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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-4-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
L-5166	

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

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Firm or Lease Name State IG 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 Wildcat Morrow	
4. Location of Well UNIT LETTER B LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE OF SEC. 32 TWP. 23-S RGE. 32-E NMPM		12. Country Lea	
11. Elevations (Show whether U.I., R.I., etc.) 3664' GL		19. Proposed Depth 14873'	19A. Formation Morrow
21A. Kind & Status Plug. Bond Blanket-on-file	21B. Drilling Contractor	20. Rotary or C.C. Rotary	
22. Approx. Date Work will start			

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16"	65#	705'	750 C1 C	Surface
14-3/4"	10-3/4"	51#	4740'	2960 Dowell, 2000 C1 C	705'
9-1/2"	7-5/8"	39#, 33.7#	12060'	1350 Lite, 2000 C1 C	4250'
6-1/2"	4-1/2"		15920'	500 C1 C	11604'

Propose to recomplete from Delaware to the Morrow formation as follows:

Pull rods, pump, and tubing. Set a cement retainer at apx. 4810'. Squeeze perfs 4868'-82' with 150 sacks class C cement containing .3% Halad 4. Reverse out excess cement. Drill out cement and retainer. Test squeeze. Drill out cement plugs at 5609'-98', 8730'-8819', 11774'-907, and 14722'-873'. Circ. hole with 2% KCL, 10# brine water. Set a cast iron bridge plug at apx. 14965' and pressure test. Run 2-3/8" tubing with Vann guns on bottom, on/off tool and packer to apx. 11500'. Set packer at apx. 11500' and swab tubing to 9500' from surface. Perforate 14913'-30' with 4 DPJSPF. If well will not flow, swab well. If flow cannot be established, acidize with 60 bbl 7-1/1% MS acid containing 1000 SCF/bbl N2. Flow back load and swab as necessary. If flow cannot be established from the Morrow, a supplemental brief will follow for flow testing and build up test. (After testing is complete a supplemental brief will not follow to test Atoka formation).

O+5-NMOCD, H 1-HOU, R.E.Ogden, Rm 21.150 1-F.J.Nash, HOU, Rm. 4.206 1-CLF 1-Gulf 1-Getty 1-Sunmark

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 Cathy L. Gorman Title Assist. Admin. Analyst Date 7-18-83  
(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY EDDIE SEAY TITLE OIL & GAS INSPECTOR DATE JUL 20 1983  
CONDITIONS OF APPROVAL, IF ANY: