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30-015-22780

NEW MEXICO OIL CONSERVATION COMMISSION

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APR 24 1979

O. C. C.
ARTESIA, OFFICE

Form C-101
Revised 1-1-65

original Permit Extended

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

b. Type of Well: DRILL ☒ DEEPEN ☐ PLUG BACK ☐

OIL WELL ☐ GAS WELL ☒ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

7. Unit Agreement Name

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 Wildcat: Und. 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 NMPM

12. County: Eddy

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
13,300'	Morrow	Rotary

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
2967.8 GR	Blanket on File	ND	

23.

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 for Morrow penetration.

BOP program attached
Gas is not dedicated

APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES 7-25-79

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 Randy Atkins Title Administrative Analyst Date April 23, 1979

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE APR 25 1979

CONDITIONS OF APPROVAL, IF ANY:

0+4-NMOCD-A 1-DE
1-Houston
1-Susp