

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-21286

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM 18293	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Cities Service Oil Company			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 1919 - Midland, Texas 79701			8. FARM OR LEASE NAME Government AA	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FNL & 1980' FWL of Sec. 23-T20S-R28E, Eddy Co., New Mex. At proposed prod. zone Same as above			9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approx. 10 1/2 miles NE of Carlsbad, New Mexico			10. FIELD AND POOL, OR WILDCAT Undesignated Morrow	
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660' N			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23-T20S-R28E	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			12. COUNTY OR PARISH 13. STATE	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3227' Gr.			22. APPROX. DATE WORK WILL START* August 15, 1974	
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#	600'	450 sacks (Circulated)
12 1/4"	9 5/8"	32 & 36#	3000'	2000 sacks (Circulated)
8 3/4"	5 1/2"	17 & 20#	11600'	950 sacks

It is proposed to drill to a T.D. of 11,600' and test the Morrow formation.

The blowout prevention program is as follows:

1. One set of blind rams.
2. One set of drill pipe rams.
3. One hydril.
4. One rotating head.

JUL 15 1974

O. C. C.
ARTESIA, OFFICE

RECEIVED

U.S. GEOLOGICAL
ARTESIA, NEW MEX.

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

TITLE Region Operation Manager

DATE July 5, 1974

APPROVED

PERMIT NO. 1974

SUBJECT TO ATTACHED DEEP WELL CONTROL

REQUIREMENTS DATED JUL 12 1974

TITLE

DATE

APPROVED BY KIVIAN
CONDITIONS OF APPROVAL, IF ANY:
ACTING DISTRICT ENGINEERTHIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES OCT 12 1974DECLARED WATER BASIN
13 3/8"*See Instructions On Reverse Side
CEMENTING THE CASING MUST BE CIRCULATEDNOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE CASING.
9 3/8"