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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	
b. Type of Well DRILL ☐ DEEPEN ☐ PLUG BACK ☐ OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		8. Farm or Lease Name Brantley 3rd Com	
2. Name of Operator AMOCO PRODUCTION COMPANY ✓		9. Well No. 1	
3. Address of Operator P.O. BOX 68 HOBBS, NEW MEXICO 88240		10. Field and Pool, or Wildcat Und. Eddy Delaware	
4. Location of Well UNIT LETTER <u>J</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>24</u> TWP. <u>23-S</u> RGE. <u>28-E</u> NMPM		12. County Eddy	
19. Proposed Depth 6265'		19A. Formation Delaware	
21. Elevations (Show whether DT, RT, etc.) 2967.8'		21A. Kind & Status Plug, Bond Blanket-on-file	
21B. Drilling Contractor N/A		22. Approx. Date Work will start ASAP	

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#	390'	500	Surface
14 3/4"	10 3/4"	40.5#	2692'	2250	Surface
9 1/2"	7 7/8"	.	10065'	2000	3350 Temp Sur.

Propose to recomplete from Bone Springs to Delaware and frac as follows:
POH with prod equipment. RIH and set CIBP at 6300'. Cap with 35' class
c'ment. RIH with 4" gun and perf 6074-6144 w/4 JSF. RIH with 7 7/8"
treating ppr and 2 7/8" N-80 tbg. Spot 150 gals of 7 1/2% NEFE HCl across
perfs. Set ppr at 5900' and pump 350 gals of 7 1/2% NEFE HCl, flush
to bottom perf. Frac Delaware w/ 10,000 gals of 30# HPG X-linked
gelled 2% HCl fresh and 25,500 lbs of sand. Swab and flow test well.

O+5 NMOC, A 1-JRB 1-FIN 1-CMH

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRO-
DUCIVE 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 Gary C. Clark Title Admin Analyst Date 11-14-85

(This space for State Use)

Original Signed By

Les A. [unclear]

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY: Supervisor District II

DATE NOV 26 1985

POH with pkr and tbg. RIH with $2\frac{7}{8}$ " tbg land at 6180' and
set anchor at 5900'. Return well to production.