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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 [X] Fee [ ]

5. State Oil & Gas Lease No.: L-4525

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER

b. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [X] DEEPEN [X] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER Same formation

7. Unit Agreement Name: Not Required

8. Farm or Lease Name: State BTQ

2. Name of Operator: Anderson Oil & Gas Company

9. Well No.: 1

3. Address of Operator: 405 Wall Towers East, Midland, Texas 79701

10. Field and Pool, or Wildcat: Bagley, Penn, No.

4. Location of Well: UNIT LETTER P LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE OF SEC. 33 TWP. 11-S RGE. 33-E 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 |
|---|---|---|---|---|
| Reentered 11-9-70 | 12-10-70 | 12-24-70 | 4,264 Gr. | 4,263 |

| 20. Total Depth | 21. Plug Back T.D. | 22. If Multiple Compl., How Many | 23. Intervals Drilled By | Rotary Tools | Cable Tools |
|---|---|---|---|---|---|
| 11,127 | 10,108 | Single | → | 0 - 11,127 | |

24. Producing Interval(s), of this completion — Top, Bottom, Name: Pennsylvanian 9,341 - 10,017

25. Was Directional Survey Made: No

26. Type Electric and Other Logs Run: Gamma Ray - Neutron

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 | 48 | 325 | 17 1/4 | 325 sx. | None |
| 8 5/8 | 32 | 3,895 | 11 | 3,175 sx. | None |
| 5 1/2 | 17 | 9,890 | 7 7/8 | 600 sx. | None |
| | | | | | |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|---|---|---|---|---|
| 4" | 9,760 | 11,055 | 380 sx. | None |
| | | | | |

30. TUBING RECORD

| SIZE | DEPTH SET | PACKER SET |
|---|---|---|
| 2 3/8 | 9,694 | 9,454 |
| | | |

31. Perforation Record (Interval, size and number)

Penn Perf. w/ 1 JSPF as follows
9,534, 36, 38, 40
9,564, 68, 70, 72, 74
9,648, 50, 52, 54

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|---|---|
| 9,534 - 9,654 | 2,500 g. 20% plus 3,750 gal. |
| | 15% plus 2,500 gal. 3% |
| | DS-30 Acid |
| | |

33. PRODUCTION

| Date First Production | Production Method (Flowing, gas lift, pumping — Size and type pump) | Well Status (Prod. or Shut-in) |
|---|---|---|
| 12-30-1970 | Kobe 4" x 2 3/8" x 2 3/8" | Pumping |

| Date of Test | Hours Tested | Choke Size | Prod'n. For Test Period → | Oil — Bbl. | Gas — MCF | Water — Bbl. | Gas — Oil Ratio |
|---|---|---|---|---|---|---|---|
| 12-31-1970 | 24 | - | | 159 | 200 | 334 | 1,260 |

| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate → | Oil — Bbl. | Gas — MCF | Water — Bbl. | Oil Gravity — API (Corr.) |
|---|---|---|---|---|---|---|
| Pumping | 115 | | 159 | 200 | 334 | 43° |

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

Test Witnessed By: Henry Clingman

35. List of Attachments: Gamma Ray Neutron Log, Acreage Dedication Plat, C-104

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 [signature] TITLE Engineer DATE 1-5-71

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 10 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. Items 30 through 34 shall be reported for each zone. This 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 1,710 | T. Canyon 9,228 | T. Ojo Alamo | T. Penn. "B" | | |
| T. Salt 1,757 | T. Strawn 9,790 | T. Kirtland-Fruitland | T. Penn. "C" | | |
| B. Salt 2,290 | T. Atoka 10,222 | T. Pictured Cliffs | T. Penn. "D" | | |
| T. Yates 2,422 | T. Miss 10,444 | T. Cliff House | T. Leadville | | |
| T. 7 Rivers 2,550 | T. Devonian 11,050 | T. Menefee | T. Madison | | |
| T. Queen | T. Silurian | T. Point Lookout | T. Elbert | | |
| T. Grayburg | T. Montoya | T. Mancos | T. McCracken | | |
| T. San Andres 3,717 | T. Simpson | T. Gallup | T. Ignacio Qtzte | | |
| T. Glorieta 5,100 | T. McKee | Base Greenhorn | T. Granite | | |
| T. Paddock | T. Ellenburger | T. Dakota | T. | | |
| T. Blinebry 5,190 | T. Gr. Wash | T. Morrison | T. | | |
| T. Tubb 6,470 | T. Granite | T. Todilto | T. | | |
| T. Drinkard 6,602 | T. Delaware Sand | T. Entrada | T. | | |
| T. Abo 7,265 | T. Bone Springs | T. Wingate | T. | | |
| T. Wolfcamp 8,390 | T. | T. Chinle | T. | | |
| T. Penn. 8,820 | T. | T. Permian | T. | | |
| T. Cisco (Bough C) 8,900 | T. | T. Penn. "A" | T. | | |

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

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|---|---|---|---|---|---|---|---|
| 0 | 1,710 | 1,710 | Red Beds & Sand | | | | |
| 1,710 | 1,757 | 47 | Anhydrite | | | | |
| 1,757 | 2,290 | 533 | Salt & Anhydrite | | | | |
| 2,290 | 2,422 | 132 | Anhydrite & Lime | | | | |
| 2,422 | 2,550 | 128 | Sand | | | | |
| 2,550 | 3,717 | 1,167 | Anhydrite & Lime | | | | |
| 3,717 | 5,100 | 1,383 | Lime | | | | |
| 5,100 | 5,190 | 90 | Sand & Lime | | | | |
| 5,190 | 6,470 | 1,280 | Lime | | | | |
| 6,470 | 6,602 | 132 | Sand | | | | |
| 6,602 | 7,265 | 663 | Lime | | | | |
| 7,265 | 8,390 | 1,125 | Shale & Lime | | | | |
| 8,390 | 8,820 | 430 | Lime | | | | |
| 8,820 | 10,222 | 1,402 | Lime & Shale | | | | |
| 10,222 | 10,444 | 222 | Shale | | | | |
| 10,444 | 10,988 | 544 | Lime & Chert | | | | |
| 10,988 | 11,050 | 62 | Brown Shale | | | | |
| 11,050 | 11,127 | 77 | Lime | | | | |