

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-21666

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

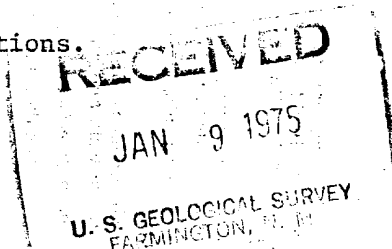
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. SF 078487-B	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Union Texas Petroleum, <del>A Division of Allied Chemical</del> Corporation			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Suite 1122, 1860 Lincoln Street, Denver, Colorado 80203			8. FARM OR LEASE NAME Prichard-Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface SW SE Section 6-T29N-R8W (830' FSL, 1850' FEL) At proposed prod. zone Same			9. WELL NO. F 1A	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12 miles east of Aztec, New Mexico			10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde Field	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 830			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 6-T29N-R8W	
16. NO. OF ACRES IN LEASE 503			12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320			13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1700			19. PROPOSED DEPTH 5400	
20. ROTARY OR CABLE TOOLS Rotary			21. APPROX. DATE WORK WILL START* 4/15/75	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 6394 GR				

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/8"	10-3/4" OD	32.75#	300	300 sx (circulate)
9"	7" OD	20#	3,000	500 sx
6-1/4"	4-1/2" OD liner	9.5#	2,900-5,400	200 sx

We propose to drill and equip a gas well to an approximate depth of 5400 ft. and complete in the Mesaverde formation.

Well control equipment will comply with API 3 M RdS specifications.



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 Donald B. Bell TITLE Assistant Dist. Prod. Mgr. DATE 1-6-75

(This space for Federal or State office use)

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

APPROVED BY 70 TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

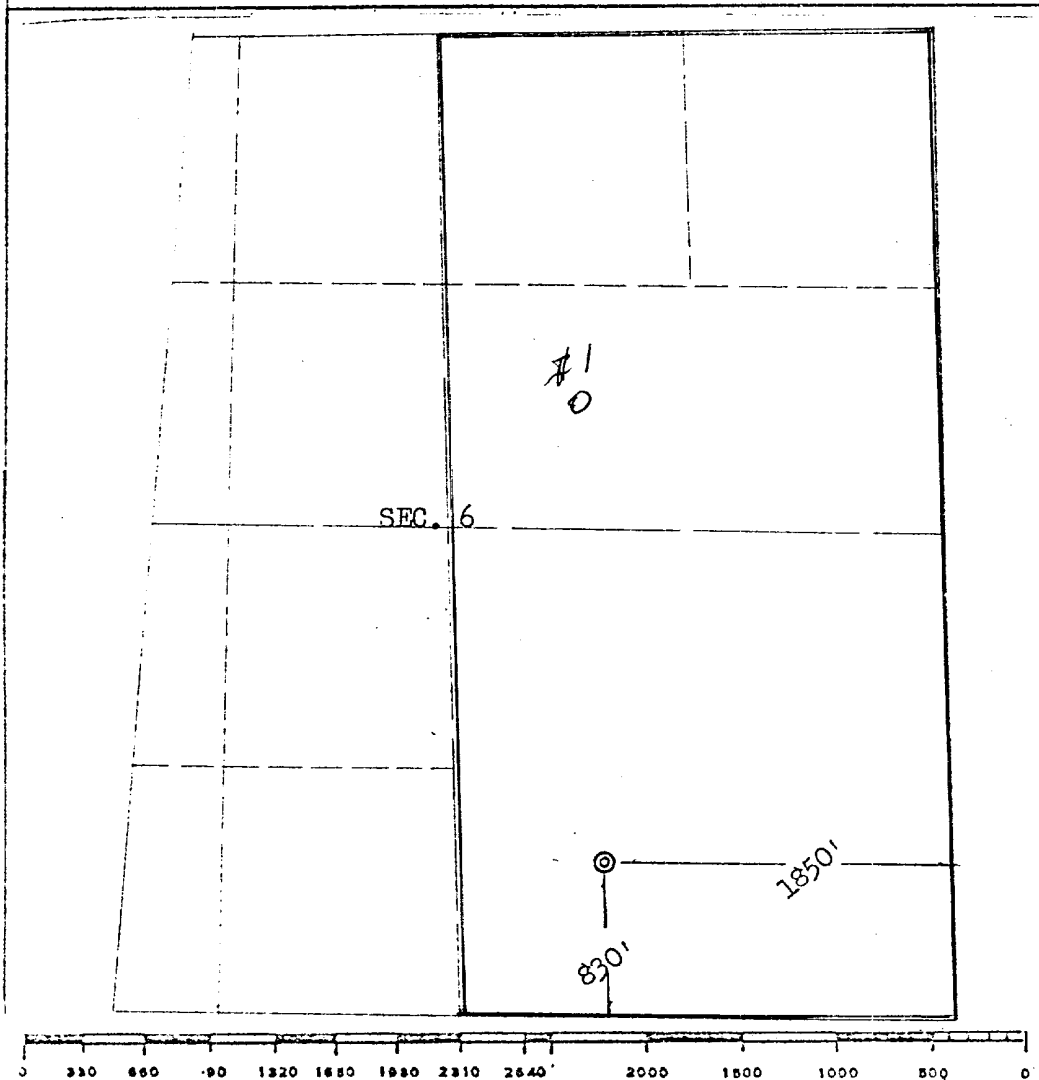
Operator <b>Union Texas Petroleum Corporation</b>			Lease <b>Prichard-Federal</b>		Well No. <b>51A</b>
Unit Letter <b>0</b>	Section <b>6</b>	Township <b>29 North</b>	Range <b>8 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>830</b> feet from the <b>South</b> line and <b>1850</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6394</b>	Producing Formation <b>Mesaverde</b>		Pool <b>Blanco Mesaverde</b>	Dedicated Acreage: <b>323.84</b> <del>320</del> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. 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.

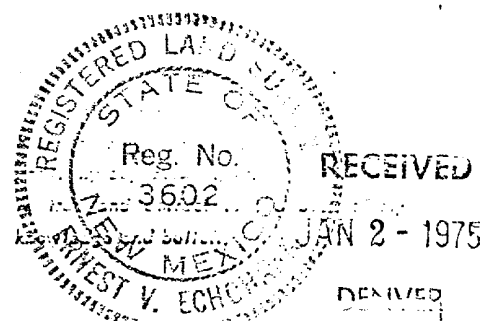


**CERTIFICATION**

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

*Donald B. Wells*

Name  
**Donald B. Wells**  
Position  
**Assistant Dist. Prod. Mgr.**  
Company  
**Union Texas Petroleum**  
Date  
**January 6, 1975**



Date Surveyed  
**December 19, 1974**  
Registered Professional Engineer  
and/or Land Surveyor  
*E.V. Echhawk*  
Certificate No. **3602**  
**E.V. Echhawk LS**

DEVELOPMENT PLAN FOR SURFACE USE

Prichard-Federal #5  
SW SE Section 6-T29N-R8W  
(830' FSL, 1850' FEL)  
Blanco Mesaverde Field  
San Juan County, New Mexico

1. Existing roads including location of the exit from the main highway.  
See topographic map attached.
2. Planned access road.  
See topographic map attached.  
There will not be any new access roads built.
3. Location of existing wells.  
See topographic map attached.
4. Lateral roads to well locations.  
See topographic map attached, with planned laterals shown in red.
5. Location of tank batteries and flow lines.  
Single storage tank will be set as close to well as practicable.
6. Location and type of water supply (rivers, creeks, lakes, ponds, well, etc.)  
There will not be any water lines for drilling this well. Drilling Contractor will haul his own water to the well location.
7. Methods of handling waste disposal.  
Waste will be disposed of in an earthen pit which will be covered with approximately 2' of soil upon completion of this well.
8. Location of camps.  
None.
9. Location of airstrips.  
None.
10. Location of layout to include position of the rig, mud tanks, reserve pits, burn pits, pipe racks, etc.  
See attached plat.  
Drilling pad will be compacted.
11. Plans for restoration of the surface.  
Upon completion of this well, all pits will be covered and the area will be levelled and restored to its natural state.
12. Any other information that may be used in evaluating the impact on environment.  
Include general description of the topography, vegetation, and other aspects of the area.  
Rough sandy and rocky terrain, with little vegetation. Vegetation is sage and salt cedar. Numerous washes over general area.
13. Jack Osborne, telephone AC 303/Mo 867-8409, is our Field Representative responsible for compliance of the Development Plan for Surface Use.

