

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

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AUG 13 1984  
OIL CON. DIV.  
DIST. 3

30-045-26088

Form C-101  
Revised 10-1-78

5A. Indicate Type of Lease  
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.  
B 1107-38

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work 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"/>		2. Name of Operator Union Texas Petroleum Corporation		7. Unit Agreement Name	
3. Address of Operator P.O. Box 1290, Farmington, New Mexico 87499		4. Location of Well UNIT LETTER <u>L</u> LOCATED <u>1850/1804</u> FEET FROM THE <u>South</u> LINE AND <u>974</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>16</u> TWP. <u>31N</u> RGE. <u>11W</u> NMPM		8. Farm or Lease Name Harper	
5. Field and Pool, or Wildcat Blanco Pictured Cliffs		9. Well No. 1		10. Field and Pool, or Wildcat Blanco Pictured Cliffs	
11. County San Juan		12. County San Juan		13. County San Juan	
14. Proposed Depth 2810		15. Formation Pictured Cliffs		16. Rotary or C.T. Rotary	
17. Elevations (Show whether DF, RT, etc.) 5972 GR		18. Kind & Status Plug. Bond Current \$50,000 Blanket		19. Approx. Date Work will start August 15, 1984	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
9-7/8"	New 7-5/8" K-55	26.40#	200 ft.	81 cu.ft. 2% CaCl <sub>2</sub>	Circulated
6-3/4"	New 2-7/8" EUEJ-55	6.50#	2810 ft.	See below	Circulated

We desire to drill this well to the above described program. After cementing surface pipe and testing the casing, we will drill to TD using mud as the circulating medium. Log the well as follows: IES-SP-GR-Neutron-Density-GR-Caliper from TD to the base of the surface casing. Run casing to TD and cement as follows: Lead w/approximately 222 sx (636 cu.ft.) of 65-35 POZ w/12% gel, 2% CaCl<sub>2</sub>, and 2719# of gilsonite followed by approximately 125 sx (148 cu.ft.) of C1 "B" with 2% CaCl<sub>2</sub> to circulate to the surface. WOC. Pressure test the casing and clean out to PBDT. Perforate and fracture the Pictured Cliffs zone. Clean the well up after nipping down the wellhead. Test the well and connect to a gathering system.

A steel trash container will be used at this location and emptied into an approved dump site.

APPROVAL EXPIRES 2-13-85  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS

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 Rudy D. Mollo Title Area Operations Manager Date 8/9/84

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT #3 DATE AUG 13 1984

CONDITIONS OF APPROVAL, IF ANY:

**All distances must be from the outer boundary of the Section.**

Operator UNION TEXAS PETROLEUM CORPORATION		Lease HARPER		Well No. 1
Unit Letter L	Section 16	Township 31 NORTH	Range 11 WEST	County SAN JUAN
Actual Footage Location of Well: 1804 feet from the SOUTH line and 974 feet from the WEST line				
Ground Level Elev. 5971	Producing Formation Pictured Cliffs	Pool Blanco EXT		Dedicated Acreage: SW/4 153.66

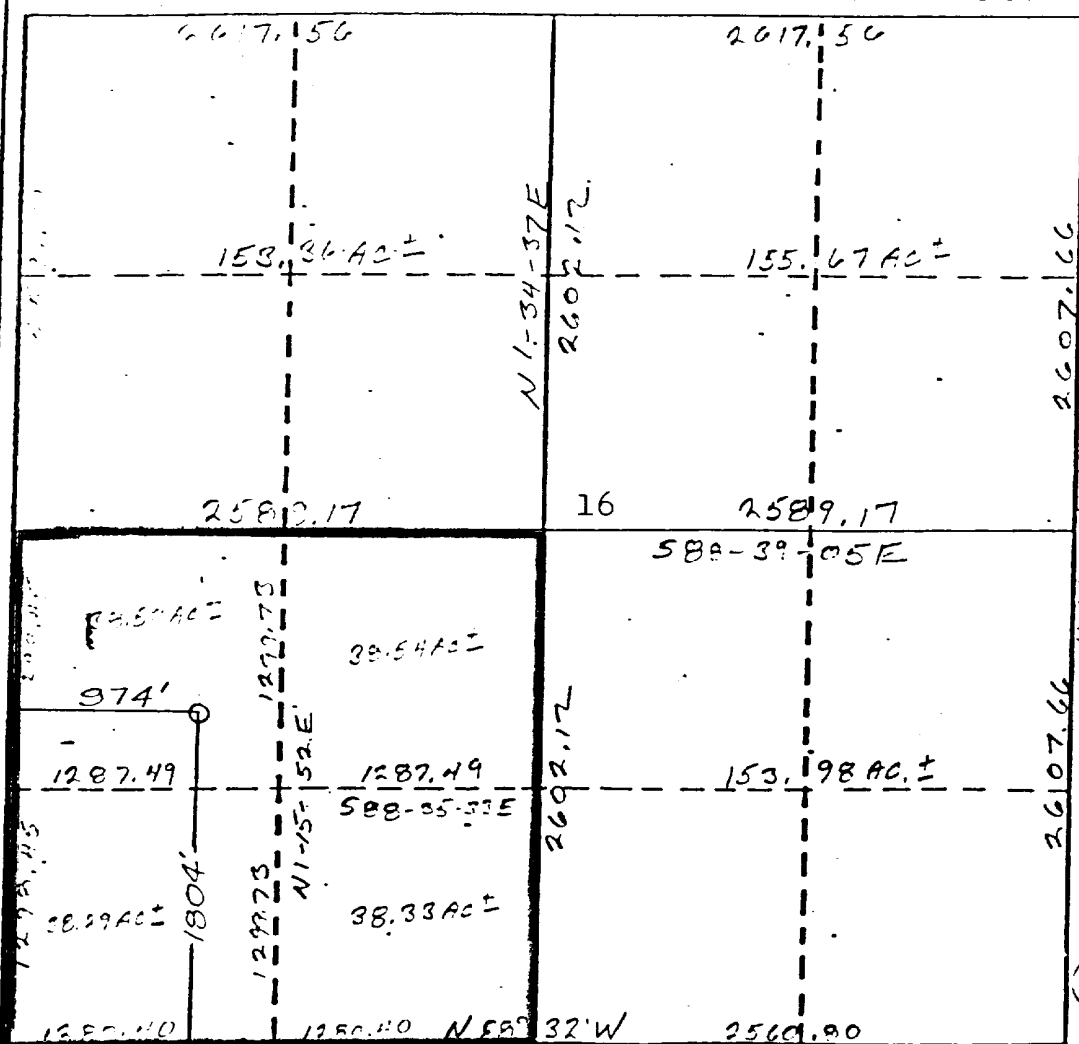
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is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

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.

N 83° 46' 00" W



## CERTIFICATION

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

best of my knowledge and belief

Lucy H. Mott

Name:

Rudy D. Motto

Position

Area Operations Manager

**Company**

Union Texas Petroleum Corp.

Date: \_\_\_\_\_

August 22, 1984

I hereby certify that the well location shown on this plot 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.

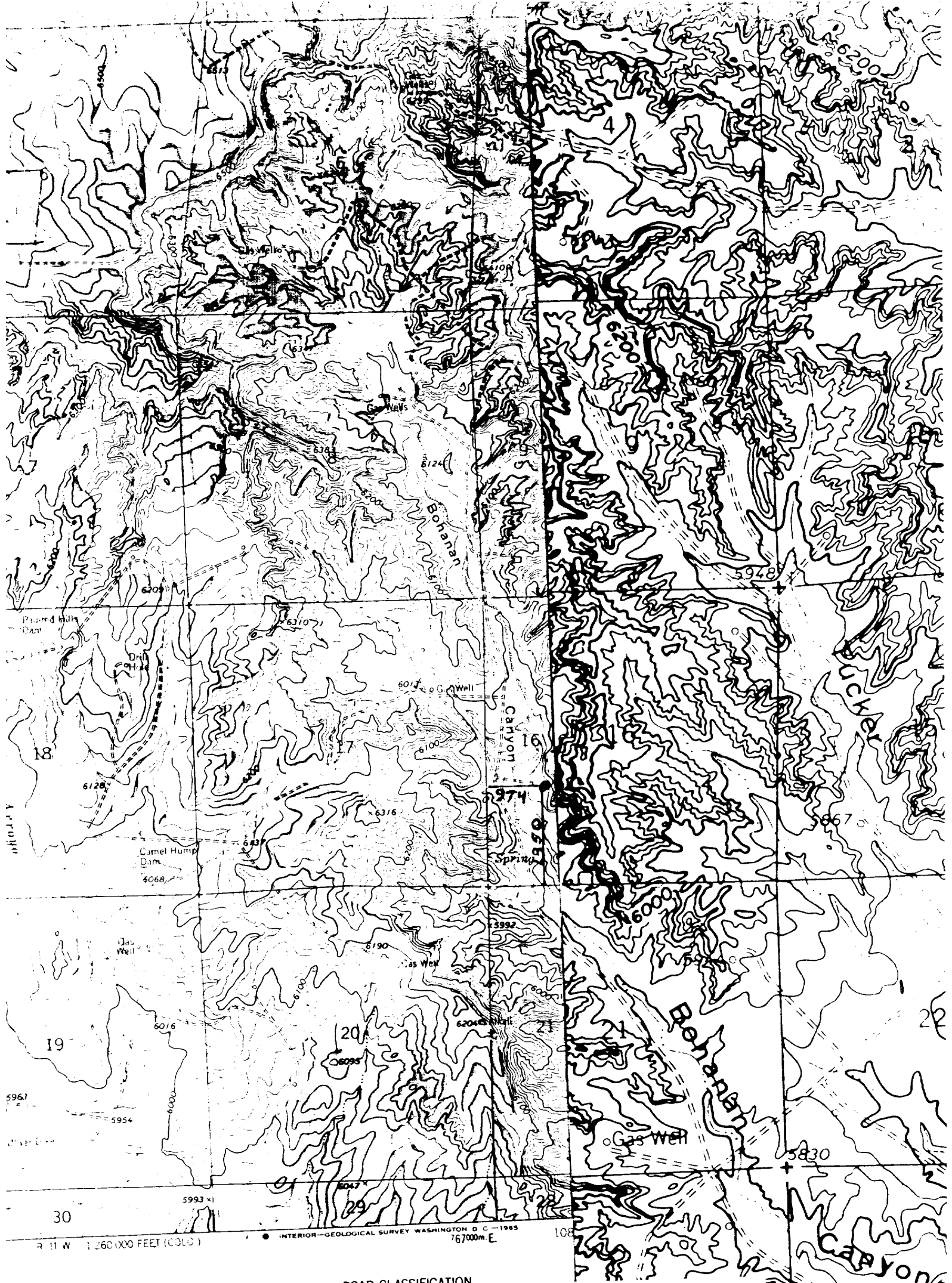
Date Surveyed \_\_\_\_\_

August 17, 1981

Registered Professional Engineer  
and/or Land Surveyor

James P. Leese

Certificate No.  
1463



ROAD CLASSIFICATION

Light-duty-

UNION TEXAS PETROLEUM CORPORATION  
Harper #1  
NW $\frac{1}{4}$ SW $\frac{1}{4}$ , Sec. 16, T31N, R11W, N.M.P.M.,  
San Juan County, New Mexico

NEW MEXICO