

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYNM OIL CONVERSION PERMIT
(Other instructions on reverse side)
Artesia, NM 88210

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

Cities Service Company

3. ADDRESS OF OPERATOR

P.O. Box 1919, Midland, Texas 79702

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

At surface 1880' FSL & 1780' FWL

At proposed prod. zone Same as above

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

2-1/2 miles NE from Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1780' W

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

1/2 mile

16. NO. OF ACRES IN LEASE

4932

19. PROPOSED DEPTH

PB 11,118'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

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

3192' FR

22. APPROX. DATE WORK WILL START*

July 15, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

(See Morrow Completion Records)

O.T.D. 11,742' Lime & Shale, OPBTD 11,705'. It is proposed to plug off the Morrow Perfs and test the Atoka zone of this well in the following manner:

1. MIRU plg unit. Kill well w/10#/gal BW. ND tree & NU BOP. POOH w/tbg & pkr.
2. RIH w/4-5/8" RB & 5-1/2" csg scraper on 2-7/8" tbg & CO to 11,705' PBTD.
3. Set 5-1/2" CIBP on WL @ 11,130' & dmp 5 sx cmt (40') on top of BP. Perf Atoka zone w/2 SPF @ 10,781-90' & 11,113-18'. Depth reference: CNL/FDC dtd 10-14-74.
4. RIH w/Baker lok-set pkr & disc on 2-7/8" tbg & set pkr @ 10,650'.
5. Drop bar to rupture disc & test well natural.
6. If necessary, AZ Atoka Perfs 10,781-11,118' w/6000 gal 7-1/2% MS acid containing 4 gal I-15/1000 gal, 1 gal Clay Master-3/1000 gal and 1.5 gal FR-20/1000 gal. Use 1000 SCF N₂/bbl.
7. Recover load and retest well.
8. If economical, run 4 pt test and obtain 72 hr SIBHP.

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

Elmer Stutz

TITLE Reg. Oper. Mgr. - Prod.

DATE 6-28-82

(This space for Federal or State office use)

APPROVED

PERMIT NO.

APPROVAL DATE

(Orig. Sgd.) PETER W. CHESTER

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY

FOR

JAMES A. GILLHAM
DISTRICT SUPERVISOR

See Instructions On Reverse Side

Instructions

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.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

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