

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
L-04634	E-1639

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
DRILL <input checked="" type="checkbox"/> Re-Entry DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		State J	
2. Name of Operator		9. Well No.	
Alpha Twenty-One Production Company		1	
3. Address of Operator		10. Field and Pool Name	
2100 First National Bank Building, Midland, Texas 79701		North Osudo (Morrow)	
4. Location of Well		12. County	
UNIT LETTER K LOCATED 1650 FEET FROM THE South LINE		Lea	
AND 1980 FEET FROM THE West LINE OF SEC. 29 TWP. 20S RGE. 36E NMPM			
19. Proposed Depth		19A. Formation	
Plugged Back 11,600		Morrow	
20. Rotary or C.T.		Rotary	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
3639 G.L.		6-11-80	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
State Wide		Pool Well Service	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	70	311'	350 Sx.	Circulated
12-1/4"	9-5/8"	40 & 36	5,190'	200 Sx.	2,500
8-3/4"	5-1/2"	17	11,600'	300 Sx.	10,000

Propose to Re-enter this temporarily abandoned well.
The well will be equipped with an 8" 5000 Series Hydraulic BOP System.
We will drill out cement plugs from 5150-5250, 7500-7600, 8500-8600, 9970-10,070, and 11,100-11,200, run Electric Logs and set 11,600' of 5½" 17 Lb. N-80 casing, and cement with 300 sx. cement. Completion method will depend on analysis of Electric Logs. We propose to rig-up unit 6-11-80.

(Gas is not Dedicated)

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Tommy Phipps Title Executive Vice President Date June 10, 1980
(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT NO. 1 DATE JUN 16 1980
CONDITIONS OF APPROVAL, IF ANY: