

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IS TRIPLICATE\*  
(Other instructions on  
reverse side)

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

30-025-30790

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>LC-031740-B</b>
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----
2. NAME OF OPERATOR <b>ARCO Oil and Gas Company, a Division of Atlantic Richfield Co.</b>		7. UNIT AGREEMENT NAME -----
3. ADDRESS OF OPERATOR <b>P.O. Box 1610, Midland, Texas 79702</b>		8. FARM OR LEASE NAME <b>CC "G.C. FEDERAL COM."</b>
4. LOCATION OF WELL (Report clearly and in accordance with any State requirements.) At surface <b>640' FNL &amp; 1830' FWL</b> At proposed Prod. zone <b>Approximately the same</b>		9. WELL NO. <b>#1</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE <b>2 miles NW of Oil Center, New Mexico</b>		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) <b>640'</b>		11. SEC., T., M., OR BLK. AND SURVEY OR AREA <b>Sec 04, T21S-R36E</b>
16. NO. OF ACRES IN LEASE <b>313.60</b>		12. COUNTY <b>Lea</b>
17. NO. OF ACRES ASSIGNED TO THIS WELL <b>313.60</b>		13. STATE <b>NM</b>
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>None</b>		20. ROTARY OR CABLE TOOLS <b>Rotary</b>
19. PROPOSED DEPTH <b>12000'</b>		21. APPROX. DATE WORK WILL START <b>Spud 2/90</b>
21. ELEVATIONS (Show whether GH or KB) <b>3537.0 GL</b>		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT <sup>113</sup>
17-1/2"	13-3/8"	48#	400'	550 cuft <b>CIRCULATE</b>
12-1/4"	9-5/8"	36#	5000'	2000 cuft <b>CIRCULATE</b>
8-3/4"	7" or 5-1/2"	26# or 17#	12000'	2000 cuft

Pursuant to the "Onshore Oil and Gas Order #1" attachments are as follows:

1. Certified Location Plat
2. Drilling Plan with attachments
3. Surface Use Plan with attachments
4. Release of Damage Claim

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
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 M E Z TITLE Area Drilling Engineer DATE 12/28/89  
(This space for Federal or State Use)

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

APPROVED BY Orig. Signed by Richard L. Manu TITLE AREA MANAGER DATE 2-2-90

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

NON-STANDARD LOCATION

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly 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.

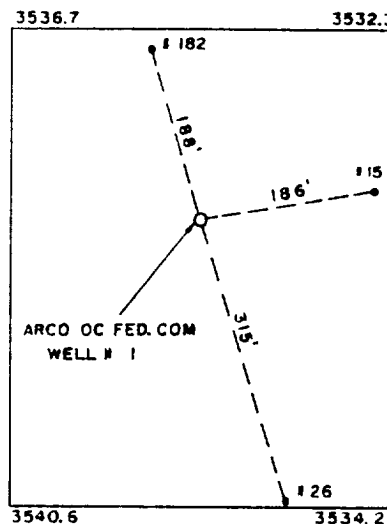
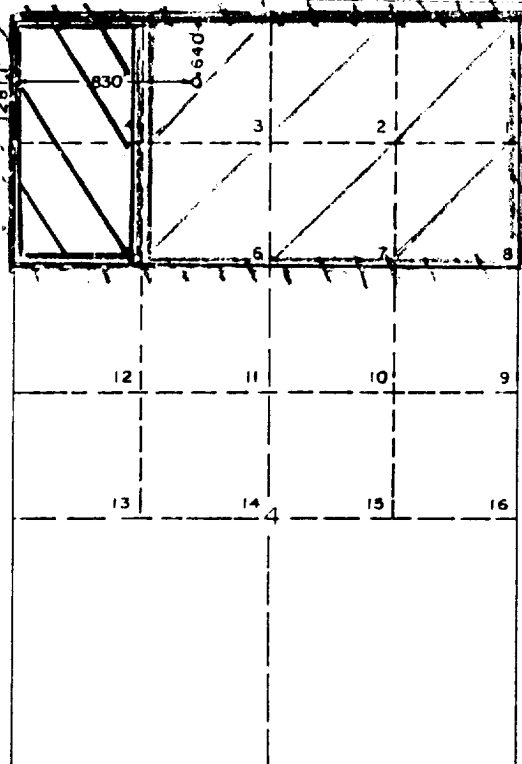
Subject to  
Like Approval  
by State

Form C-102  
Supersedes C-128  
Effective 1-4-65

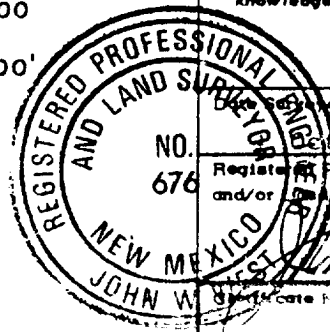
Operator ARCO Oil & Gas Company		Lease ARCO <del>O.G.</del> Federal Com.		Well No. 1	
Unit Letter C	Section 4	Township 21 South	Range 36 East	County Lea	
Actual Footage Location of Well: 640 feet from the North line and 1830 feet from the West line					
Ground Level Elev. 3537.0	Producing Formation Ellenburger	Pool Wildcat		Dedicated Acreage: 313.60 Acres	

- No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

Case No. JOHN F. WHEAT 672



400 X 500  
PAD  
1" = 200'


$$I'' = 2000'$$