

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-22959

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-33121
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Cities Service Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 1919 Midland, TX 79702		8. FARM OR LEASE NAME Government "AJ"
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2310' FNL 1980' FWL, Sec. 8, T-20-S, R-21-E Eddy County, New Mexico At proposed prod. zone same as above		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 18 miles Southwest of Hope, New Mexico		10. FIELD AND POOL, OR WILDCAT Wildcat - Morrow
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980' West		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 8, T-20S, R-21E
16. NO. OF ACRES IN LEASE 6998.22		12. COUNTY OR PARISH Eddy
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		13. STATE New Mexico
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. Wildcat		20. ROTARY OR CABLE TOOLS Rotary
19. PROPOSED DEPTH 7850'		22. APPROX. DATE WORK WILL START* 8/1/79
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4616.7 GR		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	13-3/8"	48#	265'	265 sx (Circulated)
12¼"	8-5/8"	24#	1550'	1300 sx (Circulated)
7-7/8"	5½"	15.5# & 17#	7850'	500 sx (TC @ 5000)

It is proposed to drill this well to a TD of 7850' 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 rotating head

The acreage allocated to this well is not dedicated to an

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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 <u>E. Spiller</u>	TITLE <u>Region Operations Mgr.</u>	DATE <u>6/12/79</u>
(This space for Federal or State office use)			
PERMIT NO. _____	APPROVAL DATE <u>7-6-79</u>		
APPROVED BY _____	TITLE _____	DATE _____	
CONDITIONS OF APPROVAL, IF ANY:			