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NEW MEXICO OIL CONSERVATION COMMISSION

30-005-62661
Form C-101
Revised 1-1-65

REVISED

MAY 10 '88

O. C. D.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well 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"/>		2. Name of Operator Meridian Oil Inc.		3. Address of Operator 21 Desta Drive, Midland, Texas 79705		4. Location of Well UNIT LETTER <u>H</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>34</u> TWP. <u>13S</u> RGE. <u>28E</u> NMPM		5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>		5. State Oil & Gas Lease No.	
7. Unit Agreement Name		8. Farm or Lease Name C. F. Waller		9. Well No. 1		10. Field and Pool, or Wildcat Wildcat (Atoka)		12. County Chaves			
19. Proposed Depth 9000'		19A. Formation Atoka		20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3597' GR		21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
22. Approx. Date Work will start 5-20-88											

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	300'	400 sx.	Circulate
12 1/4"	8 5/8"	24#	1800'	750 sx.	Circulate
7 7/8"	4 1/2"	11.6#	9000'	300 sx.	TOC @ +7000'

Drill 17 1/2" hole to 300'. Set 13 3/8" csg @ 300'. Cmt w/400 sx. Drill 12 1/4" hole to 1800'. Set 8 5/8" csg @ 1800'. Cmt w/750 sx. Drill 7 7/8" hole to TD to test the Atoka and intermediate horizons. If commercial, run 4 1/2" csg to TD. Cmt w/sufficient volume to bring cement above prospective zones. Est TOC @ +7000'. Perforate and stimulate.

MUD PROGRAM: 0-300' spud mud; 300-1800' brine; 1800-8000' fresh wtr; 8000-TD cut brine, gel, Drispac. MW9-9.2, VIS 32-36, 6 cc. BHP @ TD anticipated to be 4400 psi.

BOP PROGRAM: BOP to be installed & tested after setting 8 5/8" csg and at 8000'. BOP to be tested by independent tester.

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 Cathy Hobes Title Operations Tech III Date 5/6/88

(This space for State Use)

Original Signed By
Mike Williams

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY: Oil & Gas Inspector

DATE MAY 10 1988

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

RECEIVED

MAY 9 1988

OCD
HOBBS OFFICE