

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)

30-025-30654

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

N M 2A

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

State A Account 1

2. Name of Operator

Hal J. Rasmussen Operating, Inc.

8. Well No.

122

3. Address of Operator

Six Desta Drive, Suite 5850, Midland, Texas 79705

9. Pool name or Wildcat

Langlie Mattix SR-QN-GB

4. Well Location

Unit Letter L : 2100 Feet From The South Line and 660 Feet From The West Line

Section 13

Township 23 S

Range 36 E

NMPM

Lea

County

10. Proposed Depth

3800

11. Formation

Grayburg, Queen, 7R

12. Rotary or C.T.

Rotary

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

3390' GL

14. Kind & Status Plug. Bond

Statewide

15. Drilling Contractor

To Be Selected

16. Approx. Date Work will start

August 24, 1989

17.

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 11" | 8 5/8" | 24 | 300 | 125 | Surface |
| 7 7/8" | 5 1/2" | 15.5 | 3800 | 700 | Surface |
| | | | | | |

Drill 11" hole to 300' w/ fresh water mud. Set 8 5/8" csg. and cement to surface.

Drill 7 7/8" hole to 3000' w/ brine mud. Core 3000' to 3180' w/ brine mud.

Drill 7 7/8" hole to 3800' w/ brine mud. Log w/ Laterolog, Neutron, Density, Gamma Ray and Caliper. Run 5 1/2" casing and cement to surface.

Blowout Preventer Program: 0' - 300' - None

300' - TD ' Double ram preventer w/ choke manifold.

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 Dennis Moore TITLE Consultant

DATE 8-14-89

TYPE OR PRINT NAME Dennis Moore

TELEPHONE NO. 915-687-1664

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

AUG 18 1989

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.