

~~REVISED~~

NEW MEXICO OIL CONSERVATION COMMISSION

30-005-62607
Form C-101
Revised 1-1-65

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OPERATOR	<input checked="" type="checkbox"/>

APR 08 '88

O. C. D.

ARTESIA, OFFICE

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"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Meridian Oil Inc.		8. Farm or Lease Name C. F. Waller
3. Address of Operator 21 Desta Drive, Midland, Texas 79705		9. Well No. 1
4. Location of Well UNIT LETTER <u>I</u> LOCATED <u>1980</u> FEET FROM THE <u>South</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		10. Field and Pool, or Wildcat <input checked="" type="checkbox"/> 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.) 3595' GR	21A. Kind & Status Plug. Bond OK	22. Approx. Date Work will start 4-21-88

23. 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.

POST 10-1
NL & API
4-15-88

APPROVAL TO 180 DAYS
10/11/88
UNDERWAY

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 4/7/88

(This space for State Use)

Original Signed By
Mike Williams

APPROVED BY _____ TITLE _____ DATE APR 11 1988
Oil & Gas Inspector

CONDITIONS OF APPROVAL, IF ANY: