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SANTA FE, NEW MEXICO 87501  
FEB 18 1986  
O. G. D.  
ARTESIA, NEW MEXICO

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil &amp; Gas Lease No.

NM V-249

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name	
2. Name of Operator Hamon Operating Company (Ph: 915/682-5218)		8. Farm or Lease Name State V-249	
3. Address of Operator 611 Petroleum Building, Midland, Texas 79701		9. Well No. 1	
4. Location of Well UNIT LETTER M LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE OF SEC. 36 TWP. 23-S RGE. 26-E NMPM		10. Field and Pool, or Wildcat Undesig. Bone Spring	
12. County Eddy			
19. Proposed Depth 6700'		15A. Formation Bone Spring	20. Rotary or C.T. P.U.
21. Elevations (show whether DF, RT, etc.) 3245.3 GR, 3259 K.B.	21A. Kind & Status Plug. Bond Blanket in Force	21B. Drilling Contractor Mack Chase	22. Approx. Date Work will start Feb. 17, 1986

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	453'	550	Surface
12-1/4"	9-5/8"	36# & 40#	5479'	3350	Surface
8-3/4"	7"	23, 26 & 29#	10,475'	1250	4510
6"	4-1/2" liner	14.98#	10,160-12,019	260	10,159

1. Set cement retainer at 10,150' and squeeze with 85 sx cement. Squeeze 7 sx into formation and leave all of liner filled with cement. (This will cover Atoka, Strawn and liner top.)
2. Set 70 sx cement plug at 8660'-8256'. (This will cover Wolfcamp and 3rd Bone Spring.)
3. Set CIBP at 6800' with 10' cement above.
4. Perforate 1st Bone Spring at 6570±'.
5. Acidize and/or frac as needed.

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 B.W. Cozart Title District Operations Supt. Date 2-11-86

(This space for State Use)

Original Signed By  
Les A. Clements  
Supervisor District II

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

FEB 20 1986

\* 35' OF CMT ON BP.