

NEW MEXICO OIL AND GAS COMMISSION
Artesia
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED BY
JUN 12 1985
ARTESIA, OFFICE

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

C/SF

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

At proposed prod. zone

1650' FSL X 1900' FEL

(Unit J) NW1/4, SE1/4

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)

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

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

3337' RDB

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94 #	370'	700 SX
17 1/2"	13 3/8"	48 #	1632'	1550 SX
12 1/4"	8 5/8"	24 #, 32 #	4245'	1650 SX
7 7/8"	5 1/2"	17 #, 20 #	12,611'	700 SX

Reference is made to Administrative Order NSL-2054 approving a non standard location for the subject well (Copy Attached).

Propose to recomplate the subject well from the Morrow formation to the Strawn as follows: 1) Prior to MISL, run a BHP buildup test on the Morrow

2) MISL and kill well w/ 10 ppg brine.

3) Rel pkr SA 11,551' and POH w/ pkr and tbg.

0+5 BLM-C, 1-JRB, 1-FJN, 1-NLG

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

Chas. Lyden

TITLE

Administrative Analyst

DATE

5 June 1985

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Don Warr

TITLE

DATE

6-11-85

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

- 4) Temporarily abandon Morrow by RIH w/ RBP and SA 11,700'. Pressure test to 1000 psi and load hole w/ 10 ppg brine. Cap RBP w/ 20' SN. (Top of Morrow is 11,740').
- 5) Run CBL w/ GR correlation log from 11,700'-9700'. (If good bond from 10,970'-11,042', proceed. If not a supplemental squeeze job will be required.).
- 6) RIH w/ 3 1/8" csg gun and perf Strawn intervals 10,973'-84', 10,992'-11,004', and 11,025'-42 w/ 4 DPJSFF and 90° or 120° phasing.
- 7) RIH w/ 3 jts 2 3/8" tailpipe, Guiberson Uni VI PKR, on/off tool, and 2 3/8" Tbg. A 1.81" F nipple will be placed one jt off bottom and a 1.875" profile in the on/off tool. Set pkr at 10,750'.
- 8) Swab and flow test well.
- 9) Stimulate well as follows: Run base GR temp survey 11,150'-10,700'. Acidize w/ 4000 gals crosslinked 15% HCL and 2000 gals CO₂. Acid to contain additives. Flush w/ 45 bbls 2% KCL FW. w/ 1/3 total volume CO₂. Run after treatment GR temp survey.
- 10) Flow and swab test well.
- 11) Run BHP buildup test on the Strawn formation.
- 12) Run 4 pt AOF test
- 13) Shut In well.