

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYDrawer DD
ATLAS NM 88210Instructions on
reverse side)

SF/file

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐DEEPEN ☐ JUN 24 1982UG 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 1650' FSL & 1980' FEL

At proposed prod. zone Same as above

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

Approx. 31 miles West of Carlsbad, N.M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1650' S

16. NO. OF ACRES IN LEASE

1520.64

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

4650'

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

4399' GR

5. LEASE DESIGNATION AND SERIAL NO.

NM 12241-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Little Box Canyon

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated Abo

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 7-T21S-R22E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1650' S

16. NO. OF ACRES IN LEASE

1520.64

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

4650'

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

4399' GR

17. NO. OF ACRES ASSIGNED

TO THIS WELL

280.45

20. ROTARY OR CABLE TOOLS

22. APPROX. DATE WORK WILL START*

July 1, 1982

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
		(See Cisco Completion)		

OTD 8350' Lime, Shale & Sand, OPBTD 7290' It is proposed to plug off the Cisco perforations 5864-6090', plug back and test the Abo formation in the following manner:

1. MIRU. POOH w/tbg & pkr.
2. RIH w/4-3/4" RB, 5-1/2" csg scraper on 2-7/8" tbg & CO to PBTD of 7290'.
3. Set 5-1/2" CIBP @ 5800'. Dmp 3 sx (25') cmt on top of CIBP. Perf 2 holes @ +4800' & set retainer @ +4700'. POOH.
4. RIH w/2-7/8" tbg. Pmp into sqz holes @ 4800' & establish circ rate holding press on the 2-7/8" x 5-1/2" annulus. Pmp 1000 gal mud flush to precede cmt slurry. M&P cmt slurry containing 500 sx Cl H 50/50 Pozmix containing 5#/sk salt, 2% gel, 0.5% CFR-2 & 1/4#/sk Flocele. Circ cmt behind 5-1/2" csg to 2000'. PO of retainer & dmp 6 sx (50') cmt on top. Pull tbg and rev out excess cmt.
5. RIH w/4-3/4" RB, 5-1/2" csg scraper on 2-7/8" tbg & CO to new PBTD of 4650'. CHC. Pull tbg.
6. Run GR-CCL-CBL from 4650-2000'. If cmt bond is OK, perf Abo 2 SPF @ 4498-4501', 4507-4510', 4536-4540', 4549', 4551', 4552'. (SEE REVERSE SIDE)

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 Startz

TITLE Reg. Oper. Mgr.

DATE 6-18-82

(This space for Federal or State Approval)

APPROVED

PERMIT NO.

(Orig. Sgd.) PETER W. CHESTER

APPROVAL DATE

APPROVED BY

JUN 23 1982

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.

★ U.S. GOVERNMENT PRINTING OFFICE : 1963-O-711-386

7. RIH w/5-1/2" Baker's lok-set pkr & set pkr @ +4350'.

8. Drp bar to rupture disc & tst well natural.

9. If necessary, AZ Abo perfs 4498-4552' w/5000 gals 15% MS RI100 acid containing additives and 101,400 SCF N₂ per barrel.

10. Recover load & retest well.

11. If economical, run 4 pt tst & 72 hr SIBHP.

12. Put well on production.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL DEEPER OR PLUG BACK

PLUG BACK

DEEPEN

DRILL

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