

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. BOX 1000
HOBBS, NEW MEXICO 88240

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

CONOCO INC.

3. ADDRESS OF OPERATOR

P. O. Box 460, Hobbs, N.M. 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1880' FNL & 2130' FEL

At proposed prod. zone

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

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

17. NO. OF ACRES ASSIGNED
TO THIS WELL

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

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

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

22. APPROX. DATE WORK WILL START*

23.

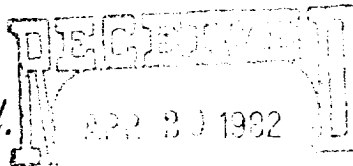
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
		No Change		

It is proposed to squeeze the Tubbs perms and complete the subject well as a Drinkard oil well.

See attachments for procedures.

No additional surface disturbance required.



ON A CASE
U.S. GEOLOGICAL SURVEY
ROSWELL, 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

Wm A. Bretherton

TITLE

Administrative Supervisor

DATE

April 27, 1982

(This space for Federal or State Office Use)

PERMITTED BY

PETER W. CHESTER

APPROVAL DATE

APPROVED BY

APR 30 1982

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FOR
JAMES A. GILLHAM
DISTRICT SUPERVISOR

ms6

WELL DATASEMU Tubb Ac/1 No. 83

Spudded 6-2-64

LOCATION: 1880' FNL & 2130' FEL of Sec. 13, T-20S, R-37E

ELEVATION: 3560 DF 9' KB TD: 6900 PBTD: 6660

CASING: 8-5/8", 24# set at 1380' with 400 sxs. circ.
5-1/2", 14 & 15.5# J-55 set at 6900' with 765 sxs. TOC - 1700'

TUBING: 2-3/8", 4.7# EUE set at 6577 S/N at 6543, 211 joints

PERFORATIONS: 6459', 65', 70', 75', 87', 99', 6505', 13', 20', 25', 39', 55',
and 6558' with 1 JSPF

RECOMMENDED PROCEDURE

1. MIRU. POOH with 2-3/8" tubing.
2. RIH with 3-1/2" workstring and 5-1/2" casing scraper to 6660. POOH with casing scraper and 3-1/2" tubing.
3. RIH with RBP and packer. Set RBP at +6600 with 5' sand on top. Set retainer at +6400. Squeeze Tubb perms with 25 sxs. class "C" cement. POOH circulate tubing clean. SI WOC.
4. POOH with workstring. RIH with 4-3/4" bit and drill collars. Drill out cement. Test squeeze to 500 psi for 15 minutes. If squeeze does not hold, resqueeze. If it tests good, POOH with bit and drill collars.
5. RIH with 3-1/2" tubing and retrieve RBP. POOH with RBP and tubing.
6. RIH with 4-3/4" bit and drill collars. Drill out CI cement retainer at 6680 and cement to 6900'. Drill out to 6890' circulate hole clean. POOH with workstring 4-3/4" bit and drill collars.
7. Run GR-NL from TD up to 6700'. RIH with workstring. Spot 65 gals. 15% HCL-NE-FE (inhibit acid for 24 hours at 110°F) from TD to 6825'. POOH with workstring.
8. RIH with 4" hollow carrier perforating gun, decentralized select fire, 0° phasing, .40 EHD and perforate the following: perms to be picked after log. POOH with 4" perforating gun.
9. RIH with 5-1/2" treating packer and workstring. Set packer at 6820. Load backside to 500 psi. Acidize Drinkard perms using 2000 gallons 15% HCL-NE-FE (inhibit acid for 24 hours at 110°F). Drop four 7/8" ballsealers after the first 1000 gallons (1.3 sg. ballsealers). Flush to top perf with 59 bbls. TFW. (water 2% KCL and 1 gal./1000 gal. Adomall) SI for one hour.
10. Swab back load and report results to Division office.

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RECOMMENDED PROCEDURE

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11. Release packer and POOH with workstring, laying down.
12. RIH with 2-3/8, 4.7# EUE set at 6830 OE. S/N @ 6800'.
13. Place well on production.

ENGINEERING TECHNICIAN

DATE

SUPERVISING PRODUCTION ENGINEER

DATE

DIVISION ENGINEER

DATE

DRILLING SUPERVISOR

DATE

DLM:mhe

CC: WELL FILE, DLW, WDC (4), GWF, DLM, MHE