

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC 054667
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 Alpha Twenty-One Production Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 2100 First National Bank Building, Midland, Texas 79701		8. FARM OR LEASE NAME El Paso Tom Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 2310 FNL & 1650 FWL, Section 33 At proposed prod. zone		9. WELL NO. 3
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* NW corner of Lease borders SE corner of City Limits, Jal, N.M.		10. FIELD AND POOL, OR WILDCAT Langlie Mattix
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330 feet		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 33, T-25-S, R-37-E, NMPM
16. NO. OF ACRES IN LEASE 440		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. 475'		20. ROTARY OR CABLE TOOLS Rotary
19. PROPOSED DEPTH 3300'		22. APPROX. DATE WORK WILL START* 7-10-80
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 2999 G.L. (3009 RKB)		

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15	13-3/8	33	30	20 (circulate)
12-1/4	8-5/8	28	400	400 (circulate)
7-7/8	5-1/2	17	3300	600 (circulate)

A 10-3/4-inch 2000-psi rotating head will be used while drilling the surface hole. Before drilling out from under the surface pipe, the well will be equipped with a 3000-psi 10-inch Series 900 double-ram hydraulic BOP system.

NOTE: For other necessary BOP data required with the APD, see the attached drilling prognosis.

RECEIVED

MAY 29 1980

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 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 Tommy Phillips TITLE Executive Vice President DATE 5-27-80  
(This space for Federal or State office use)

PERMIT NO. <b>APPROVED</b>	APPROVAL DATE
APPROVED BY <b>JUL 2 1980</b>	TITLE
CONDITIONS OF APPROVAL, IF ANY	DATE
<b>DISTRICT SUPERVISOR</b>	

\*See Instructions On Reverse Side