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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

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| 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 OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" 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 E LOCATED 2310 FEET FROM THE North LINE AND 330 FEET FROM THE West LINE OF SEC. 19 TWP. 21S RGE. 36E NMPM | 12. County Lea |
| 19. Proposed Depth 3738' | 19A. Formation Yates 7R Qn |
| 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 10/7/76 |

23. PROPOSED CASING AND CEMENT PROGRAM

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

This application for recompletion to the Eumont Yates 7Rivers Qn Gas resubmitted to change depth of perforations. Propose to recomplete this well to the Eumont Gas zone 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 & tbgr. Run CBL.
2. Perforate Eumont Gas zone w/1 JS ea @ 3380, 83, 87, 3400, 10, 22, 29, 40, 70, 76, 86, 92, 96, 3538, 3544'.
3. RIH w/trtg pkr, set pkr @ 3275'.
4. Acidize perms 3380-3544' w/750 gals 15% HCL cont'g iron sequestrant & clay stabilizer. Swab test.
5. Frac perms 3380-3544' w/12,000 gals slick 9# brine cont'g 1000 SCF CO2/bbl cont'g 8000# 100 mesh sd & 11,500# 20/40 sd. Swab test, CO sd.
6. 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 10/5/76

(This space for State Use)
John Ruaya
Geologist
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OCT 7 1976

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1976

OIL CONSERVATION COMM.
1976 N. M.