| Submit To Appropriate<br>State Lease - 6 copies<br>Fee Lease - 5 copies                                     | e District Offi        | ice R  | ECEN                        | /EF             | State of New Minerals and Na   | lexico<br>tural Re | sources                   |                               |                         |          | Re                   | Form C-105 evised June 10, 2003 |
|---|------------------------|--|-----------------------------|-----------------|--------------------------------|--------------------|---------------------------|-------------------------------|-------------------------|----------|----------------------|---------------------------------|
| District     1625 N. French Dr., Hobbs, NM 88240   1   1   2   7   1   1                                    |                        |  |                             |                 |                                |                    | WELL API NO. 30-015-39683 |                               |                         |          |                      |                                 |
| District II 1301 W. Grand Avenue, Artesia, NM 88210 Oil Conservation Division                               |                        |  |                             |                 |                                | .                  | 5. Indicate Type of Lease |                               |                         |          |                      |                                 |
| 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe NM 87505 |                        |  |                             |                 | STA                            | TE 🛚               | FEE                       |                               |                         |          |                      |                                 |
| District IV<br>1220 S. St. Francis Dr.  |                        |  |                             |                 | Santa Fe, NM 8                 | 3/303              |                           |                               | State Oil &             | Gas Le   | ase No.              |                                 |
| WELL CO   | OMPLE"                 | TION (   | OR RECO                     | MPL             | ETION REPOR                    | RT AND             | LOG                       |                               |                         | L.       |                      |                                 |
| 1a. Type of Well:<br>OIL WEL  | L 🛛 GA                 | AS WELL  | DRY                         |                 | OTHER                          |                    |                           | _                             | 7. Lease Name           | or Unit  | Agreement Na         | me                              |
| b. Type of Comple<br>NEW ⊠ W<br>WELL O  |                        | DEEPE  | N 🔲 PLUG<br>BACH            |                 | DIFF. RESVR.  OTHE             | ER                 |                           |                               |                         | E        | Edward State         | ·                               |
| 2. Name of Operato  |                        |  |                             |                 |                                |                    |                           |                               | 8. Well No.             |          |                      |                                 |
| COG Operati 3. Address of Opera   |                        |  |                             |                 |                                |                    |                           |                               | 9. Pool name or Wildcat |          |                      |                                 |
| 550 W. Texa   | s Ave S                | nite 130   | 0 Midland                   | TX 7            | 9701                           |                    |                           |                               | М                       | aliama   | r; Yeso, We          | st 44500                        |
| 4. Well Location  |                        |  |                             |                 | <i>3101</i>                    |                    | 22/1                      |                               |                         |          | , ,                  |                                 |
| Unit Letter   |                        | 1650   |                             | ,               | South Line                     | e and              | 330                       |                               | Feet From Th            | ne '     | West                 | Line                            |
|   |                        |  |                             |                 |                                |                    |                           |                               |                         |          |                      |                                 |
| Section<br>10. Date Spudded   | 16<br>11. Date T       |  |                             | 17S<br>Date Cor | Range<br>mpl. (Ready to Prod.) |                    |                           | DF&                           | NMPM<br>RKB, RT, GR     | etc.)    | 14. Elev. (          | Lea County Casinghead           |
| 11/2/10   |                        | 1/10/10  |                             |                 | 12/22/10                       |                    |                           | 404                           | 40' GR                  |          |                      | -                               |
| 15. Total Depth   | 16.                    | Plug Bac   | k T.D.                      |                 | Multiple Compl. How ones?      | Many               | 18. Interval              |                               | Rotary Tools            |          | Cable Te             | ools                            |
| 7020  |                        |  | 94                          |                 |                                |                    | Dimed By                  | ,<br>                         | X                       |          |                      |                                 |
| 19. Producing Inter-  | val(s), of thi         | is comple  | tion - Top, Bot<br>5490 - 0 |                 | ame<br>Yeso                    |                    |                           |                               | 2                       | 20. Was  | Directional Sur<br>N |                                 |
| 21. Type Electric ar  | nd Other Lo            |  |                             |                 | FL / HNGS                      |                    |                           |                               | 22. Was Well Cored      |          |                      |                                 |
| 23.   |                        |  |                             |                 | SING RECOR                     | (Re                | ort all s                 | trin                          | gs set in v             | vell)    |                      |                                 |
| CASING SIZE   | 3                      | WEIGHT   | ΓLB,/FT.                    |                 | DEPTH SET                      | HC                 | LE SIZE                   |                               | CEMENTIN                | G RÉCO   | RD AN                | MOUNT PULLED                    |
| 13 3/8  |                        |  | 8                           |                 | 810                            |                    | 17 ½                      |                               | 650                     |          |                      |                                 |
| 8 5/8<br>5 ½  |                        |  | 7                           |                 | 7020                           | 7-7/8              |                           |                               | 600 sx<br>1100 sx       |          |                      |                                 |
| 3 72  |                        | 1  |                             |                 | 7020                           |                    | 7-770                     |                               | 1100                    | - 37     |                      |                                 |
|   |                        |  |                             |                 |                                |                    |                           |                               |                         |          |                      |                                 |
| 24.   | ·                      |  |                             | LIN             | ER RECORD                      | Laaren             |                           | 25.                           |                         |          | RECORD               | L D L OVER OFF                  |
| SIZE  | ТОР                    |  | BOTTOM                      |                 | SACKS CEMENT                   | SCREE              | N                         | SIZ                           | 2-7/8                   | 6532     | H SET                | PACKER SET                      |
|   |                        |  |                             |                 |                                |                    |                           |                               | 2-110                   | 0332     |                      |                                 |
| 26. Perforation re  |                        |  |                             |                 |                                |                    |                           |                               | ACTURE, CE              |          |                      |                                 |
|   | 1 SPF, 26              |  | OPEN                        |                 |                                |                    | INTERVAL                  |                               | AMOUNT A                |          | D MATERIAI           |                                 |
|   | 1 SPF, 26<br>1 SPF, 26 |  | OPEN<br>OPEN                |                 | 5490 - 5610<br>6010 - 6210     |                    |                           | See attachment See attachment |                         |          |                      |                                 |
|   | 1 SPF, 26              |  | OPEN                        |                 | 6280 - 6480                    |                    | -                         |                               | See attachme            |          |                      |                                 |
|   |                        |  |                             |                 |                                | 65:                | 50 – 6750                 |                               |                         | S        | see attachme         | ent                             |
| 28  |                        |  |                             |                 |                                | <u>DDUC</u>        |                           |                               |                         |          |                      |                                 |
| Date First Production   | on                     | P  | roduction Metl              | nod (Fla        | owing, gas lift, pumpin        | g - Size an        | d type pump,              | )                             | Well Status             | (Prod. o | r Shut-in)           |                                 |
| 12/28   |                        |  |                             | ping v          | v/ 2-1/2x2-1/4x20              |                    | <del> </del>              |                               |                         |          | Producing            |                                 |
| Date of Test  | Hours Tes              | ted  | Choke Size                  |                 | Prod'n For<br>Test Period      | Oil – Bb           | 1<br>88                   | Gas                           | – MCF<br>79             | Water    | r – Bbl.<br>407      | Gas – Oil Ratio                 |
| 1/8/11  | 24                     |  |                             |                 |                                |                    |                           | <u> </u>                      |                         |          |                      |                                 |
| Flow Tubing<br>Press.   | Casing Pro             | essure   | Calculated 2<br>Hour Rate   | 24-             | Oil – Bbl.                     | Gas                | – MCF                     |                               | Water – Bbl.            |          | Oil Gravity – A      | PI = (Corr.) 36.3               |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)  |                        |  |                             |                 |                                |                    | Test Wi                   | tnessed By                    |                         |          |                      |                                 |
| 30. List Attachment   | to .                   | ~  |                             | Sc              | old                            |                    |                           |                               |                         |          | Neill U              | reenway                         |
|   |                        |  |                             | L               | ogs, C102, C103,               | Deviatio           | n Report                  | C10                           | )4                      |          |                      |                                 |
| 31 .I hereby certif   | y that the i           | informat   | ion shown on                | both s          | ides of this form as           | true and           | complete to               | the                           | best of my kno          | owledge  | and belief           |                                 |
| Signature E-mail Address  | JUKE                   | 81/1/<br>2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 | choresource                 | •               | Printed<br>Name Chasity Ja     | ackson /           | Title                     | e l                           | Regulatory A            | Analyst  | Dat                  | e 1/11/11                       |
| 15-mail Address   | CJacks                 | ласоп  | choresource                 | s.com           | l                              | K                  | D-                        |                               | 1100 0                  |          |                      |                                 |

## **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

| Southeas           | tern New Mexico  | Northwe               | Northwestern New Mexico |  |  |  |
|--------------------|------------------|-----------------------|-------------------------|--|--|--|
| T. Anhy            | 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 2157      | T. Miss          | T. Cliff House        | T. Leadville            |  |  |  |
| T. 7 Rivers        | T. Devonian      | T. Menefee            | T. Madison              |  |  |  |
| T.Queen 3140       | T. Silurian      | T. Point Lookout      | T. Elbert               |  |  |  |
| T. Grayburg        | T. Montoya       | T. Mancos             | T. McCracken            |  |  |  |
| T. San Andres 3920 | T. Simpson       | T. Gallup             | T. Ignacio Otzte        |  |  |  |
| T. Glorieta 5402   | T. McKee         | Base Greenhorn        | T. Granite              |  |  |  |
| T.Paddock          | T. Ellenburger   | T. Dakota             | T                       |  |  |  |
| T. Blinebry        | T. Gr. Wash      | T. Morrison           | T                       |  |  |  |
| T.Tubb             | T. Delaware Sand | T.Todilto             | T                       |  |  |  |
| T. Drinkard        | T. Bone Spring   | T. Entrada            | Т.                      |  |  |  |
| T. Abo             | T. Morrow        | T. Wingate            | Т.                      |  |  |  |
| T. Wolfcamp        | T. Yeso 5458     | T. Chinle             | T.                      |  |  |  |
| T. Penn            | T.               | T. Permian            | T.                      |  |  |  |
| T. Cisco (Bough C) | Т.               | T. Penn "A"           | T. OIL OR GAS           |  |  |  |

|                             |                                  |   | SANDS OR ZONES |
|-----------------------------|----------------------------------|---|----------------|
| No. 1. from                 | to                               | No. 3, from   | to             |
| No. 2. from                 | to                               | No. 4, from   | to             |
| ·                           | IMPORTA                          | NT WATER SANDS                                      |                |
| Include data on rate of wat | er inflow and elevation to which | water rose in hole.                                 |                |
| No. 1. from                 | to                               | feet  |                |
| No. 2. from                 | to                               | feet  |                |
| No. 3, from                 | to                               | feet  |                |
|                             |                                  | $\operatorname{RD}$ (Attach additional sheet if nec |                |

| From | То | Thickness<br>In Feet | Lithology | From | То | Thickness<br>In Feet | Lithology |
|------|----|----------------------|-----------|------|----|----------------------|-----------|
|      |    |                      |           |      |    |                      |           |
|      |    |                      |           |      |    |                      | •         |
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|      |    |                      |           |      |    |                      |           |
|      |    | 1                    |           |      |    |                      |           |
|      |    | 1                    | !         |      |    |                      |           |
|      |    |                      |           |      |    |                      |           |

## Edward State #11 API#: 30-015-39683 LEA, NM

## RECEIVED JAN 1 9 2011 HOBBSOCD

## C-105 (#27) ADDITIONAL INFORMATION

| 27. ACID, SHOT, FI | RACTURE, CEMENT, SQUEEZE, ETC.                    |
|--------------------|---|
| DEPTH INTERVAL     | AMOUNT AND KIND MATERIAL USED                     |
| 5490 - 5610        | Acidize w/ 3,000 gals acid.                       |
|                    | Frac w/ 98,279 gals gel, 21,369# 16/30 Siberprop, |
|                    | 99,837# 16/30 Ottawa sand.                        |

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |  |  |  |  |  |
|---|--|--|--|--|--|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED                    |  |  |  |  |
| 6010 - 6210                                     | Acidize w/ 3,500 gals acid.                      |  |  |  |  |
|   | Frac w/115,760 gals gel, 31,276# 16/30Siberprop, |  |  |  |  |
|   | 147,089# 16/30 Ottawa sand.                      |  |  |  |  |

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |   |  |  |  |  |
|---|---|--|--|--|--|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED                     |  |  |  |  |
| 6280 - 6480                                     | Acidize w/ 3,500 gals acid.                       |  |  |  |  |
|   | Frac w/113,851 gals gel, 31,683# 16/30 Siberprop, |  |  |  |  |
|   | 146,400# 16/30 Ottawa sand.                       |  |  |  |  |

| 27. ACID, SHOT, FR | RACTURE, CEMENT, SQUEEZE, ETC.               |
|--------------------|--|
| DEPTH INTERVAL     | AMOUNT AND KIND MATERIAL USED                |
| 6550 - 6750        | Acidize w/ 3,500 gals acid.                  |
|                    | Frac w/ 112,049 gals gel, 31,062# 16/30 SLC, |
|                    | 145,562# 16/30 Ottawa sand.                  |