

30-005-20889

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN RECEIVED PLUG BACK

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

2. NAME OF OPERATOR
Forister & Sweatt

3. ADDRESS OF OPERATOR
P. O. Box 161, Artesia, New Mexico 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface 990' FNL, 1650' FEL
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
20 miles north of Maljamar

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

16. NO. OF ACRES IN LEASE
480

17. NO. OF ACRES ASSIGNED TO THIS WELL
160-320

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

19. PROPOSED DEPTH
2,750'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4059.8 GR

22. APPROX. DATE WORK WILL START*
Immediately

5. LEASE DESIGNATION AND SERIAL NO.
NM 16819

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ivey Lynne-Federal

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Chaves Queen SE Assoc.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
5-13S-31E

12. COUNTY OR PARISH
Chaves

13. STATE
NM

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8	2.423	980	475 Sx - circulate
7-7/8	4-1/2	9.5	2,700	125 Sx lite, 150 Sx 50% 'C'

Will cement 8-5/8" casing, circ. cement, WOC 18 hrs, and test at 600#/30".

Will drill with natural mud to approx. 2,000' where will mud up. The Queen will be cored or drillstem tested. If productive, pipe will be cemented and the Queen is to be perforated, acidized and fractured with approx. 20,000 gal gelled water + 30,000# sand. Shaffer BOP will be used.

If well is dry, it will be plugged as to federal regulations.

GAS IS DEDICATED

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 George Forister TITLE Partner DATE SEP 8, 1982

(This space for Approver's (State office use) SIGNATURE)
 PERMIT NO. (Orig. Sgd.) GEORGE H. STEWART APPROVAL DATE SEP 3 1982

APPROVED BY SEP 20 1982 TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
JAMES A. GILLHAM
DISTRICT SUPERVISOR

RECEIVED

**OIL & GAS
MINERALS MGMT. SERVICE
ROSWELL, NEW MEXICO**

*See Instructions On Reverse Side