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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 <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
V-18	

1a. TYPE OF WELL	
OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>
1b. TYPE OF COMPLETION	
NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>

7. Unit Agreement Name
8. Farm or Lease Name
Susco Bough "C" Unit

2. Name of Operator
Southern Union Exploration Company of Texas

9. Well No.
2

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

10. Field and Pool, or Wildcat
Inbe Penn

4. Location of Well	
UNIT LETTER <u>E</u> LOCATED <u>660</u> FEET FROM THE <u>West</u> LINE AND <u>1980</u> FEET FROM	

12. County
Lea

5. THE <u>North</u> LINE OF SEC. <u>27</u> TWP. <u>10S</u> RGE. <u>33E</u> NMPM

14. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
7/19/81	9/14/81	11/4/81	4194.1' GR	4196.1'

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
9681'	9660'	---	XX		

24. Producing Interval(s), of this completion - Top, Bottom, Name		25. Was Directional Survey Made
Bough "C", Top - 9617', Bottom - 9640'		Yes

26. Type Electric and Other Logs Run	27. Was Well Cored
DLL/MLL/GR, CNL/CDL/GR, Prolog	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	428'	17 1/2"	420 sks Class C	
9 5/8"	36 & 40	3975'	12 1/4"	1750 sks Howco Lite	
5 1/2"	17	9668'	7 7/8"		

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

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
9622-9636'		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		9622-9636'	500 gals of Mod 101 Acid

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
11/6/81		Pumping (2" x 1 1/4" x 24' Axelson pump)				Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
11/16/81	24	Open	0.3	TSTM	6	---	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
0	0	0.3	TSTM	6	34.3°		

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Vented	Martin Boggs

35. List of Attachments
DLL/MLL/GR & Deviation Survey

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>Pat S. Hamill</u>	TITLE <u>Drilling & Production Engineer</u>	DATE <u>1/4/83</u>

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C.C.D.
HOBBS OFFICE

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 _____ 3765'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 5271'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 6711'	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 7588'	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 8761'	T. _____	T. Chinle _____	T. _____
T. Penn. _____ 9470'	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) 9617'	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach ⁵additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
3765'	5271'	1506	Sand				
5271'	6711'	1440	Sand				
6711'	7588'	877	Lime				
7588'	8761'	1173	Lime & Sand				
8761'	9470'	709	Lime & Sand				
9470'	9617'	147	Sand				
9617'	9681'	64	Sand				

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O.C.C.
HOLDS OFFICE

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 Penn	2. LEASE NAME Susco Bough "C" Unit	7. RRC Lease Number. (Oil completions only)
3. OPERATOR Southern Union Exploration Company of Texas		8. Well Number 2
4. ADDRESS 1217 Main Street, Suite 400, Dallas, Texas 75202		9. RRC Identification Number (Gas completions only)
5. LOCATION (Section, Block, and Survey) Sec 27, T10S, R33E, 660' FWL & 1980' FNL		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)
428	428	1/2	0.87	3.72	3.72
912	484	1/4	0.44	2.13	5.85
1896	984	1/2	0.87	8.56	14.41
2384	488	1/2	0.87	4.25	18.66
2470	86	1/2	0.87	0.75	19.41
2969	499	1/2	0.87	4.34	23.75
3533	564	1-1/2	2.62	14.78	38.53
3975	442	1-1/4	2.16	9.55	48.08
4281	306	1-1/4	2.16	6.61	54.69
4692	411	1	1.75	7.19	64.88
5570	878	2	3.49	30.64	92.52
5770	200	2	3.49	6.98	99.50
6080	310	2-1/4	3.93	12.18	111.68
6307	227	2-1/2	4.36	9.90	121.58
6481	174	2	3.49	6.07	127.65
6957	476	1-3/4	3.05	14.52	142.17

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 9452 feet = 200.72 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 _____ feet.
21. Minimum distance to lease line as prescribed by field rules _____ feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? _____
- (If the answer to the above question is "yes", attach written explanation of the circumstances.)

INCLINATION DATA CERTIFICATION

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.

Bernard J. Mahony, Sr.
Signature of Authorized Representative
Bernard J. Mahony, Sr., President
Name of Person and Title (type or print)
BJM Drilling & Exploration, Inc.
Name of Company
Telephone: 915 684-9732
Area Code

OPERATOR CERTIFICATION

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.

Pat G. Harrell
Signature of Authorized Representative
Pat G. Harrell, Drilling & Production Engineer
Name of Person and Title (type or print)
Southern Union Exploration Company of Texas
Operator
Telephone: 214 742-6051, Ext. 219
Area Code

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.

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re plugged and called

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HOLDS OF
drilled: by 5