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NEW MEXICO OIL CONSERVATION COMMISSION

JAN 30 1981

O. C. D.  
ARTESIA, OFFICE

30-015-23647

Form O-101  
Revised 1-1-75

5A. Indicate Type of Lease  
STATE ☐ FEDERAL ☒

5. BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name <b>Ballard Grayburg San Andres Unit</b>	
8. Firm or Lease Name <b>Tract 24</b>		9. Well No. <b>5</b>	
10. Field and Locality <b>Loco Hills Queen Grayburg San Andres</b>		11. Field and Locality <b>Loco Hills Queen Grayburg San Andres</b>	
12. County <b>Eddy</b>		13. Proposed Depth <b>2800'</b>	
14. Formation <b>Grayburg</b>		15. Rotary or C.T. <b>Rotary</b>	
16. Cement Plug Bond <b>Blanket</b>		17. Drilling Contractor <b>Warton Rig #8</b>	
18. Approximate Date Work will start <b>Feb. 10, 1981</b>		19. Proposed Depth <b>2800'</b>	
20. Cement Plug Bond <b>Blanket</b>		21. Drilling Contractor <b>Warton Rig #8</b>	
22. Approximate Date Work will start <b>Feb. 10, 1981</b>		23. Proposed Depth <b>2800'</b>	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24.0#	350'	200	Circulated
7-7/8"	4-1/2"	10.5#	2800'	300	900'

1. Rig up rotary tools.
2. Drill to approximately 350'; set & circulate or ready-mix cement to surface on 8-5/8" casing. Install & test Series 900 Double Ram Hydraulic Blowout Preventor.
3. Drill to T D (approximately 2800'); run Open Hole logs.
4. Set & cement casing at T D.
5. Perforate, acidize and fracture treat Grayburg zone.
6. Run 2-3/8" tubing, rods & bottom-hole pump; install pumping equipment and place well on production.

APPROVAL FOR 180 DAYS  
PERSON EMPLOYED 8-5-81  
UNLESS DRILLING UNDERWAY

Posted ID-1  
API + NL Bank  
2-6-81

Note: Archaeological clearance of this proposed location has been obtained.

Copy of "Surface Use & Operation Plan" was mailed to BLM in Carlsbad, N.M.

IN ABOVE STATE 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 Area Supervisor Date January 28, 1981

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 11 DATE FEB 05 1981

CONDITIONS OF APPROVAL, IF ANY: