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NEW MEXICO OIL CONSERVATION COMMISSION

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O. C. C.
ARTESIA, OFFICE

30-015-22780

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	STATE ☐	FED ☒
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 DRILL ☒ DEEPEN ☐ PLUG BACK ☐ OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		8. Farm or Lease Name Brantley "B" Gas Com	
2. Name of Operator Amoco Production Company ✓		9. Well No. 1	
3. Address of Operator P.O. Drawer "A", Levelland, Texas 79336		10. Field and Pool, or District Und. Brantley Morrow	
4. Location of Well UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 24 TWP. 23-S RGE. 28-E NEDEP.		11. County Eddy	
18. Proposed Depth 13,300'		19A. Formation Morrow	
21. Elevation (Show whether DE, RL, etc.) 2967.8 GR		20. Rotary or C.C. Rotary	
21A. Kind & Status Plug. Bond Blanket on File		22. Approx. Date Work will start 1-15-79	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16"	65#	400'	Circulate to	surface
14 3/4"	10 3/4"	40.5#	2700'	Circulate to	surface
9 1/2"	7 5/8"	33.7#	11,250'	Tie back to	10 3/4"
6 1/2"	5" (liner)	17.93#	11,050'-13,300'	Tie back to	7 5/8"

Propose to drill and equip Morrow well at 13,300'. After reach TD, logs will be ran and evaluated. Perforate and/or stimulate as necessary in attaining commercial production.

Mud Program: 0-400' Native mud and fresh water
400-2700' Native mud and brine water
2700'-11,350' Add fresh water to brine and commercial mud to maintain safe hole conditions.
11,250'-13,300' Add KCL for 6% system. Use brine water for make-up water. Raise viscosity and reduce water loss to 6.0 cc/gal for Morrow penetration.

APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED,

BOP program is attached
Gas in not dedicated

EXPIRES 4-11-79

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 Amis Evans Title Assist. Admin. Analyst Date 11-30-78

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE JAN 11 1979

CONDITIONS OF APPROVAL, IF ANY:

CO-4-IMOC-D-A 1-DE
1-Houston
1-SUSP