

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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. LC 060967	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input 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 Company			7. UNIT AGREEMENT NAME SMGSAU	
3. ADDRESS OF OPERATOR P.O. Box 1919 Midland, TX 79702			8. FARM OR LEASE NAME Tract 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2490' from South line, 1595 from East line of Sec. 30, T17S, At proposed prod. zone R33E, Lea County, NM same as above			9. WELL NO. 5	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6 miles southeast of Maljamar, NM.			10. FIELD AND POOL, OR WILDCAT Maljamar (G-SA)	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1045'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 30, T-17S, R-33E	
16. NO. OF ACRES IN LEASE 1080			12. COUNTY OR PARISH Lea	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 483'			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4050.4' GR			22. APPROX. DATE WORK WILL START* 10/1/79	

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8-5/8"	24#	1300'	650 sacks
7-7/8"	5 1/2"	15.5#	3950'	2000 sacks
4-5/8"	4" (LINER)	9.5#	3750-4350	75 sacks

It is proposed to drill this well to a T.D. of 4350' & complete in the Grayburg-San Andres formation. The blowout prevention program is as follows:

1. one set of blind rams
2. one set of drill pipe rams.

The acreage assigned to this well is dedicated to Phillips Petroleum Company as casinghead gas purchaser.

RECEIVED

SEP 14 1979

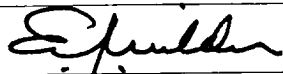
U. S. GEOLOGICAL SURVEY

HOBBS, NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production and proposed productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

24.

SIGNED



TITLE Region Operations Mgr.

DATE 8/31/79

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVAL DATE

APPROVED  
AS AMENDED  
OCT 17 1979

DISTRICT ENGINEER

\*See Instructions On Reverse Side