

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. NM 32325-A	
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 Transwestern Gas Supply Company		7. UNIT AGREEMENT NAME ---	
3. ADDRESS OF OPERATOR P. O. Box 2521 Houston, TX 77001		8. FARM OR LEASE NAME Buffalo Tank Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980 ft. from South lease line and 1980 ft. from West lease line At proposed prod. zone Same		9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 26 1/2 miles Norht of Roswell		10. FIELD AND POOL, OR WILDCAT Wildcat ABO	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1980 ft.		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 25 T6S R23E Ut-K	
16. NO. OF ACRES IN LEASE 640		12. COUNTY OR PARISH Chaves	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3996' G.L. 3999' GL		22. APPROX. DATE WORK WILL START* as soon as possible	

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	54.5#-48.0K-55	60'	redimix
12 1/4	8 5/8	24.0# K-55	1600'-1800' ±	± 950 sx - CIRC. TO SURFACE
7 7/8	4 1/2	10.5# J-55	TD	± 225 sx

13 3/8" Casing set two joints with rathole machine and grout to surface.

8 5/8" Casing 350 sx Thixset-Class C containing 8-10#sx Gilsonite, 1/4#sx Celoflake, 4% CaCl₂, 600 sx 50-50 Poz Class C w/2% CaCl₂-
Total 950 sx.

4 1/2" Casing Approximately 250 sx Pozmix - Class "C" w/ 2% gel. 8# sx salt and 0.4% CFR-2 friction reducer.

GAS IS DEDICATED

EXP. INT.
1-30-96RECEIVED
NOV 30 1981OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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 James A. Gillham TITLE Mngr. US Onshore Prod. DATE 10-28-81
(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS

OF APPROVAL, IF ANY:

DEC 7 1981

JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions On Reverse Side