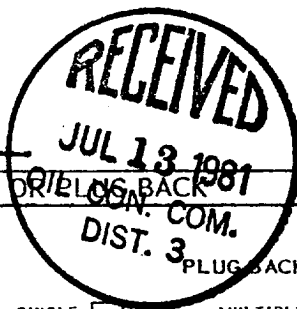


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NEW MEXICO OIL CONSERVATION COMMISSION

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 1-13-82



30-045-25113

Form C-101
Revised 1-4-65

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. Farm or Lease Name Culpepper-Martin	
2. Name of Operator Union Texas Petroleum Corporation		9. Well No. 5-M	
3. Address of Operator 1860 Lincoln Street, Suite 1010, Denver, Colorado 80295		10. Field and Pool, or Wildcat Blanco Mesv & Basin Dakota	
4. Location of Well UNIT LETTER N LOCATED 1500' FEET FROM THE West LINE AND 1000' FEET FROM THE South LINE OF SEC. 31 TWP. 32N RGE. 12W NMPM		12. County San Juan	
1. Elevations (Show whether DP, RT, etc.) 5820' GL		19. Proposed Depth 7200'	19A. Formation Dakota
21A. Kind & Status Plug. Bond	21B. Drilling Contractor Not yet contracted	20. Rotary or C.T. Rotary	
22. Approx. Date Work will start 7/15/81			

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13-1/2"	10-3/4"	40.5#	500' 300	300 sx	Surf
9-7/8"	7-5/8"	26.4#	4000'	860 sx	Surf
6-3/4"	5-1/2" liner	15.5#	7200'	250 sx	3,800' (TOL)
(est TOL 3800')					

1. Drill 13-1/2" hole to 500' with water.
2. Set 10-3/4", 40.5#, J-55 casing at 500' & cement with sufficient cement to circulate to surface (approximately 300 sx).
3. Install BOP's and inspect daily.
4. Drill 9-7/8" hole to approximately 4000' with water, mudding up when necessary. Log back to surface casing.
5. Set 7-5/8", 26.4#, J-55 casing at 4000' and cement with sufficient cement to circulate to surface. (approximately 860 sx).
6. Drill 6-3/4" hole through the Dakota to approximately 7200' with natural gas. Log back to intermediate casing.
7. If found commercially productive, set 5-1/2", 15.5#, J-55 liner from TD to approximately 3800' and cement back to top of liner (approximately 250 sx).
8. Based on log analysis, perforate and complete in Mesaverde & Dakota zones with a packer between the zones.
9. Install production equipment & clean up well site.

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 Thomas P. Belter District Petroleum Engineer Date July 6, 1981

(This space for State Use)

APPROVED BY Frank J. [Signature] DIVISION CONSERVATION FILE 30-045-25113
CONDITIONS OF APPROVAL, IF ANY: SANTA FE

SUPERVISOR DISTRICT # 3

DATE JUL 13 1981

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-107
Revised 10-1-78

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

Operator UNION TEXAS PETROLEUM COMPANY			Lease CULPEPPER-MARTIN		Well No. 5M
Unit Letter N	Section 31	Township 32N	Range 12W	County San Juan	
Actual Footage Location of Well: 1000 feet from the South line and 1500 feet from the West line					
Ground Level Elev: 5820	Producing Formation		Pool	Dedicated Acreage: 310.2 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.

Sec.		31		1500'		1000'		JUL 09 1981 OIL CONSERVATION DIVISION SANTA FE	

Scale: 1"=1000'

CERTIFICATION

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

Name Thomas C. Bolton
Position District Petroleum Engineer
Company Union Texas Petroleum Corp.
Date July 6, 1981

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 June 16, 1981
Registered Professional Engineer and Land Surveyor
Fred B. Kerr Jr.
Certificate No. 3950