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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		8. Farm or Lease Name Barnes & Golden	
2. Name of Operator Atlantic Richfield Company		9. Well No. 1	
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Mississippian	
4. Location of Well UNIT LETTER N LOCATED 330 FEET FROM THE South LINE AND 2310 FEET FROM THE West LINE OF SEC. 11 TWP. 13S RGE. 38E NMPM		12. County Lea	
19. Proposed Depth 9349-9582'		19A. Formation Wolfcamp	
20. Rotary or C.T. W.O. Rig		21. Elevations (Show whether DT, RT, etc.) 3800' GR	
21A. Kind & Status Plug. Bond GCA #8		21B. Drilling Contractor Not selected	
22. Approx. Date Work will start 7/26/76			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
No change in casing					

Present perforations are 10,983-11,014'.

Propose to plug back & test the Wolfcamp zone in the following manner: (note: P&A procedures for Mississippian zone reported separately on Form C-103.

1. Block squeeze Wolfcamp interval w/perforations @ 9250' & 9650', 4 holes ea. Set CI retr above perforation @ 9250' & cmt squeeze. Set CI retr above perforation @ 9650' & cmt squeeze. WOC. GIH & drill cmt & CO hole to 9800'. Test squeeze job w/1000# 30 mins.
2. Perforate Wolfcamp w/1 JS ea @ 9349, 52, 55, 58, 9422, 25, 28, 31, 35, 72, 75, 79, 82, 9508, 10, 26, 29, 32, 35, 57, 60, 65, 68, 72, 75, 78, 82' w/27 - 1/2" holes.
3. GIH w/tbg, RBP & pkr, set RBP @ 9620' & pkr @ 9275'.
4. Acidize new Wolfcamp perfs 9349-9582' w/3500 gals 15% HCL-NE acid using 20 RCN ball sealers to divert.
5. Swab back load & test.
6. POH w/RBP, pkr & tbg.
7. Run completion assy & put on 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 [Signature] Title Dist. Drlg. Supv. Date 7/23/76

(This space for State Use)

Orig. Signed By

Jerry Sexton

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE JUL 26 1976

CONDITIONS OF APPROVAL: IF ANY:

RECEIVED

JUL 23 1976

U.S. CONSERVATION COMM.
HOBBY, H. M.