

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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30-015-71387

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 03677
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Texas Oil & Gas Corp.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Drawer 591, Midland, Texas 79701		8. FARM OR LEASE NAME Yates Federal "A"
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FNL, 1980' FWL At proposed prod. zone		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 10 miles NE of Carlsbad, New Mexico		10. FIELD AND. POOL, OR WILDCAT Burton Flat (Morrow)
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1980	16. NO. OF ACRES IN LEASE 320	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 21-20S-29E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. none	19. PROPOSED DEPTH 12,000'	12. COUNTY OR PARISH Eddy
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3271.3 GL		13. STATE New Mexico
22. APPROX. DATE WORK WILL START* October 10, 1974		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	13 3/8"	48	550	500
12 1/4"	8 5/8"	32	3200	2000
7 7/8"	4 1/2"	11.6 & 13.5	12,000	500

1. Drill to 550' and set 13 3/8" casing
2. Drill 12 1/4" hole to 3200' and set 8 5/8" casing using BOP
3. Drill out with 7 7/8" bit and drill to TD using BOP and hydрил. Mud up at 8800' with 10# weight. Well control equipment to be in compliance with U. S. Dept. of Interior regulations

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OCT - 2 1974
U. S. GEOLOGICAL SURVEY
ARTESIA, 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 J. R. Colter TITLE Staff Engineer DATE 10-1-74
(This space for Federal or State office use)

APPROVED
APPROVED BY 10-8-1974
COMMISSIONER OF GEOSCIENCES
A. L. BECKMAN
ACTING DISTRICT ENGINEER

SUBJECT TO ATTACHED DEEP WELL CONTROL REQUIREMENTS DATED JUN 28 1973

THIS APPROVAL IS REVOKED IF OPERATIONS ARE NOT COMPLETED WITHIN 3 MONTHS.
JAN - 8 1975

DECLARED WATER BASIN
13 3/8"
8 5/8"
CEMENT BEHIND THE CASING MUST BE CIRCULATED

NOTIFY USGS IN SUFFICIENT TIME TO WITNESS CEMENTING THE 8 5/8" CASING.