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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 State "F" DE	
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 Eumont Gas	
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>2310</u> FEET FROM THE <u>North</u> LINE AND <u>330</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>19</u> TWP. <u>21S</u> RGE. <u>36E</u> NMPM		12. County Lea	
19. Proposed Depth 3738'		19A. Formation Eumont Gas	
20. Rotary or C.T. W.O. Rig			
21. Elevations (Show whether DF, RT, etc.) 3635' DF	21A. Kind & Status Plug. Bond GCA #8	21B. Drilling Contractor Not selected	22. Approx. Date Work will start 8/25/76

23.

PROPOSED CASING AND CEMENT PROGRAM

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

Propose to recomplate this well from the Eumont Oil zone to the Eumont Queen Gas and produce well #1 & 3 as a non-standard 185 acre unit as submitted per OCC Case No. 5747 in the following manner:

1. Load hole w/2% KCL wtr, spot 20% acetic acid across zone to be perf'd. POH w/stinger & tbg. Run CBL.
2. Perf Eumont Gas zone w/1 JS ea @ 3677, 79, 87, 95, 3709, 19, 21, 23, 33, 36, 38 (11 holes).
3. RIH w/pkr on 2-7/8" tbg, set pkr @ 3575'.
4. Acidize perfs 3677-3738' w/12,000 gals slick 9# brine cont'g 1000 SCF CO₂/bbl. cont'g 8000# 100 mesh sd & 11,500# 20/40 sd.
5. CO sd to PBD. Swab & test. POH w/pkr & tbg.
6. RIH w/completion assy & put on production.

Note: P&A of the Eumont Yates 7Rivers Queen perfs 3872-76' reported separately on Form C-103.

Expires 10/1/76

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 8/24/76

(This space for State Use)

APPROVED BY [Signature] TITLE [Signature] DATE 8/24/76

CONDITIONS OF APPROVAL, IF ANY: