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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"/> 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 Wm. H. Harrison "D" WN		
2. Name of Operator Atlantic Richfield Company			9. Well No. 6		
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240			10. Field and Pool, or Wildcat Jalmat Gas		
4. Location of Well UNIT LETTER <u>N</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>29</u> TWP. <u>24S</u> RGE. <u>37E</u> NMPM			12. County Lea		
19. Proposed Depth PBD 3350'			19A. Formation Jalmat Yates Gas		20. Rotary or C.T. W.O. Rig
21. Elevations (Show whether DF, RT, etc.) 3261' GR		21A. Kind & Status Plug. Bond GCA #8	21B. Drilling Contractor Not selected		22. Approx. Date Work will start 2/14/77

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
10-1/4"	7-5/8" OD	26.40#	400.17'	160 sx	Circ to surf
6-3/4"	4-1/2" OD	9.5#	3656'	50 sx	

Propose to recompleete to the Jalmat Yates Gas zone in the following manner:

1. Perforate Jalmat w/l JSPF @ 2951, 58, 66, 71, 76, 93, 96, 3000, 08, 11, 19, 24, 32, 40, 51, 60, 63, 66, 71, 77, 3100, 04, 08, 16, 20, 32, 37, 42, 76, 81, 86, 94, 99, 3236, 47, 59'.
2. RIH w/trtg pkr, set @ 2800' & acidize perfs w/1000 gals 15% HCL-LSTNE acid w/1 gal/1000 inhibitor, 3 gal/1000 surfactant, 10 gal/1000 iron sequestrant.
3. Flow well to clean up, POH w/trtg pkr, run completion assy & test for production.

Intent to P&A Langlie Mattix 7RQ zone 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. Supt. Date 2/11/77

(This space for State Use)

APPROVED BY [Signature] TITLE Dist. Drlg. Supt. DATE 2/11/77

CONDITIONS OF APPROVAL, IF ANY:

FEB 14 1977

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FEB 1 1977

U.S. DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION