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NEW MEXICO OIL CONSERVATION COMMISSION

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JAN 13 1982  
O. C. D.  
ARTESIA, OFFICE

30-015-24059

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. B-4456	

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"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name State BX
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Co.		9. Well No. 1
3. Address of Operator P. O. Box 1710, Hobbs, N M 88241-1710		10. Field and Pool, or Wildcat Empire Morrow South Gas
4. Location of Well UNIT LETTER 0 LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 35 TWP. 17S RGE. 28E NMPM		12. County Eddy
19. Proposed Depth 11,100'		19A. Formation Morrow Gas
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, RT, etc.) 3657.8' GR	21A. Kind & Status Plug. Bond GCA #8	21B. Drilling Contractor Moranco Drlg Co.
22. Approx. Date Work will start 1/18/82		

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" OD	54.5# K-55	700'	550	circ to surf
12 1/4"	8-5/8" OD	28# S-80	2700' - 2850'	1200	circ to surf
7-7/8"	5 1/2" OD	17# L-80	11,100'	1875	circ to surf

Propose to drill development well to test the producing capabilities of the Morrow gas zone.

Gas not Dedicated.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 2-15-82  
UNLESS DRILLING UNDERWAY

Posted ID-1  
API + NL Book  
1-15-82

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 D. D. McDaniel Title JAV. Schmidt Dist. Drlg. Supt. Date 1/11/82

(This space for State Use)

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE JAN 15 1982  
CONDITIONS OF APPROVAL, IF ANY: