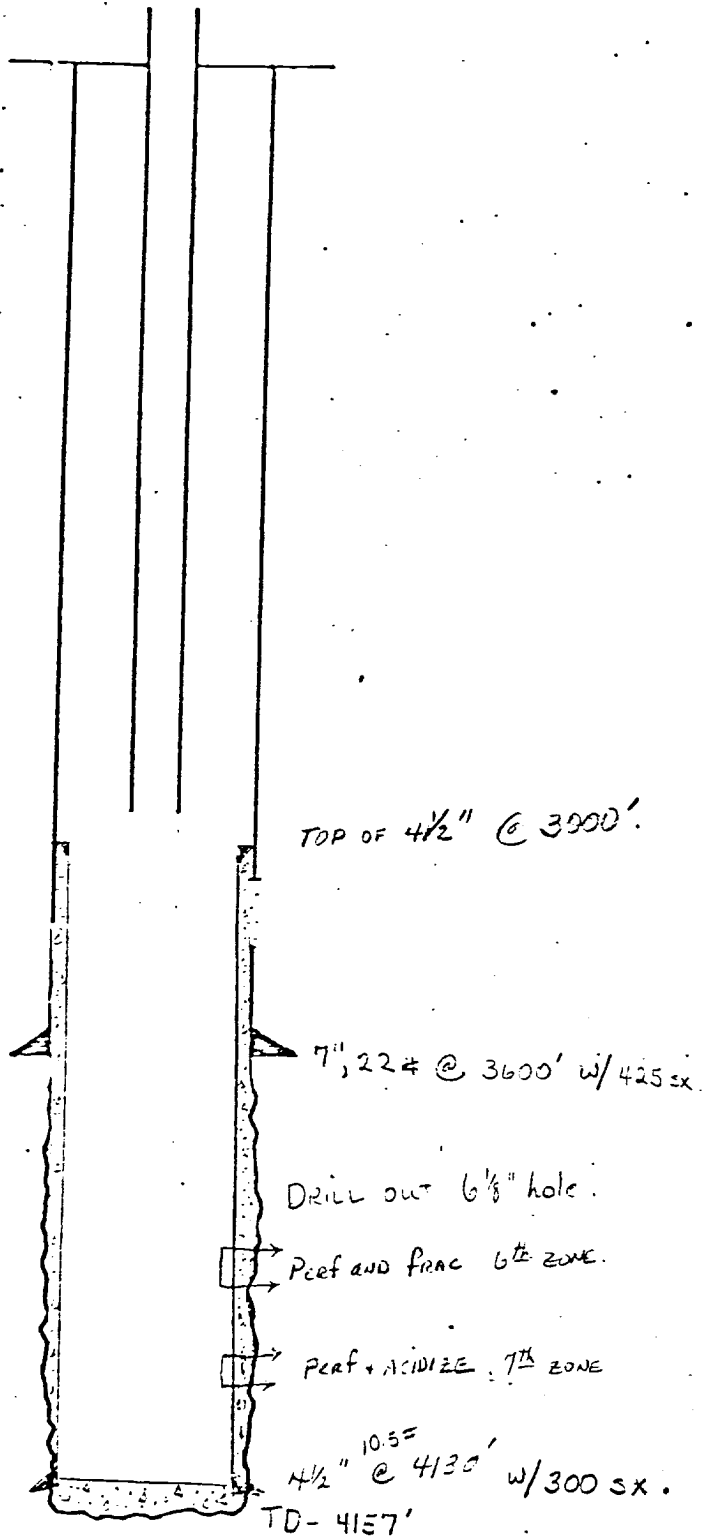
660' FNL + 1920' FWL; SEC. T-17-S, R-32E  
LEA 10.

Completion DATE:

10/15/32

ROTARY TOOLS - 0-3500'

CABLE TOOLS - 3000-4157



PROPOSED.