

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

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

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)	<u>30-007-20108</u>
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	7. Lease Name or Unit Agreement Name Castle Rock 3118
b. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Coal Methane <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	8. Well No. 323 N
2. Name of Operator Pennzoil Exploration & Production Company	9. Pool name or Wildcat Wildcat
3. Address of Operator P.O. Box 2967, Houston, TX 77252	
4. Well Location Unit Letter <u>N</u> : <u>742</u> Feet From The <u>South</u> Line and <u>1752</u> Feet From The <u>West</u> Line Section <u>32</u> Township <u>31 N</u> Range <u>18 E</u> NMPM Colfax County	

10. Proposed Depth 2200	11. Formation Vermejo	12. Rotary or C.T. Rotary
13. Elevations (Show whether DF, RT, GR, etc.) 8617 GR	14. Kind & Status Plug. Bond Blanket	15. Drilling Contractor Finley
		16. Approx. Date Work will start 2/1/91

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	8 5/8	24	300	175	Surface
7 7/8	5 1/2	17	2200	450	Surface

1. Drill 12 1/4" hole to 330' with air mist.
2. Set and cement 8 5/8" casing.
3. Drill 7 7/8" hole to 2200' with air mist
4. LOG
5. Set and cement 5 1/2" casing.

APPROVAL VALID FOR 180 DAYS
PERMIT CHARGES 7-18-91
UNLESS OTHERWISE SPECIFIED

THE OIL CONSERVATION COMMISSION TO BE NOTIFIED
WITHIN 30 DAYS OF ANY SUCH WORK BEING PERFORMED

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 L. D. Williamson TITLE Operations Superintendent DATE 1/15/91

TYPE OR PRINT NAME L. D. Williamson TELEPHONE NO. 376-2817

(This space for State Use)

APPROVED BY [Signature] TITLE DISTRICT SUPERVISOR DATE 1-18-91

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE DISTRICT SUPERVISOR DATE 1-18-91