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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-4-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FCC <input type="checkbox"/>
5. State Oil & Gas Lease No. A-2614
7. Unit Agreement Name
8. Farm or Lease Name McDonald St. A/C 2
9. Well No. 33
10. Field and Pool, or Wildcat Drinkard
12. County Lea

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			
a. Type of Work DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>			
b. Type of Well 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"/>			
c. Name of Operator Marathon Oil Company			
d. Address of Operator P.O. Box 2409 Hobbs, New Mexico 88240			
e. Location of Well UNIT LETTER I LOCATED 330 FEET FROM THE East LINE 2160 FEET FROM THE South LINE OF SEC. 13 TWP. 22S RGE. 36E NMPM			
19. Proposed Depth		19A. Formation Blinebry	
20. Rotary or C.T.		21. Elevations (Show whether DF, RT, etc.) 3446' GL 3457' KB	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
22. Approx. Date Work will start 9-16-82			

23. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	9 5/8"	32.0	1300'	800 sx	
8 3/4	7"	23.0	4724'	500 sx	
6 1/4	4 1/2"	10.5	6750'	450 sx	

This well was originally completed in the Drinkard zone from 6607' - 6617' but tested 100% water. The perforations were squeezed with cement and the well temporarily abandoned. Original TD is 6750', PBTD is 6704'.

Marathon proposes to recomplate this well in the Blinebry through perforations at 5484' - 5629'. Both an acid and frac job are also planned. If the well tests favorable a pumping unit will have to be installed.

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 Production Engineer Date 9-13-82

(This space for State Use)

APPROVED BY [Signature] TITLE OIL & GAS INSPECTOR DATE SEP 15 1982

CONDITIONS OF APPROVAL, IF ANY: