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# NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101  
Revised 1-1-85

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 OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>				8. Farm or Lease Name	
2. Name of Operator				9. Well No.	
3. Address of Operator				10. Field and Pool of Well	
4. Location of Well				11. County	
UNIT LETTER <u>N</u> LOCATED <u>1980</u> FEET FROM THE <u>West</u> LINE				12. County	
AND <u>660</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>8</u> TWP. <u>20-S</u> RGE. <u>36-E</u> NMPM				13. State	
19. Proposed Depth				19A. Formation	
11,600				Morrow	
20. Rotary or C.T.				Rotary	
21. Elevations (Show whether DF, RT, etc.)		21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
3622.2' GL		Blanket in force		Delta Drilling Co.	
22. Approx. Date Work will start				5-30-80	

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	12 3/4"	35#	350'	350	Circ to Surface
11"	8 5/8"	24#, 28#, & 32#	5,500'	2800	Circ to Surface
7 7/8"	5 1/2"	17#	11,050'	500	8,050'

1. Operator proposes to drill to the Morrow fm, expected about 11,348'.

2. Procedure:

- Drill 17 1/2" hole to 350' using gel-lime mud.
- Set 12 3/4", 35# surface csg & cmt to surf. w/ 350 sx.
- Install 2-5000# BOPs & pressure test BOPs & surf csg.
- Drill 11" hole to approx. 5500' using SW base mud & run electric logs.
- Set 8 5/8" csg & cmt to surf. w/ 2800 sx.
- Install 3-5000# BOPs & press test BOPs & csg.
- Drill 7 7/8" hole to approx 11,050', using SW base mud of 9#-12#/gal and sufficient properties for hole conditions for logging, DST's & csg setting.
- DST any significant shows of oil or gas and run electric logs.
- Set & cmt 5 1/2" csg w/ 500 sx.
- Drill 4 3/4" hole to TD & run electric logs.
- If production is indicated, set & cmt 550' of 3" liner to TD.
- Perforate productive zone & acidize or frac as needed.
- Gas is not dedicated.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 9-25-80

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 Burton Title Drilling Foreman

(This space for State Use)

APPROVED BY James L. ... TITLE SUPERVISOR DISTRICT 3

CONDITIONS OF APPROVAL, IF ANY:

DATE

JUN 25 1980