

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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-18

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

1b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

7. Unit Agreement Name

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

9. Well No.
2

10. Field and Pool, or Wildcat
Inbe Penn

2. Name of Operator
Southern Union Exploration Company of Texas

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

4. Location of Well

UNIT LETTER **E** LOCATED **660** FEET FROM THE **West** LINE AND **1980** FEET FROM

North LINE OF SEC. **27** TWP. **10S** RGE. **33E** NMPM

12. County
Lea

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

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

24. Producing Interval(s), of this completion - Top, Bottom, Name
Bough "C", Top - 9617', Bottom - 9640'

25. Was Directional Survey Made
Yes

26. Type Electric and Other Logs Run
DLL/MLL/GR, CNL/CDL/GR, Prolog

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	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

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)
9622-9636'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9622-9636'	500 gals of Mod 101 Acid

33. PRODUCTION

Date First Production **11/6/81** Production Method (Flowing, gas lift, pumping - Size and type pump) **Pumping (2" x 1 1/4" x 24' Axelson pump)** Well Status (Prod. or Shut-in) **Prod.**

Date of Test **11/16/81** Hours Tested **24** Choke Size **Open** Prod'n. For Test Period **0.3** Oil - Bbl. **0.3** Gas - MCF **TSTM** Water - Bbl. **6** Gas - Oil Ratio **---**

Flow Tubing Press. **0** Casing Pressure **0** Calculated 24-Hour Rate **0.3** Oil - Bbl. **0.3** Gas - MCF **TSTM** Water - Bbl. **6** Oil Gravity - API (Corr.) **34.3°**

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

Test Witnessed By
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 Pat S. Howell Drilling & Production Engineer TITLE Production Engineer DATE 1/4/83

RECEIVED
JAN 10 1983
C.C.O.
HOBAS 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 <u>3765'</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>5271'</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>6711'</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>7588'</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>8761'</u>	T. _____	T. Chinle _____	T. _____
T. Penn. <u>9470'</u>	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) <u>9617'</u>	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				

RECEIVED

JAN 10 1983

O.C.S.
HOBBS 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
		7. RRC Lease Number. (Oil completions only)
1. FIELD NAME (as per RRC Records or Wildcat) Inbe Penn	2. LEASE NAME Susco Bough "C" Unit	8. Well Number 2
3. OPERATOR Southern Union Exploration Company of Texas		9. RRC Identification Number (Gas completions only)
4. ADDRESS 1217 Main Street, Suite 400, Dallas, Texas 75202		10. County Lea County, New Mexico
5. LOCATION (Section, Block, and Survey) Sec 27, T10S, R33E, 660' FWL & 1980' FNL		

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.)

<p>INCLINATION DATA CERTIFICATION</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 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 Bernard J. Mahony, Sr., President Name of Person and Title (type or print) BJM Drilling & Exploration, Inc. Name of Company Telephone: <u>915</u> <u>684-9732</u> Area Code</p>	<p>OPERATOR CERTIFICATION</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 Pat G. Harrell, Drilling & Production Engineer Name of Person and Title (type or print) Southern Union Exploration Company of Texas 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.

