| Subn Appropriate District Office  |   |                 |                                |                                  |   | -                   | e of New Mexico  |         |             |   | Form C-105  |   |  |                        |                            |                     |                |  |
|---|---|-----------------|--------------------------------|----------------------------------|---|---------------------|--|---------|-------------|---|---|---|--|------------------------|----------------------------|---------------------|----------------|--|
| District 1<br>1625 N. French Dr., Hobbs, NM 88240   |   |                 |                                | Ene                              | Mine                                    | rals and            | and Natural Resources  |         |             |   | July 17, 2008   |   |  |                        |                            |                     |                |  |
| District II<br>1301 W. Grand Avenue, Artesia, NM 88210  |   |                 |                                | Oil Conservation Division        |   |                     |  |         |             |   |   | 30-015-37314  |  |                        |                            |                     |                |  |
| District III<br>1000 Rio Brazos Rd.   | , Azteç, N  | M 87410         |                                | 1220 South St. Francis Dr.       |   |                     |  |         |             |   | 2. Type of Lease ☐ FEE ☐ FED/INDIAN                       |   |  |                        |                            |                     |                |  |
| District IV<br>1220 S. St. Francis D  | r., Santa I   | Fe, NM 875      | 05                             |                                  |   | Sant                | a Fe, Nl   | M 875   | 05          |   |   | 3. State Oil & Gas Lease No.  |  |                        |                            |                     |                |  |
| WELL C  |   | LETIO           | NORI                           | RECC                             | MPL                                     | ETIC                | DN REP   | ORT     | ANE         | DLOG                                      |   |   |  |                        |                            |                     |                |  |
| 4. Reason for filin   | -   |                 |                                |                                  |   |                     |  |         |             |   |   | 5. Lease Name or Unit Agreement Name<br>WELCH RL STATE  |  |                        |                            |                     |                |  |
| 🛛 COMPLETIO   | DN REP  | <b>ORT</b> (Fil | in boxes                       | #1 throu                         | gh #31 1                                | for Sta             | ate and Fee wells only)  |         |             |   | 6. Well Number: 5   |   |  |                        |                            |                     |                |  |
| C-144 CLOS  | URE AT  | TACHM           | ENT (Fil<br>144 closur         | l in boxe                        | s #1 thr                                | ough #              | #9, #15 Date Rig Released and #32 and/or<br>e with 19.15.17.13.K NMAC) |         |             |   |   |   |  |                        |                            |                     |                |  |
| 7. Type of Compl  | etion:  |                 |                                | -                                |   |                     |  |         |             |   |   |   |  |                        |                            |                     |                |  |
| 8. Name of Operat   |   |                 |                                |                                  |   |                     | LUGBACK 🖾 DIFFERENT RESERVOII  |         |             |   | VOIE  | 9. OGRID: 2   | 28199  | 4                      |                            |                     |                |  |
| 10. Address of Op   |   |                 |                                |                                  |   | an Fo               |  |         |             |   | <u> </u>  | 11 Pool name  | or W   | lildoot:               |                            |                     |                |  |
|   |   |                 |                                |                                  |   |                     |  |         |             |   | 11. Pool name or Wildcat:<br>Red Lake, San Andres (97253) |   |  |                        |                            |                     |                |  |
| 12.100000000  | Unit Ltr  | 28 Sect         | ion                            | Township Ran<br>17-S 28-I        |   | Rana<br>28-E        |  |         |             | Feet from the                             |   | N/S Line Feet from t<br>North 2310  |  |                        | ne E/W Line<br>West        |                     | County<br>Eddy |  |
| BH:   |   | 20              |                                | 17-3                             |   | 20-L                | ·  |         |             | 1050                                      |   |   | 231  |                        | west                       |                     | Eddy           |  |
| 13. Date Spudded  | 14. Da  | ate T.D. R      | eached                         | <br>  15. I                      | Date Dri                                | <u>{</u><br>lling F | Rig Released   |         |             | 6. Date Completed                         |   | (Ready to Pro   | fuce 17  |                        | 7. Elevations (DF and RKB, |                     |                |  |
| 11/11/09<br>18. Total Measured  | 11/20/  |                 |                                | 11/21/09                         |   |                     |  | 3/12/13 |             |   | Survey Made   |   | RT, GR, etc.): 3626' GR<br>ype Electric and Other Logs Run |                        |                            |                     |                |  |
| 3625'   | •   |                 |                                | 19. Plug Back Mea<br>CBP @ 3330' |   |                     |  |         |             | 20. Was Directiona<br>Yes                 |   | a Survey Made   |  |                        |                            | on, Density/Neutron |                |  |
| 22. Producing Interval(s), of this completion - Top, Bottom, Name<br>2030'-2346'-Upper San Andres; 2380'-2690'-Middle San Andres; 2732'-3010'-Lower San Andres                      |   |                 |                                |                                  |   |                     |  |         |             |   |   |   |  |                        |                            |                     |                |  |
| 2030 -2340 -0   | pper bi   |                 | <u>cs, 2500</u>                |                                  |   |                     | · · · · · · · · · · · · · · · · · · ·                                  |         |             |   |   | gs set in w   | rell)  |                        |                            |                     |                |  |
| CASING SIZ  | E   |                 | GHT LB./                       |                                  |   | DEPT                | TH SET   |         |             | HOLE SIZE                                 |   | CEMENTING RECORD  |  |                        | AMOUNT PULLED              |                     |                |  |
| <u>8-5/8"</u><br><u>5-1/2"</u>  |   |                 | 4# J-55<br>7# J-55             |                                  |   |                     | 90'<br>512'  |         |             | <u>12-1/4"</u><br>7-7/8"                  |   | 375 sx Cl C<br>350 sx 35/65 Poz/C   |  |                        | 0,                         |                     |                |  |
| 5-1/2   |   | ·               | 1# <b>J-</b> 33                | 3 36                             |   |                     | 12 1-1/8"  |         |             |   | + 400 sx C  |   |  | U                      |                            |                     |                |  |
|   |   |                 |                                |                                  |   |                     |  |         |             |   |   |   |  |                        |                            |                     |                |  |
| 24.   |   |                 |                                |                                  | LIN                                     |                     | ECORD  |         |             |   | 25  |   |  | NG REC                 |                            |                     |                |  |
| SIZE  | TOP   |                 | BO                             | OTTOM SAC                        |   |                     | KS CEME  | NT SC   | REE         | N   | SĽ  | <u>ZE</u><br>7/8"   | _  | <u>EPTH SE</u><br>270' | ET PACKER SET              |                     |                |  |
| 26. Perforation r   | •   | · · · · ·       |                                | nber)                            | <u> </u>                                | I                   | <u> </u>   | 27.     | AC          | ID, SHOT,                                 |   | ACTURE, CE  | بتسلبب   |                        | JEEZE,                     | I<br>ETC.           |                |  |
| 2030'-2346' w<br>2380'-2690' w  |   |                 | -                              |                                  |   |                     |  |         |             | INTERVAL                                  |   | AMOUNT A  |  |                        |                            |                     | & 36 A30#      |  |
| <u>2732'-3010' w</u>  |   |                 | -                              | R                                | EC                                      | Eľ                  | VED  |         | 2030'-2346' |   |   | 3000 gals 15%; fraced w/74,070# 16/30 BW & 36,439#<br>16/30 resin coated sand in 20# X-linked gel |  |                        |                            |                     |                |  |
|   |   |                 |                                | MAR 18                           |   |                     | 2013   | 23      | 2380'-2690' |   |   | 3000 gals 15%; fraced w/72,047# 16/30 BW & 37,768# 16/30 resin coated sand in 20# X-linked gel    |  |                        |                            |                     |                |  |
|   |   |                 |                                |                                  |   |                     | 2752-5010  |         |             | 3010'                                     |   | 3000 gals 15%; fraced w/68,813# 16/30 BW & 29,479<br>16/30 resin coated sand in 20# X-linked gel  |  |                        |                            |                     | & 29,479#      |  |
| 28.   |   |                 |                                | NM                               | OCL                                     | ) Al                | TESP   | ROD     | UC          | TION                                      |   | 1 10/30 10511   | Jouroe   | Suria III 2            |                            | ited gor            |                |  |
| Date First Producti<br>READY  | Product<br>Pumpin   |                 | nod (Fla                       | wing,                            | gas lift, pumping - Size and type pump) |                     |  |         | リー          | Well Status (Prod. or Shut-in)<br>Shut-in |   |   |  |                        |                            |                     |                |  |
| Date of Test  | Hours   | Tested          | Che                            | oke Size                         |   |                     | 'n For   | Oil     | - Bb        | 1   | Ga  | s - MCF   | -<br>. v   | ater - Bb              | <br>I.                     | Gas - (             | Dil Ratio      |  |
| Within 30 days  |   |                 |                                |                                  |   | Test                | Period:  |         |             |   |   |   |  |                        |                            |                     |                |  |
| Flow Tubing<br>Press.   |   |                 | culated 24- Oil - I<br>ur Rate |                                  | Bbl.                                    |                     | Gas - MC   |         |             | Water - Bbl.                              |   | Oil Gravity - API - (Corr.)   |  | r.)                    |                            |                     |                |  |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Vent  |   |                 |                                |                                  |   |                     | 30. Test Witnessed By:<br>Jerry Smith                                  |         |             |   |   |   |  |                        |                            |                     |                |  |
| 31. List Attachmer  | its   | **              |                                |                                  |   |                     | <u> </u>   |         |             |   |   |   | L  |                        |                            |                     |                |  |
| 32. If a temporary  | pit was u   | ised at the     | well, atta                     | ch a plat                        | with the                                | e locat             | ion of the te  | mporary | pit.        |   |   |   |  | ····                   |                            |                     |                |  |
| 33. If an on-site burial was used at the well, report the exact location of the on-site burial:   |   |                 |                                |                                  |   |                     |  |         |             |   |   |   |  |                        |                            |                     |                |  |
| Latitude Longitude NAD 1927 1983   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 NAD 1927 1983 |   |                 |                                |                                  |   |                     |  |         |             |   |   |   |  |                        |                            |                     |                |  |
| Signature   | Signature Mike Lippin Printed<br>Name Mike Pippin Title: Petroleum Engineer Date: 3/13/13 |                 |                                |                                  |   |                     |  |         |             |   |   |   |  |                        |                            |                     |                |  |
| E-mail Address: mike@pippinllc.com  |   |                 |                                |                                  |   |                     |  |         |             |   |   |   |  |                        |                            |                     |                |  |
|   |   |                 |                                |                                  |   |                     |  |         |             |   |   |   |  |                        |                            |                     |                |  |

# INSTRUCTIONS

#### WELCH RL STATE #5 - Recomplete to San Andres

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 and not later than 60 days after completion of closure. When submitted as a completion report, this 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 11, 12 and 26-31 shall be reported for each zone.

#### INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

| Southea                  | stern New Mexico | Northwestern New Mexico |                  |  |  |  |  |
|--------------------------|------------------|-------------------------|------------------|--|--|--|--|
| T. Anhy                  | T. Canyon        | T. Ojo Alamo            | T. Penn A"       |  |  |  |  |
| T. Salt                  | T. Strawn        | T. Kirtland             | T. Penn. "B"     |  |  |  |  |
| B. Salt                  | T. Atoka         | T. Fruitland            | T. Penn. "C"     |  |  |  |  |
| T. Yates                 | T. Miss          | T. Pictured Cliffs      | T. Penn. "D"     |  |  |  |  |
| T. 7 Rivers              | T. Devonian      | T. Cliff House          | T. Leadville     |  |  |  |  |
| T. Queen <u>1210'</u>    | T. Silurian      | T. Menefee              | T. Madison       |  |  |  |  |
| T. Grayburg <u>1630'</u> | T. Montoya       | T. Point Lookout        | T. Elbert        |  |  |  |  |
| T. San Andres 1918'      | T. Simpson       | T. Mancos               | T. McCracken     |  |  |  |  |
| T. Glorieta <u>3315'</u> | T. McKee         | T. Gallup               | T. Ignacio Otzte |  |  |  |  |
| T. Yeso 3409'            | T. Ellenburger   | Base Greenhorn          | T.Granite        |  |  |  |  |
| T. Blinebry              | T. Gr. Wash      | T. Dakota               |                  |  |  |  |  |
| T.Tubb                   | T. Delaware Sand | T. Morrison             |                  |  |  |  |  |
| T. Drinkard              | T. Bone Springs  | T.Todilto               |                  |  |  |  |  |
| T. Abo                   | T                | T. Entrada              |                  |  |  |  |  |
| T. Wolfcamp              | T.               | T. Wingate              |                  |  |  |  |  |
| T. Penn                  | T                | T. Chinle               |                  |  |  |  |  |
| T. Cisco (Bough C)       | T                | T. Permian              |                  |  |  |  |  |

OIL OR GAS SANDS OR ZONES

| No. 1, from   | No. 3, fromtoto |
|---------------|-----------------|
| No. 2, fromto |                 |

### **IMPORTANT WATER SANDS**

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

## LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | То | Thickness<br>In Feet | Lithology   | From | То | Thickness<br>In Feet | Lithology |
|------|----|----------------------|-------------|------|----|----------------------|-----------|
|      |    |                      | - On File - |      |    |                      |           |
|      |    |                      |             |      |    |                      |           |
|      |    |                      |             |      |    |                      |           |
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