

UNIT STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instruction
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

dsf

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☐ DEEPEN ☐ PLUG BACK ☒		5. LEASE DESIGNATION AND SERIAL NO. NM 0544986
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Texaco Exploration & Production Inc		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 730 Hobbs, NM 88240		8. FARM OR LEASE NAME Todd 25 Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface Unit letter F, 1980' FNL & 1970' FWL At proposed prod. zone		9. WELL NO. 1-Z
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 30 miles East of Carlsbad, NM		10. FIELD AND POOL, OR WILDCAT Deleware
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any) 330'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 25-23S-31E
16. NO. OF ACRES IN LEASE 40		12. COUNTY OR PARISH Lea
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE NM
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		22. APPROX. DATE WORK WILL START* 11-01-92
19. PROPOSED DEPTH 15714'		
20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3505' GL		

RECEIVED
SEP 22 1992
O. C. D.
ARIZONA OFFICE

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	10 3/4	45.5, 40.5	4430'	2150 sx (circ)
9 1/2	7 5/8	39.0, 33.7	12700'	2500 sx (TOC 3685' TS)
6 1/4	4 1/2	13.5	12183-15051'	625 sx

- MIRU pulling unit. Install BOP. Kill well. Release from packer and TOH w/2-3/8" CS Hydrill tbg.
- TIH w/4-1/2" CISP on 2-3/8" tbg. Set CISP above packer (14,400') at 14,300' and dump 50' cat on top for a PBD - 14,250'.
- Spot a 200' cat plug (approx. 40 sx) across liner top from 12,250'-12,050'. Tag top of plug.
- Spot a 150' cat plug (approx. 40 sx) from 8250'-8400'.
- Spot 150 gallons 10% acetic acid across perforation interval (approx. 8290'-8210'). TOH w/2-3/8" tbg.
- MIRU wireline. Run a GR-OCL log from 8400'-8400' (2000' minimum charge). TOH w/logging tools.
- Rig up packoff and TIH w/4" casing gun w/120 deg spiral phasing and perforate the following Brushy Canyon interval w/2 JSPF: 8220'-8260' & 8266'-8282' (114 holes). TOH w/gun. RD wireline.
- TIH w/7-5/8" treating packer on 2-7/8" 6.5# J-55 tbg. Test tbg into hole to 6000 psi. Set packer at 8100' (below DV at 8025').
- Acidize perforations 8220'-8282' w/3000 gallons 15% NEFF and 170 1.3 S.G. ball sealers at an average rate of 5 BPM. Swab back load and check for shows.
- Fracture stimulate perforations 8220'-8282' w/25,000 gallons 30% borate X-linked 2t KCL gel carrying 74,000# 20/40 Ottawa sand and 20,000# 20/40 curable resin coated sand at an average injection rate of 20 BPM and an average treating pressure of 4000 psi w/max not to exceed 6000#. Flush short of top perf.
- Flow/swab back.
- Release packer. TOH w/tbg and pkr.
- Clean out fill. Release and TOH w/RBP and tbg.
- TIH w/production equipment. Place on pump.
- Release pkr. TOH w/tbg and pkr.
- Clean out any fill. Test 8220'-8282' by swabbing/flow.
- Kill well. TOH w/tbg.
- TIH w/7-5/8" RBP and tbg and set 7900'. Dump 10' sand on top.
- Spot 100 gallons 10% acetic acid across perforation interval (approx. 7700'-7650'). TOH w/tbg.
- MIRU wireline. Rig up packoff and TIH w/4" casing gun w/120 deg spiral phasing and perforate the following Brushy Canyon interval w/2 JSPF: 7682'-7696' (29 holes). TOH w/gun. RD wireline.
- TIH w/7-5/8" treating packer on 2-7/8" 6.5# J-55 tbg. Test tbg into hole to 6000 psi. Set packer @ 7500'.
- Acidize perforations 7682'-7696' w/1500 gallons 15% NEFF and 40 1.3 S.G. ball sealers at an average rate of 5 BPM. Swab back load and check for shows.
- Fracture stimulate perforations 7682'-7696' w/25,000 gallons 30% borate X-linked 2t KCL gel carrying 74,000# 20/40 Ottawa sand and 20,000# 20/40 curable resin coated sand at an average injection rate of 20 BPM and an average treating pressure of 4000 psi w/max not to exceed 6000#. Flush short of top perf.
- Flow/swab back.
- Release packer. TOH w/tbg and pkr.
- Clean out fill. Release and TOH w/RBP and tbg.
- TIH w/production equipment. Place on pump.

(over)

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.

SIGNED Dr. Johnson TITLE Engr Asst DATE 09-09-92

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

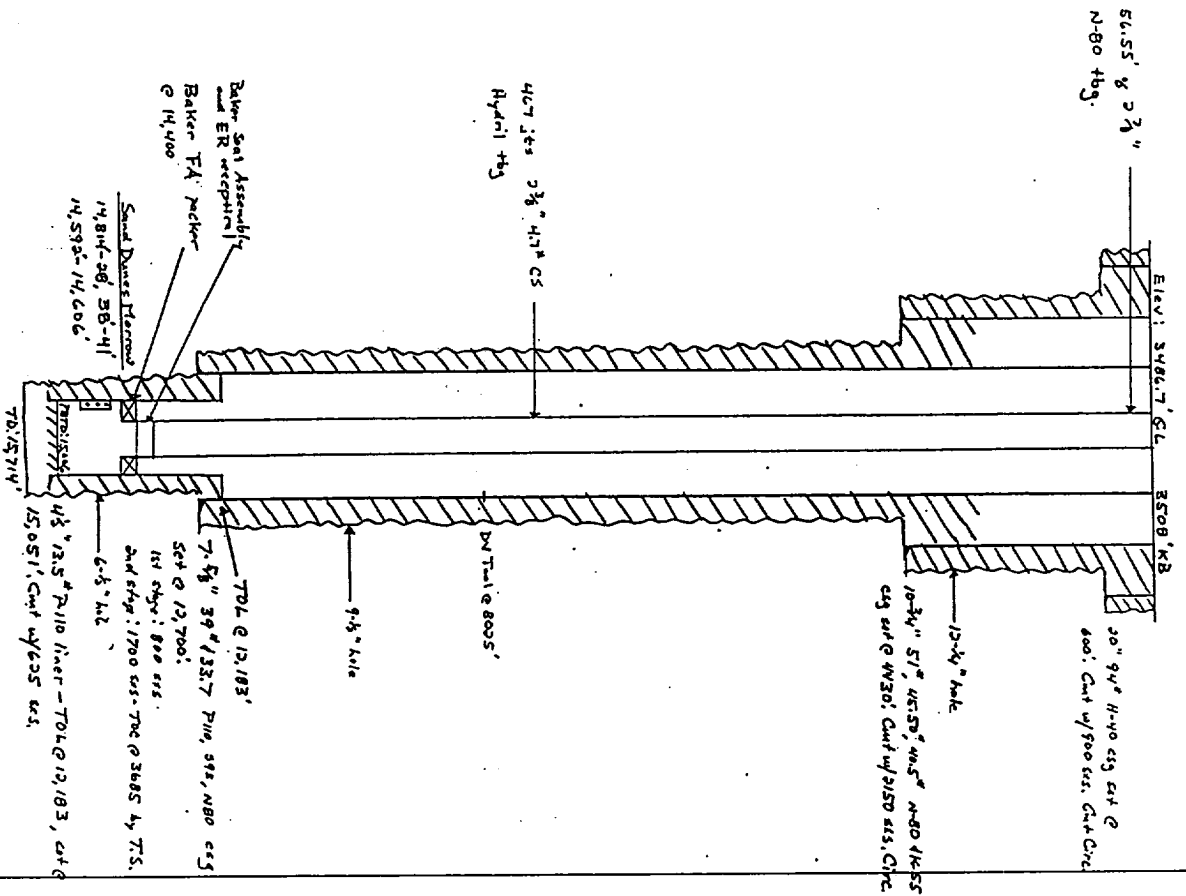
APPROVED BY _____ TITLE _____ DATE 9-21-92

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Current



Proposed

