

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)
30-025-29918
5. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
VB-051

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:	7. Lease Name or Unit Agreement Name		
DRILL <input type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>	Pennzoil "36" State		
b. Type of Well:	8. Well No.		
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	1		
SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	9. Pool name or Wildcat		
2. Name of Operator	Quail Ridge Wildcat		
Mallon Oil Co. as agent operator for Pennzoil E&P Co.			
3. Address of Operator			
999 18th Street, Suite 1700, Denver, CO 80202			
4. Well Location			
Unit Letter <u>I</u> : <u>1980</u> Feet From The <u>South</u> Line and <u>660</u> Feet From The <u>East</u> Line			
Section <u>36</u> Township <u>19S</u> Range <u>33E</u> NMPM <u>Lea</u> County			
10. Proposed Depth	11. Formation	12. Rotary or C.T.	
13,050 (PBDT)	Atoka	N/A	
13. Elevations (Show whether DF, RT, GR, etc.)	14. Kind & Status Plug. Bond	15. Drilling Contractor	16. Approx. Date Work will start
3598.3' GR	Statewide, Active	N/A	10/25/93

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17.5"	13.375"	48	1,391'	1525	surf.
11"	8.625"	24&32	4,925'	3375'	surf.
7.875"	5.500"	20&17	13,690'	3123	surf.

The subject well is presently producing from the Morrow Sand (13,145-13,333'). It is proposed that a permanent bridge plug be set at 13,050' and the Atoka Sand be completed, 12,429-12,435 and 12,506-12,511'. A 5000 psi BOP will be used during the work, perforating will be done using tubing conveyed guns.

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.

SIGNATURE Joe H. Cox, Jr. TITLE V.P. Operations DATE 10/22/93

TYPE OR PRINT NAME Joe H. Cox, Jr., Mallon Oil Company TELEPHONE NO 303-293-233

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE DEC 01 1993

CONDITIONS OF APPROVAL, IF ANY: