Submit to Appropriate District Office State Lease - 6 copies

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-105

| ate Lease - 5 copies e Lease - 5 copies | | | | | | | | | | | Revised 1-1-89 |
|---|------------------------|----------------|---------------|------------------|---------------|--------------------------|-----------------|----------------|-----------------|--------------------|--------------------|
| STRICT I | _ | | | | | 5000 | | | - | | |
| D. Box 1980, Hobbs, N | M 88240 OIL | | | LION DI | AľB LÓ | N 👝 🖫 | 17 | WE | LL API | 10. | |
| STRICT II | | F | P. O. Box | 2089 | No. | - - ♠ | 2 | A | 30-039 | 9-26528 | |
| O. Drawer DD, Artesia, | NM 88210 | Santa F | e, New M | lexico 87,5 | 04-208 | MPR 20 | n4 | ્રે 5. | Indicate | Type of Lease | \ |
| | | | | F | 9 B | | U! | | | STATE X | FEE |
| STRICT III | | | | į. | - 1 25 | | · D | ින් 6. | | & Gas Lease No |). |
| 000 Rio Brazos Rd., Az | | | | <u> </u> | | | | | E-290 | -38 | |
| VELL COMP | LETION OR | RECO | MPLET | ION RE | POR | T AND | LOG | ∀ | | | |
| 1a. TYPE OF WELL: | | | _ | ٠, | Service of | | | 7 | . Lease | Name or Unit Agr | eement Name |
| OIL WELL | GAS WELL 2 | | DRY | OTHER _ | R-115 | 503 | <u> </u> | | | | |
| _ | | | | | 154 | أضميا والمناس | 4- | ! | | | ì |
| b. TYPE OF COMPLE | _ | PLUG | | DIFF | _ | | | | | | |
| | ORK DEEPEN | 1 1 | | RESVR | 1 | OTHER | | | San J | luan 27-5 Unit | |
| WEEK [2] 0 | | | | | | _ | | | | | |
| 2. Name of Operator | | 0.040.00 | NADANY | | | | | 8 | . Well N 40F | 0. | |
| | RESOURCES OIL | & GAS CC | JMPANT | | | · - · · · · · | | | | ame or Wildcat | |
| 3. Address of Operator | or Farmington, NM 8 | 7499 | | | | | | ' | | Daktoa | |
| 4. Well Location | annington, run o | | | | | | | | | | |
| Unit Lette | er N : 1 | 175' Feet F | From The | FSL | | Line and | 1 | 980' | Feet F | rom The | West Line |
| Onk Lekk | " · | 170 10001 | | _: | | | · · · · · · · · | | | | |
| Section | 16 | Towns | ship 2 | 7N | Range | 5 | w N | NMPM | | Rio Arriba | County |
| 10. Date Spudded | 11. Date T.D. Re | | | | | | | KB, RT, GR, e | | 14. Elev. Casingl | |
| 2-2-01 | 2-11-01 | Ì | 4-4-0 |)1 | | 6 | 527' GR, | 6539' KB | | | |
| 15. Total Depth | 16. Plug | Back T.D. | 17. H | Multiple Com | pl. How | 18. Interv | als F | Rotary Tools | | Cable Tools | |
| | | | | Many Zones? | | Drille | ed By | | | | |
| 7803' | 775 | | | | | | | 0-7803' | tional Co | N | |
| 19. Producing Interval | | n - Top, Botto | om, Name | | | | ľ | 20. Was Direc | nonai Su | rvey made | |
| 7500-7736' Dak 21. Type Electric and | | | | | | | | 22 Was Well | as Well Cored | | |
| AIT, CNL, LDT, | | | | | | | ľ | | lo | | |
| | | CASING | RECO | RD (Rep | ort al | strings | s set ir | well) | | | |
| 23. | WEIGHT I | | | H SET | | HOLE SIZI | | | NTING | RECORD | AMOUNT PULLED |
| CASING SIZE 9 5/8" | 32.3# | -D/F 1. | 220' | | | 12 1/4" | | 325 cu.ft. | -111111 | TREGULE | 7 411001111 02223 |
| 7" | 20# | | 3504 | | | 8 3/4" | | 1203 cu.ft. | | | |
| 4 1/2" | 10.5# | | 7799 | 9' | | 6 1/4" | | 622 cu.ft. | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 24. | | LINER RE | CORD | | | | | 25. | | TUBING RE | |
| SIZE | TOP | BOT | TOM | SACKS CE | MENT | SCR | EEN | SIZE | | DEPTH SET | PACKER SET |
| | | | | | | | | 2 3/8" | 41) | 7653 | |
| | | | | 100 400 | | | | (SN @ 762 | | <u> </u> | |
| 26. Perforation | record (interval | , size, and | i number) | | TH INTE | | RE, CEM | ENT, SQUE | ELZE, E | ATERIAL USED | |
| | 26-7546', 7626-76 | 940 , 700U-7 | 1090 | 7500-773 | | | | | | /40 tempered L | |
| 7704-7736' | | | - | 7500-176 | | | 2203 551 | 31K W.C., 40,0 | 300# <u>2</u> 0 | 7-10 tempered t | |
| | | | | | | | | | | | |
| 28. | | - | - | PROE | DUCTI | ON | | | | | |
| Date First Production | Pro | Juction Metho | od (Flowing, | gas lift, pump | | | mp) | We | II Status | (Prod. or Shut-in |) |
| Date i list i locucion | | | Flowing | | | | | Ì | SI | · | |
| Date of Test | Hours Tested | Choke Size | Prod'n for | Oil - | - Bbl. | Gas | - MCF | Water - | ВЫ. | 1 | Gas - Oil Ratio |
| 4-4-01 | 1 1 | | Test Period | 4 | | 1650 M | CF/D Pito | t Gauge | | | |
| Flow Tubing Press. | Casing Pressure | Calculated 2 | 24- | Oil - Bbl | Ga | s - MCF | | ter - Bbl | Oil Gravi | y - API - (Corr.) | |
| SI 2020 | SI 1980 | Hour Rate | l | | 1650 | MCF/D | 1 | | | | |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By | | | | | | | | | | | |
| | To be sold | | | | | | | | | | |
| 30. List Attachments | | | | | | | | | | | |
| | None | | | | | | | | | | |
| 31. I hereby certify (| hat the information s | hown on both | sides of this | s form is true a | and comp | lete to the b | est of my k | nowledge and | l belief | | |
| | /i . / | 11/20 | | nted | | | | | | | |
| Signature | 130444 | MI | Nai | me Peggy | Cole | | _Title | Regulator | y Super | visor | Date <u>4-6-01</u> |
| | | | | | | | | | | | |



INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 25 through 29 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.

| | 9 | outheas | stern New Mexico | | No | rthweste | ern New Mexico |
|---|----------------|-------------------|--|---|--|---|--|
| T. Anhy T. Salt B. Salt T. Yates T. 7 Riven T. Queen T. Graybu T. San An T. Glorieta T. Paddoo T. Blinebn T. Tubb T. Drinkan T. Wolfca T. Wolfca T. Penn T. Cisco (| sg dresa kk_yd | | T. Canyon T. Strawn T. Atoka T. Miss T. Devonian T. Silurian T. Montoya T. Simpson T. McKee T. Ellenburger T. Gr. Wash T. Delaware Sand T. Bone Springs T. T. T. | T. Ojo Alan T. Kirtland- T. Pictured T. Cliff Hou T. Menefee T. Point Lo T. Mancos T. Gallup Base Gree T. Dakota T. Morrisor T. Todilto T. Entrada T. Wingate T. Chinle T. Permiar T. Penn "A | Fruitland Cliffs use 48 50 okout 54 58 64 nhorn 74 | 67' 184' 162' 153' 168' 111' 500' | T. Penn. "B" T. Penn. "C" T. Penn. "D" T. Leadville T. Madison T. Elbert T. McCracken T. Ignacio Otzte T. Granite T. Herfanito Bent - 3838' T. Chacra - 4267' T. Graneros - 7497' T. T. T. T. T. |
| . 0.000 | , | | OIL OR GAS S | ANDS OF | ZONES | | |
| No. 1, fi No. 2, fi Include No. 1, fi No. 2, f No. 3, f | data on r | | to IMPORTANT ater inflow and elevation to which wa to to to to to ITHOLOGY RECORD (At | No. 4, from WATER ster rose in | SANDS hole. feet feet feet | | |
| From | То | Thickness in Feet | Lithology | From | To | Thickness in Feet | |
| | | II) Feet | | 5853 6468 | 6468 7411 | | Dark gry carb sh. Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbedded sh |
| • | | | | 7411 7497 | 7497 7600 | | Highly calc gry sh w/thin lmst Dk gry shale, fossil & carb w/pyrite incl |
| 3838 4267 | 4267 4869 | | White, waxy chalky bentonite Gry fn grn silty, glauconitic sd stone w/drk gry shale | 7600 | 7803 | | Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks |
| 4867 5084 | 5084 5462 | | ss. Gry, fine-grn, dense sil ss. Med-dark gry, fine gr ss, carb sh & coal | | | | |
| 5462 | 5853 | | Med-light gry, very fine gr ss w/frequent sh breaks in lower part | | | | |

Deviation Report

| Name of Company | Address | | | | |
|--|-------------------------------------|----------------|--|--|--|
| Burlington Resources Oil & Gas Company | P.O. Box 4289, Farmington, NM 87499 | | | | |
| Lease Name and Number | Unit Letter | Sec. Twn. Rge. | | | |
| SAN JUAN 27-5 UNIT #40F | -1175 FSL -1980 FWL | 16-027N-005W | | | |
| Pool and Formation | County | State | | | |
| Basin Dakota | RIO ARRIBA | NEW MEXICO | | | |

| Depth (ft) | Deviation (degrees) |
|------------|----------------------------|
| 12 | 0.00 |
| 226 | 0.25 |
| 826 | 0.50 |
| 1,237 | 0.75 |
| 1,728 | 1.00 |
| 2,235 | 1.00 |
| 2,734 | 1.00 |
| 3,236 | 1.00 |
| 3,531 | 1.00 |
| 7,760 | 1.00 |



Air Hammer Used? YES / NO

I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer for Burlington Resources Oil & Gas Company, am authorized by said Company to make this report; and that this report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

Subscribed and sworn to before me this 21th day of February, 2001.

Notary Public in and for San Juan County, New Mexico

My commission expires September 15, 2004.