

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)

30-005-20808

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

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

Sanders

2. Name of Operator

Graham Royalty, Ltd.

8. Well No.

1

3. Address of Operator

5429 LBJ Fwy, Suite 550 Dallas, TX 75240

9. Pool name or Wildcat

Lightcap (Pennsylvanian)

4. Well Location

Unit Letter E : 1900 Feet From The North Line and 660 Feet From The West Line

Section 8

Township 8S

Range 30E

NMPM Chaves

County

10. Proposed Depth

7954'

11. Formation

Montoya

12. Rotary or C.T.

Rotary

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

4047' KB 4035' GR

14. Kind & Status Plug Bond

Blanket

15. Drilling Contractor

N/A

16. Approx. Date Work will start

1-22-90

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17½"	13-3/8"	48#	453'	475	Surface
12½"	8-5/8"	24#	2465'	975	N/A
7-7/8"	4½"	10.5 & 11.6#	7951'	800	6100' per CBL

Proposed procedure:

1. Plug back current completion in the Montoya at 7903-7911'. Set 4½" CIBP @ ±7850'. Dump 35' cmt plug on top of CIBP.
2. Perforate Penn Lime at 7106-7109', 7112-7126'. Acidize zone and swab test.

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

TITLE

District Engineer

DATE

1-8-90

TYPE OR PRINT NAME

Jon Hale

TELEPHONE NO. (214)991-334

(This space for State Use)

ORIGINAL FILED BY LEROY SEXTON

DISTRICT I SUPERVISOR

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JAN 11 1990