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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-1506 |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | |
|---|--|--|
| 1a. Type of Work b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 7. Unit Agreement Name |
| 2. Name of Operator Atlantic Richfield Company | | 8. Farm or Lease Name State 157 "D" |
| 3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240 | | 9. Well No. 4 |
| 4. Location of Well UNIT LETTER I LOCATED 2310 FEET FROM THE South LINE AND 990 FEET FROM THE East LINE OF SEC. 12 TWP. 22S RGE. 36E NMPM | | 10. Field and Pool, or Wildcat Arrowhead Grayburg |
| | | 12. County Lea |
| | | 19. Proposed Depth 19A. Formation Eumont Queen Gas |
| 21. Elevations (Show whether DF, RT, etc.) 3456' GR | | 20. Rotary or C.T. 21B. XXXX Contractor workover - not selected |
| 21A. Kind & Status Plug. Bond | | 22. Approx. Date Work will start 11/13/75 |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| | | | | | |
| | | | | | |

Propose to recompleate this well in the Eumont Queen gas zone. Upon successful recompleation to the Eumont Gas zone, this well to be produced in accordance w/Amendment of Administrative Order NSP-526. Recompleation plans are as follows:

1. Perforate Eumont Queen w/l JS ea @ 3262, 67, 88, 94, 98, 3312, 20, 30, 36, 3425, 35, 45, 55, 65, 75, 85, 95' w/17 - 1/2" holes.
2. Acidize perfs 3262-3495' w/4000 gals 15% HCL-LSTNE acid.
3. Frac perfs 3262-3495' w/20,000 gals gelled KCL water & 40,000# sand in 2 stages.
4. Swab test. POH w/tbg & pkr.
5. GIH w/production assembly & test.

Note: Notice in Intention to plug the Arrowhead Grayburg open hole section reported separately on Form C-103.

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 11/13/75

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NOV 17 1975