

DISTRIBUTION			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
OPERATOR			
PRORATION OFFICE			

NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO REPORT PRODUCTION OF OIL AND NATURAL GAS

Form O-104  
Supersedes O-103 and O-105  
Effective 1-1-55

I.

Operator  
Union Texas Petroleum Corporation  
Address  
1300 Wilco Building, Midland, Texas  
Reason(s) for filing (Check proper box)  
New Well ☐ Change in Transporter of:  
Recompletion ☐ Oil ☒ Dry Gas ☐  
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐  
Other (Please explain)  
If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name J. E. Cato	Well No. 4	Pool Name, including Formation Cato (San Andres)	Kind of Lease State, Federal or Fee Fee	Lease No.
Location Unit Letter B ; 660 Feet From The North Line and 1980 Feet From The East Line of Section 15 Township 8 - S Range 30 E , NMPM, Chaves County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Mobil Pipe Line Company	Address (Give address to which approved copy of this form is to be sent) Box 900 Dallas, Texas 75221					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
If well produces oil or liquids, give location of tanks.	Unit I	Sec. 10	Twp. 8-S	Rge. 30-E	Is gas actually connected? no	When

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'tv.	Diff. Res'tv.
Date Spudded 12-4-66	Date Compl. Ready to Prod. 12-16-66		Total Depth 3600'		P.B.T.D. 3554'			
Elevations (DF, RKB, RT, GR, etc.) Cato	Name of Producing Formation San Andres		Top Oil/Gas Pay 3442'		Tubing Depth 3422'			
Perforations 3442-3473'		3498-3512'		Depth Casing Shoe				
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12 1/4"	8 5/8"		514'		300 sx. - circ.			
7 7/8"	4 1/2"		3587'		500 sx. - TC at 1980'			
	2 3/8"		3422'					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks 12-16-66	Date of Test 12-16-66	Producing Method (Flow, pump, gas lift, etc.) Flow	
Length of Test 12 hrs.	Tubing Pressure 120#	Casing Pressure Pkr	Choke Size 24/64
Actual Prod. During Test 122	Oil - Bbls. 122	Water - Bbls. -	Gas - MCF TSTM

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Flow-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

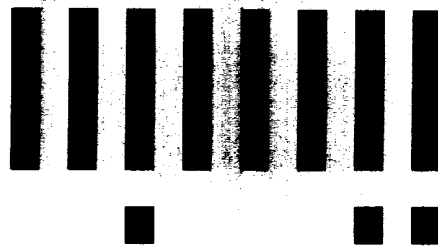
I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

J. W. Hance  
(Signature)  
Production Clerk  
(Title)  
August 10, 1967

OIL CONSERVATION COMMISSION

APPROVED \_\_\_\_\_, 19\_\_\_\_  
BY \_\_\_\_\_  
TITLE \_\_\_\_\_

This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for allowable on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of owner.



**LTR**



**Job separation sheet**

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**NEW MEXICO OIL CONSERVATION COMMISSION**  
**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

**DEC 27 8 00 PM '66**

Form C-105  
Revised 1-1-65

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

1a. TYPE OF WELL						7. Unit Agreement Name	
b. TYPE OF COMPLETION OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____ NEW <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____						8. Farm or Lease Name <b>Cato</b>	
2. Name of Operator <b>Union Texas Petroleum Corporation</b>						9. Well No. <b>4</b>	
3. Address of Operator <b>1300 Wilco Bldg., Midland, Texas</b>						10. Field and Pool, or Wildcat <b>Cato (San Andres)</b>	
4. Location of Well UNIT LETTER <b>B</b> LOCATED <b>660</b> FEET FROM THE <b>North</b> LINE AND <b>1980</b> FEET FROM THE <b>East</b> LINE OF SEC. <b>15</b> TWP. <b>8-S</b> RGE. <b>30-E</b> NMPM						12. County <b>Chaves</b>	
15. Date Spudded <b>12-4-66</b>	16. Date T.D. Reached <b>12-10-66</b>	17. Date Compl. (Ready to Prod.) <b>12-16-66</b>	18. Elevations (DF, RKB, RT, GR, etc.) <b>4131 GL est.</b>	19. Elev. Casinghead <b>4129 GL</b>			
20. Total Depth <b>3600</b>	21. Plug Back T.D. <b>3554</b>	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools <b>0-3600'</b>	25. Was Directional Survey Made <b>No</b>			
24. Producing Interval(s), of this completion - Top, Bottom, Name <b>3442-3473, 3498-3512 San Andres</b>						27. Was Well Cored <b>No</b>	
26. Type Electric and Other Logs Run <b>Gammatron</b>							
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
<b>8-5/8"</b>	<b>28#</b>	<b>514'</b>	<b>12 1/2"</b>	<b>300 sx. - circulated</b>			
<b>4-1/2"</b>	<b>9.5#</b>	<b>3587'</b>	<b>7-7/8"</b>	<b>500 sx. - TC at 1980'</b>			
29. LINER RECORD							
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	30. TUBING RECORD		
					SIZE <b>2-3/8"</b>	DEPTH SET <b>3422</b>	PACKER SET <b>3392</b>
31. Perforation Record (Interval, size and number) <b>3442-3473, 3498-3512 1 hole per ft (45 holes)</b>				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL <b>3442-3473</b> & <b>3498-3512</b> AMOUNT AND KIND MATERIAL USED <b>5000 gals acid 15% NE</b>			
33. PRODUCTION Date First Production <b>12-16-66</b> Production Method (Flowing, gas lift, pumping - Size and type pump) <b>Flow</b> Well Status (Prod. or Shut-in) <b>Shut-in</b> Date of Test <b>12-16-66</b> Hours Tested <b>12</b> Choke Size <b>24/64</b> Prod'n. For Test Period <b>122</b> Oil - Bbl. <b>TSTM</b> Gas - MCF <b>-</b> Water - Bbl. <b>-</b> Gas-Oil Ratio <b>-</b> Flow Tubing Press. <b>120#</b> Casing Pressure <b>Pkr.</b> Calculated 24-Hour Rate <b>244</b> Oil - Bbl. <b>TSTM</b> Gas - MCF <b>-</b> Water - Bbl. <b>-</b> Oil Gravity - API (Corr.) <b>27.0</b>							
34. Disposition of Gas (Sold, used for fuel, vented, etc.) <b>Vented</b>						Test Witnessed By <b>Frank Vasseur</b>	
35. List of Attachments <b>C-104, Inclination Report</b>							
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief. SIGNED <u><i>Jm Abbott</i></u> TITLE <b>Well Test Supervisor</b> DATE <b>12-21-66</b>							

*J*

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

**INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE**

### Southeastern New Mexico

### Northwestern New Mexico

T. Anhy _____	1225	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____		T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____		T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	1640	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____		T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____		T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____		T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	2715	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____		T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____		T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____		T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____		T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____		T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____		T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____		T. _____	T. Chinle _____	T. _____
T. Penn. _____		T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____		T. _____	T. Penn. "A" _____	T. _____

**FORMATION RECORD (Attach additional sheets if necessary)**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	514	514	Dirt, caliche, redbeds				
514	1220	706	Redbeds				
1220	2780	1560	Redbeds; anhy, lime				
2780	3600	820	Lime				