

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYDRAWER DD00006
ARTESIA, NM 88210

LEASE DESIGNATION AND SERIAL NO.

LC-055465-A

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

O. C. D.

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 760'

At proposed prod. zone

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

10 miles SE of Artesia, 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

9330'

20. ROTARY OR CABLE TOOLS

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

3586.0 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#	996	950 SX Cl C
12-1/4	8-5/8	24#, 32#	5982	2250 SX lite, 500 SX Cl C
7-7/8	5-1/2	15.5#, 17#	9805	425 SX lite, 650 SX Cl C

Propose to abandon the Morrow and recomplete to the Wolfcamp per the following: 9330'
Move in service unit. Pull packer and tubing. Run CIBP and set at 9330' cap
with 35' of cement. Perforate Wolfcamp intervals 7550'-20', 7033'-26', 6978'-65', 6360'-56'
6352'-46', 6312'-06', 6282'-72', 6262'-56', 6242'-40', 6238'-36', and 6232'-22' with 2
JSPF. Run in hole with 2-3/8" tubing, packer, seating nipple, retrieving head, and
retrievable bridge plug. Set retrievable bridge plug at 7750' and test to 500 PSI. Set
packer at 7330'. Land tailpipe at 7420'. Acidize Wolfcamp interval 7520'-50' with 3000
gallons 15% HCL. Swab test interval. Release packer and retrievable bridge plug. Reset
retrievable bridge plug at 6560' and reset packer at 6032'. Tubing will land at 6122'.
Acidize Wolfcamp interval 6222'-6360' with 4600 gallons 15% HCL. Release packer and
retrievable bridge plug. Reset retrievable bridge plug at 7750'. Reset packer at 6100'.
Tubing landed at 6190'. Swab and flow test well. Pull out of hole with retrievable
0+6-MMS, 1R 1-HOU 1-W. Stafford, HOU 1-DMF 1-Exxon 1-Gulf 1-Marathon 1-Bass

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

Mark Furman

TITLE

Assist. Admin. Analyst

DATE 10-5-82

(This space for Federal approval)

PERMIT NO.

(Offg. Sgd.) PETER W. CHESTER

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

FOR

JAMES A. GILLHAM
DISTRICT SUPERVISOR

TITLE

*See Instructions On Reverse Side

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Tuning [ended at 6100'. Swap and flow test well. Pull out
retrievable bridge plug. Reset retrievable bridge plug at 7380'
Acidize Wolfcamp interval 6220'-6360' with 4000 gallons 15% HCl.
Retrievable bridge plug at 6560' and reset packer at 6090'.
Gallons 15% HCl. Swap test interval. Release packer and reset
packer at 7380'. Land tailpipe at 7420'. Acidize Wolfcamp interval
retrievable bridge plug. Set retrievable bridge plug at 7380'.
JSPF. Run in hole with 2-3/8" tubing, packer, seating nipple
6350'-46', 6312'-06', 6289'-72', 6262'-56', 6242'-40', 6238'-32',
Move in service unit. Pull packer and tubing. Run CIP and
Propose to abandon the interval and recomplete to the Aokha

DIC-MIS. JR. J-HOU J-HOU J-HOU J-HOU J-DIF I-Exxon
Federal or State regulations, or appropriate U.S. Govt.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. IF PROPOSAL IS TO DEEPEN OR BROADEN OR BOTH, GIVE DATA ON PRESENT PROGRAM. IF PROPOSAL IS TO DITCH OR DEEPEN DIRECTIONALLY, GIVE PERTINENT DATA ON SUBMITTED LOCATION AND MEASUREMENTS.

abp John. JohnA. JohnA

(This space for reference or file only)

STAT 11400-114

Journal of Management Inquiry 22(2)

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* 2007-2008

J.S. GOVERNMENT PRINTING OFFICE : 1963-O-711-396
839-171

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bridge plug, packer, and tubing. Run in hole with 2-3/8" tubing, anchor, and seating nipple. Land tubing at 7610'. Set tubing anchor at 7310'. Place well on pump. Move out service unit.

*2- Instructions On Reverse Side