| Submit To Appropriate District Office Two Copies | | | | State of New Mexico | | | | | \neg | Form C-105 | | | | | | | | |
|---|--|---------------------------------------|-----------|---------------------|--------------------------|---------------------------|--------|--|---|--|------------|--|--------|-----------------|--------------|---|-----------|--|
| District I | | Energy Minerals and Natural Resources | | | | | - | July 17, 2008 | | | | | | | | | | |
| Two Copies District I 1625 N French Dr., Hobbs, NM 88240 District II | | | | | | | | 1. WELL API NO. 30-025-39376 | | | | | | | | | | |
| District III 1000 Rto Brazos Rd , Aztec, NM 87410 District III 1000 Rto Brazos Rd , Aztec, NM 87410 A STATE OF THE RESEARCH STATE | | | | | | | | | 2. Type of Lease | | | | | | | | | |
| 1000 Rto Brazos R | i, Aztec, NM | 87410 | 0.000 | | -122 | 20 South St | t. Fra | inci | s Di | r . | L | ☐ STATE ☐ FED/INDIAN | | | | | | |
| District IV 1220 S. St. Francis Dr., Santa Fe, NM 875051 OBBSOCD Santa Fe, NM 87505 | | | | | | | | | 3. State Oil & Gas Lease No. | | | | | | | | | |
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG | | | | | | | | The state of the s | | | | | | | | | | |
| 4. Reason for file | ng: | | | | | | | | | | | 5. Lease Name or Unit Agreement Name Christmas 28 | | | | | | |
| COMPLETI | ON REPOI | RT (Fill in | n boxes i | #1 throu | gh #31 f | for State and Fee | wells | only) |) | | | 6. Well Number: | | | | | | |
| C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC) 7 Type of Completion: | | | | | | | 005 | | | | | | | | | | | |
| NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER | | | | | | | | | | | | | | | | | | |
| 8. Name of Opera | | ioo loo | | | | | | | | | | 9. OGRID 227588 | | | | | | |
| Range Operatir 10 Address of O | | dco, mc. | | | | | | | | | | 11. Pool name or Wildcat | | | | | | |
| | • | | | | 70400 | | | | | | | | | | | | | |
| 100 Throckmort | on St., Ste. Unit Ltr | Section | | tn, IX Townsi | | Range | Lot | | | Feet from t | _ | Blinebry, Drinkard, Wantz; Abo N/S Line Feet from the E/W Line County | | | | | | |
| Surface: | K | | 8 | 22 | | 37E | | | | 2310 | _ | S | | 1800 | | N | Lea | |
| BH: | | - | | | | | - | | \dashv | | \dashv | | | | + | | | |
| 13 Date Spudded | 1 14 Date | T.D. Rea | ched | 15 F | ate Rig | Released | | | 16. | Date Compl | eted | (Ready to Pro | duce) | T l'i | 7. Elevat | ions (DF | and RKB, | |
| 1-16-2010 | 1 | -28-201 | | | · | 1-31-2010 | | | | · · · · · · | 2-2 | 5-2010 | | F | RT, GR, e | tc.) 33 | 49 | |
| 18. Total Measur | | Well | | 19. P | lug Bac | k Measured Dep 7002 | th | | 20. | Was Direct | ional N | Survey Made | | | | pe Electric and Other Logs Run nole Comp, Platform Express | | |
| 22. Producing In | 7050 | thic comp | lation | Ton Rot | tom Na | | | | | | IVI | | | Dorci | 1010 0011 | .p, 1 lati | | |
| 5593 – 5989 | Blinebry C | Dil & Gas | s; 6632 | 2 – 663 | 8 Drin | kard; 6762 – | 6856 | Wai | ntz; | Abo | | | | | | | | |
| 23. | | | | - | CAS | ING REC | ORI | O (R | tepo | rt all str | ing | s set in w | ell) | | | | | |
| CASING SI | ZE | | IT LB./I | FT | | DEPTH SET | | | | LE SIZE | | CEMENTIN | | CORD | AN | | PULLED | |
| 9.625 5.5 | | | 36 17 | 1157 7050 | | | | 12.25 8.675 | | | | 1325 s | sx C | 7/C | | 0 0 | | |
| 3.3 | | | 17 | - | | 7000 | | | | | | 100 sx C 0 | | | | | | |
| | | | | | | | | | | | | | | | | - | | |
| | | | | | | | | | | | | | | | | | | |
| 24. | | | | | LIN | ER RECORD | | Lagr | | | 25. | | | | | | | |
| SIZE | TOP | | BO | TTOM | | SACKS CEM | ENI | SCI | REEN | | SIZ | .E 27/8 | 10 | 611 | | PACK | EKSET | |
| | | | + | | | | | ļ | | | SN | @ 6061 | - | TAC @ | | | | |
| 26. Perforation | record (inte | rval, sıze, | and nu | mber) | | 1 | | 27. | ACI | D, SHOT, | | ACTURE, CI | EMEN | IT, SQL | JEEZE, | ETC. | | |
| 6762-685640 6632-663840 |), 2spf, 42 s | shots | | | | | | DEI | | NTERVAL | | AMOUNT A | | | | USED | | |
| 5986 – 5989 | | | | | 6762-6856 6632 - 6638 | | | | | Acidized w/300 gals 15% HCL Frac w/15,870 gals 30# linear gel, 191,507 gals YF130ST | | | | | | | | |
| Total shots - 87 | | | | 5986 - 5989 | | | | | & 79,239#s 20/40 Ottawa sand. Frac w/109,166 gals 30# linear gel, 223,250 gals | | | | | | | | | |
| | * | | | | | | | | | | | YF130ST & | | | | | | |
| 28 | | | | | | | | | | LION | | | | | | | | |
| Date First Produc | ction | | Product | tion Metl | nod (Fla | owing, gas lift, p | umpin | g - Siz | ze and | type pump) | , | Well Statu | s (Pro | a. or Shu | t-ın) | | | |
| | -2010 | | | Pmpg; ¾" pump | | | | | | Producing | | | | | | | | |
| Date of Test | Hours T | | Che | oke Size | | Prod'n For Test Period | | Oil | - Bbl | . | Gas | - MCF | w | ater - Bb | | Gas - (| Oil Ratio | |
| 3-9-2010 Flow Tubing | | 24 Pressure | Cal | 24/64 lculated 2 | | Oil - Bbl. | | <u> </u> | | MCF | | 281 Water - Bbl. | | 390 T Oil Gr | avity - A | l PI <i>- (Cor</i> | 3469 | |
| Press. | s. Hour Rate | | | | | | | | | | | | | | | | | |
| 29 Disposition of | f Gas (Sold, | used for j | fuel, ven | ted, etc) | | - | | | | | | | 30. | l'est Witr | essed By | | | |
| Sold 31. List Attachm | ents | | | | | | | | | | | | l | | . | | | |
| Inclination survey, C-104, logs C - LE 1 A 32. If a temporary pit was used at the well, attach a plat with the location of the temporary 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 | | | | | | | | | | | | | | | | | | |
| Printed | | | | | | | | | | | | | | | | | | |
| Signature (| The state of the s | | | | | | | | | | | | | | | | | |
| E-mail Addre | ss phale | @range | eresou | urces.c | com | | | | | | | <u> </u> | = | | | | | |
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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 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

| Southeast | ern New Mexico | Northw | Northwestern New Mexico | | | | |
|--------------------------|------------------|--------------------|-------------------------|--|--|--|--|
| T. Anhy 1151' | 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 <u>2692</u> ' | T. Miss | T. Pictured Cliffs | T. Penn. "D" | | | | |
| T. 7 Rivers 2917' | T. Devonian | T. Cliff House | T. Leadville | | | | |
| T. Queen 3431' | T. Silurian | T. Menefee | T. Madison | | | | |
| T. Grayburg 3701' | T. Montoya | T. Point Lookout | T. Elbert | | | | |
| T. San Andres 3952' | T. Simpson | T. Mancos | T. McCracken_ | | | | |
| T. Glorieta 5117' | T. McKee | T. Gallup | T. Ignacio Otzte | | | | |
| T. Paddock 5248' | T. Ellenburger | Base Greenhorn | T.Granite | | | | |
| T. Blinebry <u>5452'</u> | T. Gr. Wash | T. Dakota | | | | | |
| T.Tubb <u>6127'</u> | T. Delaware Sand | T. Morrison | | | | | |
| T. Drinkard 6287' | T. Bone Springs | T.Todilto | | | | | |
| T. Abo <u>6695'</u> | T. | T. Entrada | | | | | |
| T. Wolfcamp | T. | T. Wingate | | | | | |
| T. Penn | T. | T. Chinle | | | | | |
| T. Cisco (Bough C) | T. | T. Permian | OH OB CAS | | | | |

| OIL | UK | GAS |
|--------------|----|-------|
| SANDS | OR | ZONES |

| No. 1, from | toto | No. 3, | from | to | | | | |
|---|------|--------|------|----|--|--|--|--|
| | | | | | | | | |
| No. 2, fromto | | | | | | | | |
| Include data on rate of water inflow and elevation to which water rose in hole. | | | | | | | | |

 No. 1, from.
 to.
 feet.

 No. 2, from.
 to.
 feet.

 No. 3, from.
 to.
 feet.

LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | То | Thickness In Feet | Lithology | From | То | Thickness In Feet | Lithology |
|------|------|----------------------|-----------------------------------|------|----|----------------------|-----------|
| 0 | 1151 | 1151 | Alluvium & Redbeds | | | | |
| 1151 | 2692 | 1541 | Anhydrite & Salt | | | | |
| 2692 | 3540 | 848 | Anhydrite, Shale & Dolomite | · | | | |
| 3540 | 3701 | 161 | Sandstone/Siltstone & Dolomite | | | | |
| 3701 | 4100 | 399 | Sandy Dolomite | | | | |
| 4100 | 5117 | 1017 | Dolomite | | | | |
| 5117 | 5625 | 508 | Shaley, Sandy Dolomite | | | | |
| 5625 | 6472 | 847 | Dolomite | | | | |
| 6472 | 6695 | 223 | Limey Dolomite | | | | |
| 6695 | 7068 | 373 | Silty Dolomitic Limestone w/minor | | | | |
| | | | Anhydrite | | | | |
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