

OIL CONSERVATION DIVISION
P.O. Box 208
Santa Fe, New Mexico 87504-2088

AUG 21 1990

OIL CON. DIV.

API NO. (assigned by OCD on New Wells)
30-045-28161

5. Indicate Type of Lease
STATE FEE

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
Santa Rosa 33

8. Well No.
2

9. Pool name or Wildcat
Basin Fruitland Coal

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

2. Name of Operator
Robert L. Bayless

3. Address of Operator
P.O. Box 168, Farmington, NM 87499

4. Well Location
Unit Letter N : 860 Feet From The South Line and 1785 Feet From The West Line
Section 33 Township 30N Range 9W NMPM San Juan County NM

10. Proposed Depth 2400' 11. Formation Fruitland Coal 12. Rotary or C.T. Rotary

13. Elevations (Show whether DF, RT, GR, etc.) 5689' GL 5699' RKB 14. Kind & Status Plug. Bond 15. Drilling Contractor Bayless Drilling 16. Approx. Date Work will start ASAP

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
<u>1 1/4"</u>	<u>8-5/8"</u>	<u>24.0#</u>	<u>120'</u>	<u>90/106 ft³</u>	<u>surface</u>
<u>7-7/8"</u>	<u>4-1/2"</u>	<u>10.5#</u>	<u>2400'</u>	<u>500/729 ft³</u>	<u>surface/see long-string cementing</u>

guidelines for detail:

Will drill 12-1/4" hole to 120' and set 120' of 8-5/8" 24.0 #/ft J-55 used casing, cementing with 106 ft³ Class B cement, circulated to surface. Will drill 7-7/8" hole to 2400' and run 2400' of 4-1/2" 10.5 #/ft J-55 new casing and cement as per attached longstring cementing guidelines. Circulating medium while drilling will be clear water, natural mud and waterloss control additives. No abnormal pressures or temperatures are anticipated. Will run Induction and Density Logs. Blowout preventer and safety equipment schematics are attached. The gas from this formation is not dedicated to a gas contract.

ESTIMATED TOPS: Ojo Alamo - 1120'
Kirtland - 1260'
Fruitland - 1990'
Pictured Cliffs - 2317'
Total Depth - 2400'

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 accurate to the best of my knowledge and belief.
SIGNATURE Kevin H. McCord TITLE Petroleum Engineer DATE 8-17-90
TYPE OR PRINT NAME: Kevin H. McCord TELEPHONE NO 505-326-2654

(This space for State Use)
APPROVED BY [Signature] DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE AUG 22 1990
CONDITIONS OF APPROVAL, IF ANY

APPROVAL EXPIRES 2-22-91
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS