

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC-064790
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Amoco Production Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Drawer "A", Levelland, TX 79336		8. FARM OR LEASE NAME West Tonto Deep Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1980' FNL x 690' FWL, Section 18 (Unit E, SW/4 NW/4) At proposed prod. zone		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT West Tonto Penn-Morrow
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 18-9-33
16. NO. OF ACRES IN LEASE --		12. COUNTY OR PARISH Lea
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		13. STATE New Mexico
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 10,950'		20. ROTARY OR CABLE TOOLS Service Unit
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3635 GL		22. APPROX. DATE WORK WILL START* February 15, 1978

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
No Change				

Propose to PxA Morrow Zone 13,218'-13,610', by setting cast iron bridge plug at approximately 12,075' and capping with 35' cement. Perforate 7" casing at approximately 10,500' and circulate cement to surface behind the 7" casing. WOC 24 hours and perforate Wolfcamp intervals 10,924'-40' and 10,948'-60'. Acidize perforations and evaluate well for commercial production.

Wellbore sketch attached.

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 Ray W. Cox TITLE Administrative Supervisor DATE 1-19-78  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

O&S-USGS-Hobbs

1-Div.  
1-Susp.  
1-RC

\*See Instructions On Reverse Side

