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

|                                                                                                                                                                                                                         |  |                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------|--|
| 1a. TYPE OF WELL                                                                                                                                                                                                        |  | 7. Unit Agreement Name        |  |
| OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                              |  | Bronco (Wolfcamp)             |  |
| b. TYPE OF COMPLETION                                                                                                                                                                                                   |  | 8. Farm or Lease Name         |  |
| 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"/> |  | Bronco (Wolfcamp) <i>Unit</i> |  |

|                                   |  |                                |  |
|-----------------------------------|--|--------------------------------|--|
| 2. Name of Operator               |  | 9. Well No.                    |  |
| Tamarack Petroleum Co., Inc.      |  | 9                              |  |
| 3. Address of Operator            |  | 10. Field and Pool, or Wildcat |  |
| P. O. Box 2046, Midland, TX 79702 |  | Bronco Wolfcamp                |  |

|                                                                                                  |  |            |  |
|--------------------------------------------------------------------------------------------------|--|------------|--|
| 4. Location of Well                                                                              |  |            |  |
| UNIT LETTER <u>A</u> LOCATED <u>990</u> FEET FROM THE <u>north</u> LINE AND <u>330</u> FEET FROM |  |            |  |
| THE <u>east</u> LINE OF SEC. <u>2</u> TWP. <u>13-S</u> RGE. <u>38-E</u> 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. Casinghead |
| 9/24/80          | 10/13/80              |                                  | 3788 GR                                | 3788                 |
| 20. Total Depth  | 21. Plug Back T.D.    | 22. If Multiple Compl., How Many | 23. Intervals Drilled By               | Rotary Tools         |
| 9183             | 9148                  |                                  |                                        | 9183                 |
|                  |                       |                                  |                                        | Cable Tools          |
|                  |                       |                                  |                                        | 0                    |

|                                                                   |  |                                 |  |
|-------------------------------------------------------------------|--|---------------------------------|--|
| 24. Producing Interval(s), of this completion — Top, Bottom, Name |  | 25. Was Directional Survey Made |  |
| 9039-9061 Bronco Wolfcamp                                         |  | No                              |  |

|                                      |                    |
|--------------------------------------|--------------------|
| 26. Type Electric and Other Logs Run | 27. Was Well Cored |
| DIFL-SP-CN-CAL-GRN-CDL               | 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                                             | 48             | 325       | 17 1/4    | 350 sxs Class "C" w/2% CaCl <sub>2</sub> | None          |
| 8 5/8                                              | 24 & 32        | 4612      | 12 1/4    | Shoe: 300 sxs HLC & 200 sxs "C"          | None          |
| " "                                                | " "            | DV@ 2258  | 12 1/4    | DV: 300 sxs HLC & 100 sxs "C"            | None          |
| 5 1/2                                              | 17             | 9183      | 7 7/8     | 500 sxs "H", 2% Gel 8# Salt              | None          |

| 29. LINER RECORD |     |        |              | 30. TUBING RECORD |       |                    |
|------------------|-----|--------|--------------|-------------------|-------|--------------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN            | SIZE  | DEPTH SET          |
|                  |     |        |              |                   | 2 3/8 | 9029               |
|                  |     |        |              |                   | 2 7/8 | 2615               |
|                  |     |        |              |                   |       | combination string |

|                                                    |  |                                                |                               |
|----------------------------------------------------|--|------------------------------------------------|-------------------------------|
| 31. Perforation Record (Interval, size and number) |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                               |
| 9039-9061 (12 holes) 0.40" DIA                     |  |                                                |                               |
|                                                    |  | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED |
|                                                    |  | 9039-9061                                      | 250 gal. 15% HCL              |
|                                                    |  |                                                | 15,000 gal. 15% Gelled HCL    |

| 33. PRODUCTION        |                 |                                                                     |                         |            |              |                                |                 |
|-----------------------|-----------------|---------------------------------------------------------------------|-------------------------|------------|--------------|--------------------------------|-----------------|
| Date First Production |                 | Production Method (Flowing, gas lift, pumping — Size and type pump) |                         |            |              | Well Status (Prod. or Shut-in) |                 |
| 11/15/80              |                 | Rod Pump 2"X1 1/4"X24'                                              |                         |            |              | Prod.                          |                 |
| Date of Test          | Hours Tested    | Choke Size                                                          | Prod'n. For Test Period | Oil — Bbl. | Gas — MCF    | Water — Bbl.                   | Gas — Oil Ratio |
| 11/19/80              | 24              | ---                                                                 |                         | 72         | 74           | 72                             | 1028            |
| Flow Tubing Press.    | Casing Pressure | Calculated 24-Hour Rate                                             | Oil — Bbl.              | Gas — MCF  | Water — Bbl. | Oil Gravity — API (Corr.)      |                 |
| ---                   | 40#             |                                                                     | 72                      | 74         | 72           | 43                             |                 |

|                                                            |                   |
|------------------------------------------------------------|-------------------|
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.) | Test Witnessed By |
| Sold                                                       | G. Saling         |

|                         |
|-------------------------|
| 35. List of Attachments |
| Logs                    |

|                                                                                                                                         |                                |                      |
|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------|
| 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>Randy A. Miley</u>                                                                                                            | TITLE <u>District Engineer</u> | DATE <u>11/24/80</u> |

## 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 triplicate 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            | 2250 | T. Canyon        | T. Ojo Alamo          | T. Penn. "B"      |
| T. Salt            | 2338 | T. Strawn        | T. Kirtland-Fruitland | T. Penn. "C"      |
| B. Salt            | 3086 | T. Atoka         | T. Pictured Cliffs    | T. Penn. "D"      |
| T. Yates           | 3100 | 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      | 4495 | T. Simpson       | T. Gallup             | T. Ignacio Qtzite |
| T. Glorieta        |      | T. McKee         | Base Greenhorn        | T. Granite        |
| T. Paddock         |      | T. Ellenburger   | T. Dakota             | T.                |
| T. Blinbry         |      | T. Gr. Wash      | T. Morrison           | T.                |
| T. Tubb            | 7211 | T. Granite       | T. Todilto            | T.                |
| T. Drinkard        |      | T. Delaware Sand | T. Entrada            | T.                |
| T. Abo             | 7893 | T. Bone Springs  | T. Wingate            | T.                |
| T. Wolfcamp        | 9014 | 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<br>in Feet | Formation                    | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|------------------------------|------|----|----------------------|-----------|
| 0    | 25   | 25                   | Soil                         |      |    |                      |           |
| 25   | 2275 | 2250                 | Shale and sand and anhydrite |      |    |                      |           |
| 2250 | 3090 | 840                  | Anhydrite & shale & salt     |      |    |                      |           |
| 3090 | 3210 | 120                  | Sand anhydrite & shale       |      |    |                      |           |
| 3210 | 4495 | 1285                 | Anhydrite & shale            |      |    |                      |           |
| 4495 | 5987 | 1492                 | Dolomite & anhydrite         |      |    |                      |           |
| 5987 | 6205 | 218                  | Sand & shale                 |      |    |                      |           |
| 6205 | 7211 | 1006                 | Dolomite & anhydrite         |      |    |                      |           |
| 7211 | 7360 | 149                  | Sand & shale                 |      |    |                      |           |
| 7360 | 9014 | 1654                 | Limestone anhydrite & shale  |      |    |                      |           |
| 9014 | 9148 | 134                  | Limestone                    |      |    |                      |           |