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NEW MEXICO OIL AND GAS COMMISSION

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JAN 18 1978

O. C. C.
ARTESIA OFFICE

30-015-22404

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE ☐	FEE ☒
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
		South Culebra Bluff Unit	
b. Type of Well		8. Farm or Lease Name	
DRILL ☒ DEEPEN ☐ PLUG BACK ☐		South Culebra Bluff Unit	
OIL WELL ☐ GAS WELL ☒ OTHER ☐		9. Well No.	
2. Name of Operator		1-y	
Delta Drilling Company		10. Field and Pool, or Wildcat	
3. Address of Operator		Wildcat - Morrow	
P.O. Box 866, Odessa, TX 79760			
4. Location of Well		12. County	
UNIT LETTER <u>H F</u> LOCATED <u>1930</u> FEET FROM THE <u>North</u> LINE		Eddy	
AND <u>2303</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>23</u> TWP. <u>23 S</u> RGE. <u>28 E</u> NMPM			
		19. Proposed Depth	
		11800	
		19A. Formation	
		Morrow	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether DF, RT, etc.)		21B. Drilling Contractor	
3030.4' G.L.		Delta Drilling Company	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
Blanket-on File		1-14-78	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
18-1/2	16"	65#	400'	150	Surf.
12-1/4	9-5/8"	36#	3000'	1100	Surf.
8-1/2	7"	23-26-29#	11000'	975	Surf.
6-1/8	5"	18#	11800'	125	9145

Mud Program - Drill with 9.5 to 10 pounds brine from surface to 11000 feet. From 11000 to TD with 12 pounds mud.

Obtained Verbal approval from Artesia Office.

Plan to deviate from Vertical at 6400' as a relief well for South Culebra Bluff Unit #1.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 4-19-78

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 Mike Hardin Mike Hardin Title Production Engr. Date 1-17-78

(This space for State Use)

APPROVED BY W.A. Gussert TITLE SUPERVISOR, DISTRICT II DATE JAN 19 1978

CONDITIONS OF APPROVAL, IF ANY:

Subject to final Bond approval

Cement must be air-lifted to surface behind 16" x 958" casing