

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| 1a. TYPE OF WORK<br>DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>                                    |  |  | 2. LEASE DESIGNATION AND SERIAL NO.<br>NM 40658                        |  |  |
| b. TYPE OF WELL<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>                                    |  |  | 3. INDIAN, ALLOTTEE OR TRIBE NAME                                      |  |  |
| 4. NAME OF OPERATOR<br>Alpha Twenty-One Production Company  |  |  | 4. UNIT AGREEMENT NAME   |  |  |
| 5. ADDRESS OF OPERATOR<br>2100 First National Bank Building, Midland, Texas   |  |  | 5. FARM OR LEASE NAME<br>Buckskin Federal                              |  |  |
| 6. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*<br>At surface 990 FWL and 330 FSL, Section 18, T24S, R38E DEC 15 1980 |  |  | 6. WELL NO.<br>5   |  |  |
| 7. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*<br>Seven Miles Northeast of Jal, N. M.   |  |  | 7. FIELD AND POOL, OR WILDCAT<br>Dollarhide-Tubb Drinkard              |  |  |
| 8. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any) 330   |  |  | 8. SEC., T., R., M., OR B.L. AND SURVEY OR AREA<br>Sec. 18, T24S, R38E |  |  |
| 9. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 800'   |  |  | 9. COUNTY OR PARISH<br>Lea   |  |  |
| 10. NO. OF ACRES IN LEASE 240   |  |  | 10. STATE<br>N.M.  |  |  |
| 11. PROPOSED DEPTH 6800'  |  |  | 11. NO. OF LINES ASSIGNED TO THIS WELL 40                              |  |  |
| 12. ROTARY OR CABLE TOOLS Rotary  |  |  | 12. APPROX. DATE WORK WILL START* 3-1-81                               |  |  |
| 13. ELEVATIONS (Show whether DF, RT, CR, etc.)<br>3174 G. L.  |  |  | 13. APPROX. DATE WORK WILL START* 3-1-81                               |  |  |

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT  |
|--------------|----------------|-----------------|---------------|---------------------|
| 15           | 12-3/4         | 33              | 30            | Redinix to Surface  |
| 12 1/4       | 8-5/8          | 28              | 1300          | 800 sx. (Circulate) |
| 7-7/8        | 5-1/2          | 17              | 6800          | 1200 sx.            |

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.

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 \_\_\_\_\_ TITLE Executive Vice President DATE 11-25-80  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE ENGINEER  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ DEC 22 1980



# N MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Superseded C-128

Effective 1-1-83

All distances must be from the outer boundaries of the Section

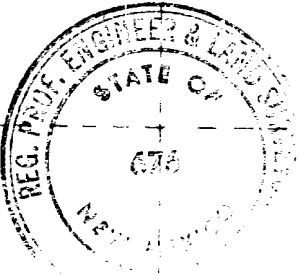

|  |  |                             |   |  |  |                                      |  |  |
|--|--|-----------------------------|---|--|--|--------------------------------------|--|--|
| Operator<br><b>Alpha 21 Producing Co.</b>  |  |                             | Lessee<br><b>Buckskin Federal</b>       |  |  | Well No.<br><b>5</b>                 |  |  |
| Tract Letter<br><b>M</b>   | Section<br><b>18</b>                   | Township<br><b>24 South</b> | Range<br><b>06 East</b>                 | County<br><b>Lea County New Mexico</b> |  |                                      |  |  |
| Actual Portage Location of Well:<br><b>330</b> feet from the <b>South</b> line and <b>390</b> feet from the <b>West</b> line |  |                             |   |  |  |                                      |  |  |
| Ground Level Elev.<br><b>3173.55</b>   | Producing Formation<br><b>Drinkard</b> |                             | Pool<br><b>Dollarhide Tubb-Drinkard</b> |  |  | Dedicated Acreage<br><b>40</b> Acres |  |  |

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

|   |  |
|---|--|
| Ownership<br>Alpha Twenty-One Production Co. 100% WI<br>United States of America 12 1/2% RI |  |
|          |  |
|         |  |

### CERTIFICATION

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

*[Signature]*  
Name  
**Tommy Phipps**

Position  
**Executive Vice President**

Company  
**Alpha Twenty-One Production Co.**

Date  
**11-25-80**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**11-25-80**

Registered Professional Engineer and/or Land Surveyor

*[Signature]*  
Certificate No. **JOHN W. WEST 678**  
**PATRICK A. ROMERO 6463**  
**Ronald J. Eidson 3239**

RECEIVED  
DEC 30 1980  
OIL CONSERVATION DIV

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