

30-025-29 780

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-101  
Revised 10-1-78

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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-11454	

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work				7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. Farm or Lease Name	
2. Name of Operator ARCO OIL AND GAS COMPANY				West Anderson Ranch State	
3. Address of Operator P. O. Box 1610, Midland, Texas 79702				9. Well No. 1	
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>9</u> TWP. <u>16-S</u> RGE. <u>32-E</u> NMPM				10. Field and Pool, or Wildcat Wildcat	
				12. County LEA	
19. Proposed Depth 14,250				19A. Formation Devonian	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4344.8 GR		21A. Kind & Status Plug. Bond GCA #8		22. Approx. Date Work will start 11-15-86	
21B. Drilling Contractor not selected					

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8	54.5	500	530	surf
12-1/4"	9-5/8	36.0	4400	1500	surf
8-3/4"	5-1/2	17,20	14,250	3500	4000

See attached:

1. Drilling prognosis
2. BOP Program

Permit Expires 6 Months From Approval  
Date 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 Gosnell Title Engr. Tech. Spec. Date 10-22-86

(This space for State Use)

Orig. Signed by  
Paul Kautz  
Geologist

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE OCT 27 1986

CONDITIONS OF APPROVAL, IF ANY: