

AMENDED *can program*

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

NM 12235

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Southland

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

WAW Fruitland Pic. Cliff

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 3, T26N, R13W

12. COUNTY OR PARISH | 13. STATE

San Juan | N.M.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER
SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
J. Gregory Merrion and Robert L. Bayless

3. ADDRESS OF OPERATOR
P.O. Box 1541, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1840 FSL & 1840 FWL

At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
17 miles south of Farmington

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1840 ft.

16. NO. OF ACRES IN LEASE 1120

17. NO. OF ACRES ASSIGNED TO THIS WELL 160

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2650 ft.

19. PROPOSED DEPTH 1450 ft.

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6180 ft. G.R.

22. APPROX. DATE WORK WILL START*
On or before 4-30-79

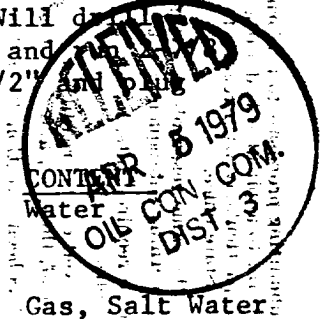
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-3/4"	7-5/8"	26.4 lb./ft.	30 ft.	10 sacks
6-3/4"	5-1/2"	15.5 lb./ft.	950 ft.	150 sacks
4-3/4"	2-7/8"	6.4 lb./ft.	1450 ft.	

Will drill 9-3/4" hole to 30 ft. and set 30 ft. of 7-5/8", 26.4 lb./ft. casing with 10 sacks of cement. Will drill 6-3/4" hole to 950 ft. and set 5-1/2" 15.5 lb./ft. casing on Texas pattern shoe for water shut off. Will drill 4-3/4" hole to 1450 ft.; if appears productive will pull 5-1/2" and cement to bottom and cement. If appears non-productive, will pull 5-1/2" per U.S.G.S. direction.

ESTIMATED TOPS

FORMATION	DEPTH
Ojo Alamo	100 ft.
Kirtland	275 ft.
Fruitland	989 ft.
Pictured Cliffs	1364 ft.



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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Robert Bayless TITLE Co-Owner DATE 04-02-79

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ok Frank

TYMOCC

*See Instructions On Reverse Side