

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101  
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
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 LISTER
2. Name of Operator Mesa Operating Limited Partnership		9. Well No. # 2
3. Address of Operator P.O. Box 2009, Amarillo, Texas 79189		10. Field and Pool, or Wildcat N. Shueber Wolfcamp
4. Location of Well UNIT LETTER B LOCATED 660 FEET FROM THE North LINE AND 1830 FEET FROM THE East LINE OF SEC. 13 TWP. 16S RGE. 35E NMPM		12. County Lea
19. Proposed Depth TD 11,563'		19A. Formation Wolfcamp
21. Elevations (Show whether DF, RT, etc.) 3966' GR		22. Approx. Date Work will start 5/10/88
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Unknown

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"	54.4#	418'	400	surf
11"	8 5/8"	24/28#	4150'	2500/200	8030'
7 7/8"	5 1/2"	17/20#	11562'	330/435	surf

Propose to plug back to the Wolfcamp formation as follows: Set CIBP @ 11,250' w/35' cement on top to isolate the Strawn perms (11,323'-11,378'). Perforate the Wolfcamp formation with 4" casing gun, 1 SPF from 10,462'-10,490' and 10,519'-10,522'. Acidize with 7000 gals 15% HCL NE-Fe acid; swab well and return to production.

xc: NMOCD-H (0+3), Prod Rclds, Reg. Land, Expl., Partners  
I, Carey Cummings, hereby certify that the information above is true and complete to the best of my knowledge and belief.  
Signed Carey Cummings Title Regulatory Analyst Date 4/28/88  
(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON  
APPROVED BY DISTRICT 1 SUPERVISOR TITLE  DATE MAY 2 - 1988  
CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway  
LOR PAPER

RECEIVED  
APR 29 1998  
OCD  
HOBBS OFFICE