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NEW MEXICO OIL CONSERVATION COMMISSION

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Form C-101
Revised 1-1-65

AUG 26 1982

O. C. D.

ARTESIA OFFICE

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 type="checkbox"/> OTHER <input checked="" type="checkbox"/> - Water Injection SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		Ballard Grayburg San Andres Unit	
2. Name of Operator		8. Farm or Lease Name	
Anadarko Production Company		Tract No. 23	
3. Address of Operator		9. Well No.	
P. O. Drawer 130, Artesia, New Mexico 88210		4	
4. Location of Well UNIT LETTER <u>N</u> LOCATED <u>330</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>5</u> TWP. <u>18S</u> RGE. <u>29E</u> NADOM		10. Field and Pool, or Wildcat Loco Hills-Queen-Grayburg-San Andres	
11. Elevation (Show whether D.P., R.T., etc.)		12. County	
3550.0 GL		Eddy	
11A. Kind & Status Plug, Bond		19. Formation	
Blanket		Grayburg	
11B. Drilling Contractor		20. Rotary or C.T.	
Warton Drlg. Co. Rig 8		Rotary	
22. Approx. Date Work will start			
9-20-82			

23.

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'	250	Circulated
7-7/8"	4-1/2"	10.5#	2750'	500	Circulated

1. Rig up rotary tools.
2. Drill 12 1/4" hole to approx. 350'; set & circulate or readymix cement to surface on 8-5/8" casing. Install & test Series 900 Double Ram Hydraulic BOP.
3. Drill 7-7/8" hole to approx. 2430'; plan to core well from approx. 2430' to approx 2676'. Will continue drilling with 7-7/8" bit to TD (approx. 2750') and run Open Hole Logs.
4. Set & circulate cement on 4 1/2" casing from T D to surface.
5. Perforate and acidize Grayburg Zone.
6. Equip braidenhead and casing head with pipe & valves brought to the surface (valves open as an "attention getting device") of possible tubing, casing or packer leaks.
7. Run 2-3/8" SALTA (internally plastic lined) tubing with 4 1/2" injection packer.
8. Set packer approx. 50' above top perforations; pressure test casing to NMOCD specifications; unset packer, circulate packer fluid & reset packer.
9. Hook up well head for water injection.
10. Commence water injection in accordance with NMOCD Order #R7000, Case #7572 dated June 11, 1982.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 3-1-83

UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE REASON FOR DEEPENING OR PLUGGING. GIVE SLOWOUT 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 August 26, 1982

(This space for State Use)

APPROVED BY [Signature] TITLE OIL AND GAS INSPECTOR DATE AUG 31 1982

CONDITIONS OF APPROVAL, IF ANY: