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Form C-105  
Revised 1-1-65

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

5a. Indicate Type of Lease  
State ☒ Fee ☐

5. State Oil & Gas Lease No.  
V-17

1a. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER \_\_\_\_\_

b. TYPE OF COMPLETION  
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER \_\_\_\_\_

7. Unit Agreement Name

8. Farm or Lease Name  
Susco "36" State

2. Name of Operator  
Southern Union Expl. Co. of TX

9. Well No.  
1

3. Address of Operator  
1217 Main Street, Suite 400, Dallas, Texas 75202

10. Field and Pool, or Wildcat  
Inbe Bough C

4. Location of Well  
UNIT LETTER M LOCATED 660 FEET FROM THE S LINE AND 660 FEET FROM

12. County  
Lea

THE W LINE OF SEC. 36 TWP. 10S RGE. 33E NMPM

15. Date Spudded 3/19/81	16. Date T.D. Reached 5/30/81	17. Date Compl. (Ready to Prod.) ---	18. Elevations (DF, RKB, RT, GR, etc.) 4195.3' GR	19. Elev. Casinghead 4197.3
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20. Total Depth 10,000'	21. Plug Back T.D. 9959'	22. If Multiple Compl., How Many ---	23. Intervals Drilled By Rotary Tools <input checked="" type="checkbox"/> Cable Tools <input type="checkbox"/>
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24. Producing Interval(s), of this completion - Top, Bottom, Name  
Production casing parted, well was plugged and abandoned

25. Was Directional Survey Made  
Yes

26. Type Electric and Other Logs Run  
CBL-CCL-GR Neutron

27. Was Well Cored  
Yes

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	61#	386'	17 1/2"	400 sks Class C	
9 5/8"	36# - 40#	3976'	12 1/4"	1500sk Hall.lite&300sk Class C	
5 1/2"	17#	9993'	7 7/8"	490sk HLC, 510sk 50/50 poz	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number) 9879-92', 5389-94', 5200-09', 4781-89', 4669-78', 4072-77', 3579-81', 3551-55'.	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>9879</td> <td>None</td> </tr> <tr> <td>3551</td> <td>500 gallons 7 1/2" HCl</td> </tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	9879	None	3551	500 gallons 7 1/2" HCl
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED						
9879	None						
3551	500 gallons 7 1/2" HCl						

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
Date of Test	Hours Tested	Choke Size
Prod'n. For Test Period	Oil - Bbl.	Gas - MCF
Water - Bbl.	Gas - Oil Ratio	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate
Oil - Bbl.	Gas - MCF	Water - Bbl.
Oil Gravity - API (Corr.)		

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By

35. List of Attachments

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 Pat S. Hamell TITLE Drilling & Production Engineer DATE February 15, 1984

## 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 _____	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 _____	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 3871'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta 5378'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb 6855'	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo 7678'	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp 8920'	T. _____	T. Chinle _____	T. _____
T. Penn. 9653'	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) 9808'	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
3871'	5378'	1507'	Sand				
5378'	6855'	1477'	Sand				
6855'	7678'	823'	Lime				
7678'	8920'	1242'	Lime & Sand				
8920'	9653'	733'	Lime & Sand				
9653'	9808'	155'	Sand				
9808'	9904'	96'	Sand				

# RAILROAD COMMISSION OF TEXAS OIL AND GAS DIVISION

Form W-12  
(1-1-71)

INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report.)		6. RRC District
1. FIELD NAME (as per RRC Records or Wildcat) Inbe Bough C	2. LEASE NAME Susco "36" State	7. RRC Lease Number. (Oil completions only)
3. OPERATOR Southern Union Expl. Co. of TX		8. Well Number 1
4. ADDRESS 1217 Main Street, Suite 400, Dallas, Texas 75202		9. RRC Identification Number (Gas completions only)
5. LOCATION (Section, Block, and Survey) 660' FSL & 660' FWL, Sec 36, T10S, R33E		10. County Lea County, NEW MEXICO

## RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
400	400	1/2	0.87	3.48	3.48
600	200	3/4	1.31	2.62	6.10
894	294	1	1.75	5.15	11.25
1385	491	1/4	0.44	2.16	13.41
1830	445	1/2	0.87	3.87	17.28
2358	528	1/2	0.87	4.59	21.87
2800	442	1/2	0.87	3.85	25.72
3330	530	1/2	0.87	4.61	30.33
3455	125	1/2	0.87	1.09	31.42
3523	68	0	0.00	0.00	31.42
3720	197	3/4	1.31	2.58	31.00
4256	536	3/4	1.31	7.02	47.02
4744	488	3/4	1.31	6.39	47.41
5237	493	3/4	1.31	6.46	53.87
5749	512	3/4	1.31	6.71	60.58
6243	494	6 1/4	10.80	53.35	113.93

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form? ☒ yes ☐ no
18. Accumulative total displacement of well bore at total depth of 9873 feet = 162.92 feet.
- \*19. Inclination measurements were made in - ☐ Tubing ☐ Casing ☒ Open hole ☐ Drill Pipe
20. Distance from surface location of well to the nearest lease line 660 feet.
21. Minimum distance to lease line as prescribed by field rules 660 feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? NO
- (If the answer to the above question is "yes", attach written explanation of the circumstances.)

INCLINATION DATA CERTIFICATION	OPERATOR CERTIFICATION
<p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form.</p> <p><i>Bernard J. Mahony, Sr.</i> Signature of Authorized Representative</p> <p><b>Bernard J. Mahony, Sr., President</b> Name of Person and Title (type or print)</p> <p><b>BJM Drilling &amp; Exploration, Inc.</b> Name of Company</p> <p>Telephone: <u>915</u> <u>684-9732</u> Area Code</p>	<p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form.</p> <p><i>Pat G. Harrell</i> Signature of Authorized Representative</p> <p><b>Pat G. Harrell, Drlg. &amp; Prod. Engineer</b> Name of Person and Title (type or print)</p> <p><b>Southern Union Expl. Co. of TX</b> Name of Company</p> <p>Operator Telephone: <u>214</u> <u>742-6051, Ext. 219</u> Area Code</p>

Railroad Commission Use Only:

Approved By: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

\* designates items certified by company that conducted the inclination surveys.

## RECORD OF INCLINATION (Continued from reverse side)

[illegible]

If additional space is needed, attach separate sheet and check here. ☐

REMARKS:

- INSTRUCTIONS -

An inclination survey made by persons or concerns approved by the Commission shall be filed on a form prescribed by the Commission for each well drilled or deepened with rotary tools or when, as a result of any operation, the course of the well is changed. No inclination survey is required on wells that are drilled and completed as dry holes that are plugged and abandoned. (Inclination surveys are required on re-entry of abandoned wells.) Inclination surveys must be made in accordance with the provisions of Statewide Rule 11.

This report shall be filed in the District Office of the Commission for the district in which the well is drilled, by attaching one copy to each appropriate completion for the well. (except Plugging Report)

The Commission may require the submittal of the original charts, graphs, or discs, resulting from the surveys.