

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. C. C.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 0299C
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 SINCLAIR OIL & GAS COMPANY		7. UNIT AGREEMENT NAME Mesalero Ridge Unit DF
3. ADDRESS OF OPERATOR P. O. Box 1920, Hobbs, New Mexico 88240		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' fr the North line and 1980' fr the East line At proposed prod. zone As above		9. WELL NO. 2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Quail Ridge Morrow
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 28-T19S-R34E
18. NO. OF ACRES IN LEASE 1281.80		12. COUNTY OR PARISH Lea
19. PROPOSED DEPTH Plug Back 4950'		13. STATE New Mexico
20. ROTARY OR CABLE TOOLS Rotary		17. NO. OF ACRES ASSIGNED TO THIS WELL 160 Acres
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3720.5' GR		22. APPROX. DATE WORK WILL START* Upon Approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

Well presently completed in Quail Ridge Morrow perms. 13,132'-13,148' producing 97 MCF and 3 BOFPD plus 9 BWFPD.

Present casing - 13-3/8"OD 54.5# J-55 casing set @ 878' and cemented w/730 sks. to surf.
9-5/8"OD 40# N-80 casing set @ 5560' and cemented w/662 sks. to surf.
5-1/2"OD 17# P-110 X-line Buttress casing set @ 13,587' and cemented w/360 sks. Top of cement @ 12,135' from surf.

Propose to: Pull tubing and set DR plug in Model "D" Pkr @ 13,114'. Circulate hole clean w/inhibited fresh water from top of packer. Set C.I.B.P. @ approx. 5550' inside 5-1/2"O.D. casing w/2 sacks cement on top. Test plug and casing. Cut 5-1/2"OD casing @ approx. 5000' and pull. Set 25 sacks cement plug @ 5000' on top of 5-1/2"OD csg. stub covered w/bridging basket. Test plug and casing. Perf. 9-5/8"OD casing opposite Yates @ approx. 4020-4050' and break down w/500 gals. mud acid. Set B.F. @ approx. 3900', perms. 9-5/8"OD casing opposite Yates 3860-3880' and breakdown w/500 gals. acid. Swab test.

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 L. M. Kember TITLE Field Engineer DATE 8-21-68

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Original: Hobbs

cc: GCS, R. H. Shea

cc: Partners, cc: Regional Office

cc: file

See Instructions On Reverse Side

AUG 20 1968

A. R. BROWN

DISTRICT ENGINEER