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NEW MEXICO OIL CONSERVATION COMMISSION

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-1511	

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"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name	
2. Name of Operator		9. Well No.	
Atlantic Richfield Company		4	
3. Address of Operator		10. Field and Pool, or Wildcat	
Box 1710, Hobbs, New Mexico 88240		Eumont Yates 7Rivers	
4. Location of Well		12. County	
UNIT LETTER G LOCATED 1650 FEET FROM THE North LINE		Lea	
AND 2310 FEET FROM THE East LINE OF SEC. 19 TWP. 21S RGE. 36E NMPM			
13. Proposed Depth		19A. Formation	20. Rotary or C.T.
3749'		Eumont Gas	Workover Rig
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3645' GR	GCA #8	Not selected	5/9/77

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
19-5/8"	15-1/2" OD	70# LW	264'	325	
11-1/2"	9-5/8" OD	36# SS	2980'	500	
8-3/4"	7" OD	24# SS	3879'	300	

Propose to recomplate this well from Eumont Oil to the Eumont Gas zone in the following manner:

1. Rig up, install BOP.
2. Perf Eumont Gas zone w/1 JS @ 3086, 3112, 43, 73, 79, 3201, 16, 22, 3235, 41, 55, 65, 83, 89, 3303, 09, 58, 62, 3510, 18, 44, 54, 3572, 76, 3670, 75, 3716, 23, 33, 39, 49 (31 holes).
3. Set trtg pkr @ 3000'.
4. Acidize perfs 3086-3749' w/3000 gals 15% regular acid.
5. Frac w/20,000 gals gelled 9# BW, 10,000 gals CO₂, 40,500# sd.
6. Flow back load, swab & CO. POH w/pkr & tbq.
7. Run completion assy & test for 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. Supt. Date 5/9/77

(This space for State Use)

APPROVED BY [Signature] TITLE State Engineer DATE May 12 1977

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

MAY 13 1977

OF CONSERVATION COMM.
HUBBS, R. M.