

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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, NM 88240

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

At surface

1980 FNL x 660 FEL

At proposed prod. zone Unit H, (SE/4,NE/4)

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

5 mi. North of Jal, NM, 2 mi. east

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. 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.)

3247' DF

22. APPROX. DATE WORK WILL START*

ASAP

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"	36#	318	400 sx
12-1/4"	9-5/8"	36, 32.3#	3801	625 sx
8-3/4"	7"	23 & 29#	10426	1319 sx

propose to recompleate well to the Simpson and selectively test, then recompleate the well to the Silurian. Shut-in well for 24 hours and sonolog. MI and RUSU. POH with production equipment. RIH and set CIBP at 9700. Load hole with 2% KCL fresh water. Run a GR/CNL/CCL from 9700-5800. Perf intervals 9575-9590, 9250-9270, and 9205-9225 with 4" casing gun at 4 JSPF and 90° phasing. Simpson sands correlate with Schlumberger E log dated 11-19-51. RIH with PPIP at 1 foot spacing and acidize 9575-9590 with 1500 gal of 15% HCL with 3 gal WA-212, 15 gal EDTA and 6 gal WA-211 as follows: Acidize each foot with 50 gal/ft. Pull up above perfs and pump remaining, 750 gal of acid at 1 BPM. Swab test Zone and evaluate production. POH and RIH with RBP and PPIP and set BP at 9350 feet. Acidize intervals 9250-9270 with PPIP at 2 foot spacing. Acidize with 2000 gals 15% HCL with 4 gal WA-212, 8 gal WA-211 and 20 gal EDTA as follows: Acidize each foot with 100 gal/ft. (100 gal/setting). Pull up above perfs and acidize with remaining 1000 gal at 1 BPM. Swab test zone and evaluate production. Pull and set RBP at 9245. Acidize intervals 9205-9225 with PPIP at 2 foot spacing. Acidize with 2000 gal 15% HCL with 4 gal WA-212, 8 gal WA-211 and 0 gal EDTA as follows: Acidize each foot with 50 gal/ft (100 gal/setting). Pull up above perfs and acidize with remaining 1000 gal of 1 BPM. Swab test zone and evaluate production.

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

Om Mitchell

TITLE

Sr. Admin. Analyst

DATE

4-29-87

(This space for Federal or State office use)

PERMIT NO.

Permit No. 1004-0136

APPROVAL DATE

APPROVED BY

Acting Admin. Analyst

TITLE

DATE

5-14-87

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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MAY 18 1987
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HOBBS OFFICE

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At surface

At proposed prod. zone

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Depending on results obtained in selective tests a supplemental procedure to install production equipment may follow. POH with tubing, packer and RBP. Perf Silurian interval 6960-7015. RIH with PPIP and RBP. Set RBP at 7100. Acidize 6960-7015 with 5500 gal of 15% HCL with 55 gal EDTA, 11 gal of WA-212 and 6 gal of WA-211 as follows: Set PPIP with 5 foot spacing. Acidize with 50 gal/ft (250 gal/setting). Pull up above perfs and pump remaining 2750 gal of 5-6 BPM. Swab test and collect water samples. Return to production.

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SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

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