

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

1-17-97

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>NM 29276</b>
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>ARCO Permian</b>		7. UNIT AGREEMENT NAME <b>20591</b>
3. ADDRESS AND TELEPHONE NO. <b>P.O. BOX 1610, MIDLAND, TX 79702</b>		8. FARM OR LEASE NAME, WELL NO. <b>HAMMOND "17" FED CC 1</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At surface <b>1992' FAL, 1796' FEL</b> At proposed production zone <b>SAME</b>		9. API WELL NO. <b>30-015-29450</b>
14. DISTANCE FROM NEAREST TOWN OR POST OFFICE <b>9 MILES SOUTHEAST FROM ARTISIA, NM</b>		10. FIELD AND POOL, OR WILDCAT <b>RED LAKE (UNDES)</b>
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest dr. g. unit line, if any) <b>74'</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>17-T18S-R27E</b>
16. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR ABANDONED, ON THIS LEASE, FT. <b>260</b>		12. COUNTY OR PARISH <b>EDDY</b>
17. NO. OF ACRES ASSIGNED TO THIS WELL <b>320</b>		13. STATE <b>N.M.</b>
18. PROPOSED DEPTH <b>10,000</b>		14. ROTARY OR CABLE TOOLS <b>ROTARY</b>
20. APPROX. DATE WORK WILL START <b>SPUD 2/97</b>		

1. Casing Size	2. Casing Weight	3. Weight per Foot	4. Setting Depth	5. Quantity of Cement
11 3/4	13 3/8	40	500	750
12 1/4	9 5/8	36	2600	1600
8 3/4	5 1/2	17	10,000	1700

Subject well is planned as a 10,000' straight hole.  
3,000 psi BOPE will be used from 1000' to TD.

Attachments are as follows:

1. Certified Location Plat
2. Drilling Plan with attachments
3. Surface Use Plan with attachments

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

Posted 10/1  
N. M. API  
3-21-97

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 Charles W. Kutzler Jr. TITLE REGULATORY COMPLIANCE DATE 01-16-97

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

\*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.