

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

C.L. CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101  
Revised 10-1-78

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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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 DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name McQuatters	
2. Name of Operator Amoco Production Company		9. Well No. 3	
3. Address of Operator P. O. Box 68, Hobbs, NM 88240		10. Field and Pool, or Wildcat Hardy Blinebry	
4. Location of Well UNIT LETTER B LOCATED 700 FEET FROM THE North LINE AND 2230 FEET FROM THE East LINE OF SEC. 11 TWP. 21-S RGE 36-E NMPM		12. County Lea	
19. Proposed Depth		19A. Formation Blinebry	20. Rotary or C.T. Rotary
21. Elevations (show whether DT, KI, etc.) 3538' GR	21A. Kind & Status Plug. Bond Blanket-on-file	21B. Drilling Contractor	22. Approx. Date Work will start

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#	1264'	700sxCLC 35sxLt.	150sxInc. Surface
11"	8-5/8"	24#	4742'	2800sxlt. 400sxThxset.	100sxCL Surf.
7-7/8"	5-1/2"	14#	4,542'-6898'	750sx CLC	4542'

Propose to recompleate to the Blinebry and test for possible downhole commingling with the Drinkar per the following:

Move in service unit. Pull rods and pump and 2-7/8" tubing. RIH with 2-7/8" tubing with retrievable bridge plug on bottom. Set RBP at 6400'. Dump 10' sand on RBP. POH and run a Gamma Ray-Collar log from 6400'-4400'. Perforate the Blinebry intervals 5720'-23', 5727'-32', 5754'-60', 5772'-76', 5781'-85', 5792'-94', 5810'-14', 5932'-35', 5996'-6000', 6017'-21', 6081'-87', 6223'-25', and 6317'-6323' with a 3-3/8" hollow carrier casing gun utilizing 120° phasing and 4 SPF. Run a base gamma ray/Temp. survey from 6390'-5500'. RIH with 2-7/8" tubing and treating packer with unloader and 1 jt. tailpipe with retrieving head. Set tailpipe at 6340'. Spot 16 bbl of 15% NEFE HCL across perfs. Raise tubing and set packer at 5550'. Acidize with 4650 gals of 15% NEFE HCL containing additives. Pump at 4-6 BPM using 318 ball sealers. Flush acid to perfs with 35 bbl of 2% KCL fresh water. Run after treatment survey. Swab test well and evaluate production for need of possible fracture stimulations.

O+5-NMOCD, H 1-HOU, R. E. Ogden, Rm 21.150 1-F. J. Nash, HOU Rm 4.206 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 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 Charles M. Herring Title Administrative Analyst Date 10-14-83

(This space for State Use)  
ORIGINAL FILED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

OCT 18 1983

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

CONDITIONS OF APPROVAL, IF ANY: