

N.M.O.C.D. COPY

SUBMIT IN PLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☐ DEEPEN ☐ PLUG BACK ☒		5. LEASE DESIGNATION AND SERIAL NO. NM 886
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Cities Service Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR Box 1919, Midland, TX 79702		8. FARM OR LEASE NAME LITTLE BOX CANYON UNIT
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 660' FSL & 1980' FEL of Sec 12-T21S-R21E Eddy County, New Mexico At proposed prod. zone same as above		9. WELL NO. 2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approx. 31 miles West of Carlsbad, NM		10. FIELD AND POOL, OR WILDCAT Unders Atoka
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660' S		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 12-T21S-R21E
16. NO. OF ACRES IN LEASE 1520.64		12. COUNTY OR PARISH Eddy
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 6600' W		13. STATE NM
19. PROPOSED DEPTH PBTD 8065'		20. ROTARY OR CABLE TOOLS
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4477.67' GR		22. APPROX. DATE WORK WILL START* Nov. 15, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
(SEE MORROW COMPLETION DATA)				

O.T.D. 8370' Shale & Lime OPBTD 8290'. It is proposed to plug off the Morrow perfs 8191 - 8200 & plug back & test the Atoka formation in the following manner:

MIRU pulling unit. Kill well w/2% KCl FW. ND tree. NU BOP. POOHw/tbg & pkr. RIH w/4-3/4" RB & 5 1/2" csg scraper on 2-7/8" tbg & CO to 8290' PBTD. CHC. Pull tbg to + 7950' & spot 150 gals 10% acetic acid 7800 - 7950'. POOH.
Set 5 1/2" CIBP on wireline at + 8100' & dump 3 sx cmt (35') top of BP. Perf Atoka with 2 shots/ft using a 4" Hyper Jet II csg gun at each of the following intervals: 7873', 7874', 7875' & 7876'.
RIH w/Baker Lok-Set pkr & Schlumberger disc on 2-7/8" tbg & set pkr at + 7750'. Space out tbg. ND BOP & NU tree.
Drop bar to break disc & test well natural.
If necessary, RU & acidize Atoka perfs (7873-7876') w/3000 Gals. 7 1/2% MS acid containing additives & 1000 SCF N₂/bbl. Drop 12 ball sealers, one every 5 bbls of acid, to ball out. Recover load & retest well. If *

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.

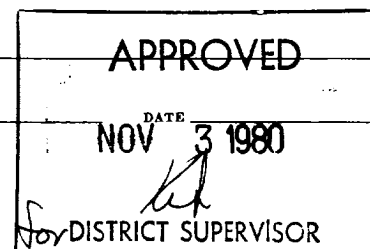
24. SIGNED [Signature] TITLE Region Oper. Mgr. DATE 10/29/80
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

economical, run 4-point test & obtain 72 hr SIBHP.

*See Instructions On Reverse Side

50' cmt. d/lva required on top of BP.



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.