

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

30-025-31937

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | |
|--|---|
| 1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | 5. LEASE DESIGNATION AND SERIAL NO. LC--032650-B |
| b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input 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 ARCO Oil and Gas Company | 7. UNIT AGREEMENT NAME South Justis Unit |
| 3. ADDRESS OF OPERATOR P.O. Box 1610, Midland, Texas 79702 Phone, 915-688-5672 | 8. FARM OR LEASE NAME South Justis Unit 'F' |
| 4. LOCATION OF WELL (Report clearly and in accordance with any State requirements.) At surface 1350' FSL & 2300' FWL (Unit Letter K) At proposed Prod. zone Approximately the same | 9. WELL NO. 210 |
| 13. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 4.0 miles east of Jal, New Mexico | 10. FIELD AND POOL, OR WILDCAT Justis Blinbry Tubb Drinkard |
| 15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) 30' | 11. SEC., T., M., OR BLK. AND SURVEY OR AREA 24-T25S-R37E |
| 16. NO. OF ACRES IN LEASE 5360 | 12. COUNTY 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. 665' | 20. ROTARY OR CABLE TOOLS Rotary |
| 21. ELEVATIONS (Show whether GR or KB) 3071' GR | 22. APPROX. DATE WORK WILL START Spud 6/93 |

| 23. PROPOSED CASING AND CEMENTING PROGRAM | | | | |
|---|----------------|-----------------|---------------|------------------------------------|
| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT ft ³ |
| 20" | 13-3/8" | 48.0# | 40' | 50 cu ft |
| 12-1/4" | 8-5/8" | 24.0# | 1000' | 825 cu ft (circumferential) |
| 7-7/8" | 4-1/2" | 10.5# | 6200' | 3,200 cu ft (tie back) |

Unorthodox location approved by Amendment to Order No. R-9747 dated 1-11-93

Subject well is planned as a 6200' MD (6200' TVD) straight well. 3M psi BOPE will be used from 1000' to TD. Attachments are as follows:

1. Certified Location Plat
2. Drilling Plan with Attachments 1-3
3. Surface Use Plan with Attachments 3-9

Previously submitted by AOGC to BLM:

1. Archaeological Survey of The South Justis Waterflood Project
2. Preliminary Project Report South Justis Unit
3. Unit Agreement South Justis Unit

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 preventor program, if any.

24. SIGNED Ken W. Gosnell TITLE Regulatory Coordinator DATE 2-22-93
(This space for Federal or State Use)

PERMITTED BY (ONG, SOD) RICHARD L. MANUS APPROVAL DATE _____
APPROVED BY _____ TITLE AREA MANAGER DATE 4/5/93

CONDITIONS OF APPROVAL, IF ANY:

GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

*See Instructions On Reverse Side

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.

NSL R-9747