

STATE OF NEW MEXICO
GEOLOGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

30-015-23001

Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	☒
FILE	☒
U.S.G.S.	☒
LAND OFFICE	☒
OPERATOR	☒

RECEIVED

FEB 01 '88

O. C. D.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL ☐ DEEPEN ☐ PLUG BACK ☒ OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		8. Farm or Lease Name State "2"	
2. Name of Operator ARCO Oil & Gas Company ✓		9. Well No. 1	
3. Address of Operator Box 1610, Midland, TX 79702		10. Field and Pool or Wildcat Benson - Bone Springs Shugart - Y7RQG	
4. Location of Well UNIT LETTER E LOCATED 1855 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE OF SEC. 2 TWP. 19S RGE. 30E NMPM		12. County Eddy	
19. Proposed Depth 12184		19A. Formation Bone Springs and Queen	
21. Elevations (show whether DF, KI, etc.) 3464.2 GR		22. Approx. Date Work will start 2-15-88	
21A. Kind & Status Plug. Bond Statewide Blanket		21B. Drilling Contractor NA	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
	13 3/8	54.5	484	650	Circ
	8 5/8	28	3940	1650	Circ
	5 1/2	17	9030	900	5706 - CBL

Propose to:

- Re-test existing Bone Springs perfs 6986-94 & 8886-8900.
- If unproductive:
 - Perf Bone Springs f/8483-8751
 - Treat & test.
- If unproductive:
 - P&A Bone Springs
 - Perf sqz holes at 4550 & attempt to circ cmt behind 5 1/2 csg.
 - Perf Queen f/3218-3238.
 - Treat & test
- If unproductive:
 - Perf Queen f/3100-3120
 - Treat & test

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 8/3/88
UNLESS DRILLING UNDERWAY.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Ken W. Hosnell Title Engr. Tech. 915 688-5672 Date 1-28-88

(This space for State Use)

Original Signed By
Mike Williams

FEB 3 1988

APPROVED BY Mike Williams TITLE Oil & Gas Inspector

CONDITIONS OF APPROVAL, IF ANY