

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-005-20778

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 31114	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Forister-Sweatt		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 161, Artesia, New Mexico 88210		8. FARM OR LEASE NAME Sabine-Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FS & WL At proposed prod. zone Same		9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 25 miles north of Maljamar		10. FIELD AND POOL, OR WILDCAT SE Chaves-Queen (D)	
16. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1980'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 5-13S-31E	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None		12. COUNTY OR PARISH Chaves	
16. NO. OF ACRES IN LEASE 160		13. STATE N.M.	
19. PROPOSED DEPTH 2650'		17. NO. OF ACRES ASSIGNED TO THIS WELL 320	
20. ROTARY OR CABLE TOOLS Rotary		22. APPROX. DATE WORK WILL START* Dec. 15, 1980	
21. ELEVATIONS (Show whether DF, RT, GR, etc.)			

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11	8-5/8	24	300	175 Sx 'C' - Circulate
7-7/8	4-1/2	9.5	2650	125 Sx lite, 150 Sx 'C'

Will cement 8-5/8" surface casing @ approx. 300', circulate cement, and WOC 18 hours. Test casing @ 600#/30", drill out w/fresh water. Will mud up @ approx. 2200' w/starch and gel to TD. Will core and DST the Queen @ 2500'. If productive, will run 4 1/2" to 2650' and will perforate Queen as per gamma-neutron log. If sand frac is necessary, will use 20,000 gal. gelled water + 30,000# sand. BOP program: Shaffer hydraulic BOP will be installed on surface casing. See Exhibit "E".

GAS IS DEDICATED

RECEIVED

DEC 16 1980

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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 W. J. Sweatt TITLE Operator DATE Nov 30, 1980

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY (Orig. Sig.) GEORGE H. STEWART ACTING DISTRICT ENGINEER DATE DEC 24 1980

CONDITIONS OF APPROVAL, IF ANY:

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JAN 5 1981

OIL CONSERVATION DIV.