

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. OIL CONS. COMMISSION
P.O. BOX 14
SUN HOBBS, N.M. 88240

(Other instructions on
reverse side)

Form approved.
Bureau Order 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-060942																					
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <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 'D' <001499																					
4. LOCATION OF WELL (Report clearly and in accordance with any State requirements.) At surface 1300' FSL & 260' FEL (Unit Letter P) At proposed Prod. zone Approximately the same		9. WELL NO. 140																					
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 <3422D																					
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. line, if any) 20'		11. SEC., T., M., OR BLK. AND SURVEY OR AREA 11-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. 700'		20. ROTARY OR CABLE TOOLS Rotary																					
19. PROPOSED DEPTH 6,200'		22. APPROX. DATE WORK WILL START Spud 3/94																					
21. ELEVATIONS (Show whether GR or KB) 3127' GR		23. PROPOSED CASING AND CEMENTING PROGRAM																					
<table border="1"><thead><tr><th>SIZE OF HOLE</th><th>SIZE OF CASING</th><th>WEIGHT PER FOOT</th><th>SETTING DEPTH</th><th>QUANTITY OF CEMENT ft³</th></tr></thead><tbody><tr><td>20"</td><td>13-3/8"</td><td>48.0#</td><td>40'</td><td>50 cu ft</td></tr><tr><td>12-1/4"</td><td>8-5/8"</td><td>24.0#</td><td>1000'</td><td>825 cu ft</td></tr><tr><td>7-7/8"</td><td>4-1/2"</td><td>10.5#</td><td>6200'</td><td>3,200 cu ft</td></tr></tbody></table>				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	7-7/8"	4-1/2"	10.5#	6200'	3,200 cu ft
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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 Johnny Shields TITLE DRILLING TEAM LEADER DATE 10/12/93
(This space for Federal or State Use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY Scott J. ... TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: **UNORTHODOX**

LOCATION IS: **Subject to
Like Approval
By State**

*See Instructions On Reverse Side

Approval Subject to
General Requirements and
Special Stipulations
Attached