

30-015-21255

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

MAR - 4 1982

O.C.D.

ALBUQUERQUE, OFFICE

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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. State Oil & Gas Lease No. K-4334	
2. Name of Operator ARCO Oil and Gas Company Div. of Atlantic Richfield Co.		8. Farm or Lease Name State BR Com	
3. Address of Operator P. O. Box 1710, Hobbs, N M 88241-1710		9. Well No. 1	
4. Location of Well UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 16 TWP. 21S RGE. 26E NMPM		10. Field and Pool, or Wildcat Avalon Morrow Gas	
21. Elevations (Show whether DF, RT, etc.) 3285.4' GR		12. County Eddy	
21A. Kind & Status Plug. Bond GCA #8		19. Proposed Depth 9644'	
21B. Drilling Contractor Not Selected		19A. Formation Canyon Gas	
22. Approx. Date Work will start 3/26/82		20. Rotary or C.T. Comp Unit	

23. Present 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	48 & 54#	510'	500 sx & 8 yds	R-M Circ
12 1/4"	8-5/8" OD	24 & 32#	2503'	900 sx	Circ
7-7/8"	5 1/2" OD	15.5 & 17#	11,134'	850 sx	TOC @ 7800'

Blowout Preventer Program Attached.

Recomplete in Canyon gas zone in the following manner if Morrow treatment is unsuccessful.  
Morrow P&A procedures reported separately on Form C-103.

1. Spot 15% HCL-LSTNE acid across Canyon interval.
2. RIH w/tbg & perforate Canyon w/1 JSPF 9616-9624' & 9628-9644' = 26 holes, POH w/tbg.
3. Set pkr @ approx 9550'. Acidize perfs 9616-9644' w/3000 gal 15% HCL-LSTNE acid w/ clay stabilizer. Swab test. Frac treat if necessary & return to production.

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 James W. Schmidt Title Dist. Drlg. Supt. Date 3/02/82

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE MAR - 9 1982

CONDITIONS OF APPROVAL, IF ANY:

Submit C-102