

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)	30-025-06005
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Britt Laughlin Com NMOCD Order R-9199
8. Well No.	4
9. Pool name or Wildcat	Eumont (Y-7R-Q) Gas

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	
1a. Type of Work: DRILL <input type="checkbox"/> RE-ENTER <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	
b. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	
2. Name of Operator Doyle Hartman	
3. Address of Operator P. O. Box 10426, Midland, Texas 79702	
4. Well Location Unit Letter <u>A</u> : <u>660</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>East</u> Line Section <u>8</u> Township <u>20-S</u> Range <u>37-E</u> NMPM <u>Lea</u> County	
10. Proposed Depth 3700	
11. Formation Queen-Penrose	
12. Rotary or C.T. Rotary	
13. Elevations (Show whether DF, RT, GR, etc.) 3567 G.L.	
14. Kind & Status Plug. Bond Multi-Well Approved	
15. Drilling Contractor	
16. Approx. Date Work will start March, 1991	

17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	12-1/2"		151'	150 sx	Surface
11-3/4"	9-5/8"	36	2400'	400 sx	
8-3/4"	7"	24	3825'	150 sx	
	5-1/2" (New)	14	3700'	150 sx	Surface

This well was formerly the Graham Royalty Ltd. Laughlin No. 4 (P&A'd 4/89). We propose to reenter this well and clean out to CIBP at 3700'. Run CNL, CBL and vertilog casing inspection logs. Perforate the 7" casing and sqz. cmt. behind pipe. Run 5-1/2" casing to 3700' and cement to surface. Selectively perforate the Queen-Penrose formation and test for gas production. Well will be equipped with a 3000 psi BOP system during workover.

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 Patrick K. Worrell TITLE Engineer DATE 4-19-91
TYPE OR PRINT NAME Patrick K. Worrell TELEPHONE NO. _____

(This space for State Use)

ORIGINAL LOANED BY JERRY SEXTON
SUPERVISOR

APPROVED BY _____ TITLE _____ DATE APR 20 1991

CONDITIONS OF APPROVAL, IF ANY:

Approved for recompletion work only--well cannot
be produced from Eumont Gas until NSL is approved.