Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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: Amoco Production Company

3. ADDRESS OF OPERATOR: P. O. Box 68, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1980' FNL X 1650' FEL (Unit G, SW/4,NE/4)
At proposed prod. zone:

5. LEASE DESIGNATION AND SERIAL NO.: NM-10601

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Federal ~~B~~ Y Com

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Und. Wolfcamp

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 27-20-33

12. COUNTY OR PARISH: Lea

13. STATE: NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 28.2 miles SW of Hobbs, NM

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: 40

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.): 3623.2 GL

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
17-1/2"	13-3/8"	48#	1497'	1250 sx Cl C
12-1/4"	9-5/8"	40#	5629'	400 sx Cl C, 400 Cl H
8-3/4"	7"	23#,26#	12662'	1000 trinity lite
	4-1/2	20#	13550'	360 sx Cl H & 300 sx Cl H

Propose to recompleted the subject well from the Atoka (13,020-13,114') to the Wolfcamp (11,728-11,740') per the following:

MIRU service unit and kill well with 2% KCL brine water. Pull 2-7/8" tubing, Guiberson Uni -VI packer, and Vann system. Run in hole with 4-1/2" cast iron bridge plug and set at 12,970'. Pressure test cast iron bridge plug and cap with 35' of cement. Pull out of hole. Run GR correlaction log to correlate gun on depth. RIH with 4" hollow carrier casing gun and perforate Wolfcamp interval 11728'-11740' with 4 DPJSPF at 90° or 120° phasing with gun centralized. Pull out of hole. Run in hole with 3 jts 2-3/8" tailpipe with 1.81" profile nipple 1 jt off botom, 7" Guiberson Uni VI packer with on-off tool, 1.875" profile nipple, and 2-7/8" tubing to surface. Acidize with 3,000 gals 15% HCL, 3 gal corrosion inhibitor, 3 gal iron agent, and 150 gals checker-Sol as follows

0+6-BLM, R 1-HOU 1-W. Stafford, HOU 1-CMH 1-ARCO

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: Karla M. Sisking TITLE: Assist. Admin. Analyst DATE: 2-21-83

(This space for Federal or State office use)

PERMIT NO.: APPROVED APPROVAL DATE:

(Orig. Sgd.) PETER W. CHESTER
MAR 1 1983
FOR JAMES A. GILLHAM
DISTRICT SUPERVISOR

APPROVED BY: TITLE: DATE:

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Run tubing to 11760' and spot bbls (168 gals) of 15% HCL acid across perfs with additives.

B) Pull up tubing and set packer at 11540' with tailpipe at approx. 11630'. Swab to packer.

C) Pump remaining acid at 3-5 BPM and flush to bottom perf with 72 bbls 2% KCL brine.

Swab and flow test well to evaluate production. Rig down and move out service.

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MAR 2 1983

*See Instructions On Reverse Side