

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

State of New Mexico  
Enr , Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

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

OIL CONSERVATION DIVISION

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

API NO. (assigned by OCD on New Wells)

30-025-27898

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

OG-3826

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☐

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☒

b. Type of Well:

OIL  
WELL ☐

GAS  
WELL ☒

OTHER ☐

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

7. Lease Name or Unit Agreement Name

SE Lea Unit

2. Name of Operator

Graham Royalty, Ltd.

3. Address of Operator

5429 LBJ Freeway, Suite 550 Dallas, Texas 75240

8. Well No.

3

4. Well Location

Unit Letter G : 1650 Feet From The North Line and 2200 Feet From The East Line

Section 26

Township 20S

Range 35E

NMPM

Lea

County

10. Proposed Depth

12,900'

11. Formation

Wolfcamp

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

3665' (GR)

14. Kind & Status Plug Bond

Blanket

15. Drilling Contractor

16. Approx. Date Work will start

10-15-90

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16"	65.0	479'	475 sx Class C	Surf
14-3/4"	10-3/4"	40.5 & 45.5	4350'	3450 sx Class C	& BJ Lite 155'
9-1/2"	7-5/8"	33.7 & 39.0	11380'	2000 sx Class H	& BJ Lite 2750'
4-1/2" liner		13.5	13456'	410 sx Class H	11196'
(top @ 11196')					

1. Propose to PB Morrow zone (12,961'-13,192') by retrieving 2-3/8" tubing and Baker Lok-set packer, setting CIBP at 12,900' and capping with cmt. Morrow zone is currently uneconomic (30-40 MCFD).

2. Thereafter, recomple to Wolfcamp (11,390'-11,440') below a Baker Lok-set packer set in liner at roughly 11,350'. Wolfcamp will be produced through 2-3/8" tubing.

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 Jason C. Sizemore

TITLE Sr. Petroleum Engineer

DATE 9/28/90

TYPE OR PRINT NAME Jason C. Sizemore

TELEPHONE NO. (214) 991-334

(This space for State Use)

On Paul Kautz  
Geologist

APPROVED BY

TITLE

DATE

OCT 02 1990

CONDITIONS OF APPROVAL, IF ANY:

Approved for recompletion work only--well cannot be produced from Wolfcamp until unorthodox location has been approved.

Permit Expires 6 Months From Approval Date Unless Drilling Underway.