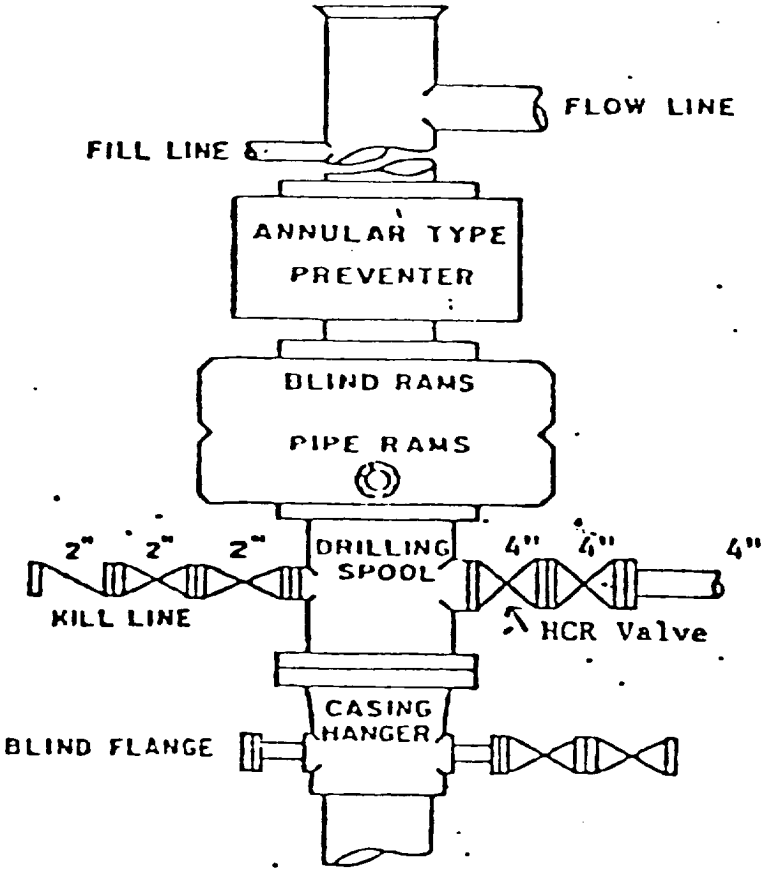
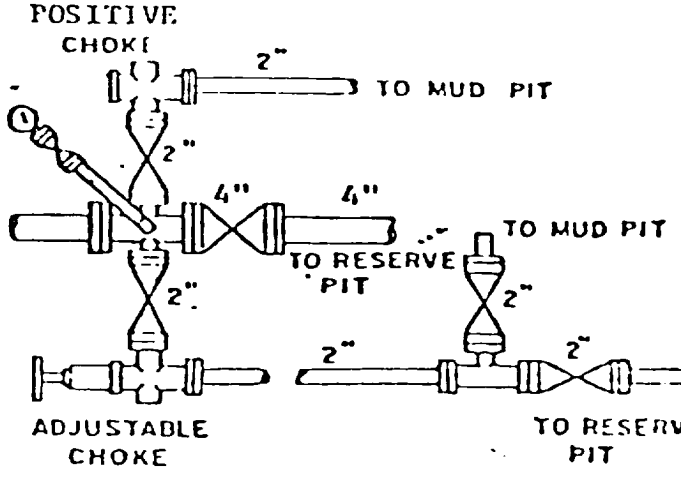
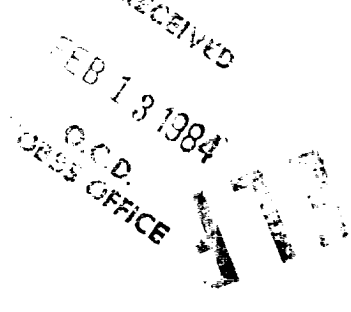

FLOW LINE
FILL LINE
ANNULAR TYPE
PREVENTER
BLIND RAMS
PIPE RAMS
2"
2"
2"
DRILLING
SPOOL
4"
4"
4"
KILL LINE
HCR Valve
CASING
HANGER
BLIND FLANGE


POSITIVE
CHOKE
2"
TO MUD PIT
2"
4"
4"
TO RESERVE
PIT
TO MUD PIT
2"
2"
2"
2"
ADJUSTABLE
CHOKE
TO RESERV
PIT


RECEIVED
FEB 13 1984
O.C.D.
OBBS OFFICE

| DISTRIBUTION | | |
|---|---|---|
| SANTA FE | | |
| FILE | | |
| U.S.G.S. | | |
| LAND OFFICE | | |
| OPERATOR | | |

Revised 1-1-65

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

5a. Indicate Type of Lease: State [X] Fee [ ]

5. State Oil & Gas Lease No.: NM - ~~1634~~ 1364

1a. TYPE OF WELL

b. TYPE OF COMPLETION: OIL WELL [XX] GAS WELL [ ] DRY [ ] OTHER ____ NEW WELL [ ] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

7. Unit Agreement Name:

8. Farm or Lease Name: Kathy Folk

2. Name of Operator: Southern Union Exploration Company

9. Well No.: #1

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

10. Field and Pool, or Wildcat: ~~North~~ ~~Vacuum~~ Wildcat

4. Location of Well

UNIT LETTER H LOCATED 1800 FEET FROM THE North LINE AND 330 FEET FROM THE East LINE OF SEC. 32 TWP. 16S RGE. 35E NMPM

12. County: Lea

| 15. Date Spudded | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.) | 18. Elevations (DF, RKB, RT, GR, etc.) | 19. Elev. Cashinghead |
|---|---|---|---|---|
| 2/26/84 | 3/28/84 | June 9, 1984 | 4000.70' GR | 4002.70' |

| 20. Total Depth | 21. Plug Back T.D. | 22. If Multiple Compl., How Many | 23. Intervals Drilled By | Rotary Tools | Cable Tools |
|---|---|---|---|---|---|
| 11,015' | 10,943' | N/A | → | XX | |

24. Producing Interval(s), of this completion — Top, Bottom, Name: 10,826'-10,834', 10,837'-10,840' and 10,846'-10,860' Lower Wolfcamp

25. Was Directional Survey Made: Yes

26. Type Electric and Other Logs Run: DLL-MLL, GR-CNL-FDC, Diplog

27. Was Well Cored: No

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" | 61.0 | 425' | 17 1/2" | 420 sks class C & $CaCl_2$ | |
| 9 5/8" | 36.0/40.0 | 4844' | 12 1/4" | 200 sks "C"/1700 sks lite | |
| 5 1/2" | 17.0 | 11,015' | 7 7/8" | 875 sks 50/50 poz | |
| | | | | | |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|---|---|---|---|---|
| | | | | |
| | | | | |

30. TUBING RECORD

| SIZE | DEPTH SET | PACKER SET |
|---|---|---|
| 2 7/8" | 10,932' | N/A |
| | | |

31. Perforation Record (Interval, size and number)

10,826'-834' 1 SPF (9 holes)
10,837'-840' 1 SPF (4 holes)
10,846'-860' 1 SPF (15 holes)

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|---|---|
| 10,826-10,860' | 500 gals 15% MCA acid |
| 10,826-10,860' | 2500 gals 15% HCl acid |
| | |
| | |

33. PRODUCTION

| Date First Production | Production Method (Flowing, gas lift, pumping — Size and type pump) | Well Status (Prod. or Shut-in) |
|---|---|---|
| 6/9/84 | Pumping (2 1/2" x 1 1/4" x 34') | Producing |

| Date of Test | Hours Tested | Choke Size | Prod'n. For Test Period → | Oil — Bbl. | Gas — MCF | Water — Bbl. | Gas — Oil Ratio |
|---|---|---|---|---|---|---|---|
| 6/10/84 | 24 | N/A | | 60 | 195 | 34 | 3250/1 |

| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate → | Oil — Bbl. | Gas — MCF | Water — Bbl. | Oil Gravity — API (Corr.) |
|---|---|---|---|---|---|---|
| N/A | N/A | | 60 | 195 | 34 | 38.5° |

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Presently vented - will be sold as soon as pipeline connection is arranged.

Test Witnessed By: Martin Boggs

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 D. Hamill TITLE Drilling & Production Engineer DATE June 13, 1984

## INSTRUCTIONS

This form is to be filled with the appropriate District Office of the Commission not later than [illegible] days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity 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 must be reported for each zone. The form is to be filled 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 | Rustler 1902' | 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 | 3125' | T. Miss | | T. Cliff House | | T. Leadville | |
| T. 7 Rivers | | T. Devonian | | T. Menefee | | T. Madison | |
| T. Queen | 4060' | T. Silurian | | T. Point Lookout | | T. Elbert | |
| T. Grayburg | | T. Montoya | | T. Mancos | | T. McCracken | |
| T. San Andres | 4815' | T. Simpson | | T. Gallup | | T. Ignacio Qtzte | |
| T. Glorieta | 6330' | T. McKee | | Base Greenhorn | | T. Granite | |
| T. Paddock | | T. Ellenburger | | T. Dakota | | T. | |
| T. Blinebry | | T. Gr. Wash | | T. Morrison | | T. | |
| T. Tubb | 7645' | T. Granite | | T. Todilto | | T. | |
| T. Drinkard | | T. Delaware Sand | | T. Entrada | | T. | |
| T. Abo | 8395' | T. Bone Springs | | T. Wingate | | T. | |
| T. Wolfcamp | 10,190' | T. | | T. Chinle | | T. | |
| T. Penn. | | T. | | T. Permian | | T. | |
| T. Cisco (Bough C) | | T. | | T. Penn. "A" | | T. | |

### OIL OR GAS SANDS OR ZONES

No. 1, from 10,823' to 10,910' No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from ..... to .....

No. 3, from ..... to ..... No. 6, from ..... to .....

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from ..... to ..... feet. .....

No 2, from ..... to ..... feet. .....

No. 3, from ..... to ..... feet. .....

No. 4, from ..... to ..... feet. .....

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

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|---|---|---|---|---|---|---|---|
| 0 | 1902' | 1902' | Clay & shale - Redbeds | | | | |
| 1902' | 3125' | 1223' | Anhydrite, salt & gypsum | | | | |
| 3125' | 4815' | 1690' | Shale & sand | | | | |
| 4815' | 7645' | 2830' | Dolomite | | | | |
| 7645' | 8395' | 750' | Sand and dolomite | | | | |
| 8395' | 9240' | 845' | Dolomite and shale | | | | |
| 9240' | 10,190' | 950' | Lime & dolomite | | | | |
| 10,190' | 11,015' | 825' | Lime, shale & chert | | | | |

RECEIVED
JUN 15 1984
O.C.D.
HOBBS OFFICE