

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
NEW MEXICO OIL AND GAS COMMISSION
Drew DD
Artesia, NM 88210

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
~~COOK OIL & GAS PRODUCTION~~ **JUN 16 1982**

3. ADDRESS OF OPERATOR
O. C. D.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface
P. O. BOX 159, ROSWELL, N. MEX. 88201 ARTESIA OFFICE
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10. 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
510.91 MOL

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

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

19. PROPOSED DEPTH
3654

20. ROTARY OR CABLE TOOLS
CABLE

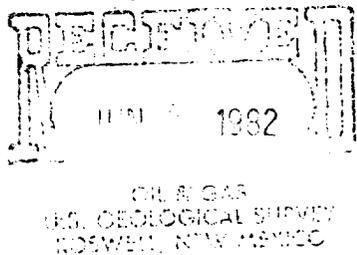
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 3617'

22. APPROX. DATE WORK WILL START*
JUNE 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

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

Propose to Plug & Abandon Hannifin Federal #1 in June 1982.
 1) Spot plug (50' Class C Cement) at 2819'
 2) Spot plug (Class C 4% Calc) at 2300' - WOC - 1 HR - Tag
 3) Cut Casing at 2300'
 4) Spot plug (Class C Cement) at ~~base~~ ^{top} of Salt/to cover shoe ~~200'~~ ^{800'-600'} 1 HR.- WOC - Tag
 5) Spot Plug (20 Sacks Class C Cement) to surface - Tag



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. SIGNER [Signature] TITLE Pres. DATE 2 June 81

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY (Orig. Sgd.) **PETER W. CHESTER** TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:
JUN 15 1982
 FOR **JAMES A. GILLHAM** *See Instructions On Reverse Side
 DISTRICT SUPERVISOR