| Office | te of New Mexico | Form C-103 |
|---|---|--|
| <u>District I</u> – (575) 393-6161 Energy, Min 1625 N. French Dr., Hobbs, NM 88240 | nerals and Natural Resources | Revised July 18, 2013 WELL API NO. |
| District II /575) 749 1292 | SERVATION DIVISION | 30-0 4-25724 |
| District III - (505) 334-6178 1220 5 | South St. Francis Dr. | 5. Indicate Type of Lease STATE FEE |
| <u>District IV</u> – (505) 476-3460 | nta Fe, NM 87505 | 6. State Oil & Gas Lease No. |
| 1220 S. St. Francis Dr., Santa Fe, NM 87505 | | E-5386; B-11370; E-3150 |
| SUNDRY NOTICES AND REPOR (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT PROPOSALS.) | O DEEPEN OR PLUG BACK TO A | 7. Lease Name or Unit Agreement Name PUBCO STATE COM |
| 1. Type of Well: Oil Well Gas Well X Oth | ner | 8. Well Number 1A |
| 2. Name of Operator GREAT WESTERN DRILLING | COMPANY | 9. OGRID Number 9338 |
| 3. Address of Operator PO BOX 1659 | | 10. Pool name or Wildcat |
| MIDLAND, TX 79702 4. Well Location | | BLANCO-MESAVERDE (PRORATED GAS |
| | m the SOUTH line and 935 | feet from the EAST line |
| Section 36 Townsh | | NMPM County SAN JUAN |
| | now whether DR, RKB, RT, GR, etc.) | |
| GL 3,869.6 KE | 3 3,8/8 | |
| 12. Check Appropriate Box | to Indicate Nature of Notice, | Report or Other Data |
| NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABAITEMPORARILY ABANDON CHANGE PLANS PULL OR ALTER CASING MULTIPLE COMDOWNHOLE COMMINGLE CLOSED-LOOP SYSTEM OTHER: 13. Describe proposed or completed operations. (of starting any proposed work). SEE RULE 19 proposed completion or recompletion. 1. Hold pre-job safety meeting. Comply with all NM | REMEDIAL WORK COMMENCE DRII CASING/CEMENT OTHER: Clearly state all pertinent details, and 9.15.7.14 NMAC. For Multiple Con | ILLING OPNS. P AND A I JOB I give pertinent dates, including estimated date npletions: Attach wellbore diagram of |
| moving in rig if not rigged to base beam. 2. Check casing, tubing, and Bradenhead pressures. 3. Remove existing piping on casing valve. RU blow necessary. Ensure well is dead or on a vacuum. 4. ND wellhead and NU BOP. Function test BOP. 5. P/U 4-1/2" bit or casing scraper on 2-3/8" work st 6. P/U 4-1/2" CR, TIH and set CR at +/- 4,230'. Precasing to 800 psi. If casing does not test, then spot c7. RU wireline and run CBL with 500 psi on casing new TOC. Email log copy to Brandon Powell at Bra 8. Rig up to pump cement down tubing. Pump wate | ring and round trip as deep as possib ssure test tubing to 1000 psi. Sting o or tag subsequent plugs as appropriat from CR at 4,230' to surface to iden andon.powell@state.nm.us upon cor | ble above top perforation at 4,280'. but of CR. Load hole, and pressure test te. POOH w/ tubing. tify TOC. Adjust plugs as necessary for |
| Spud Date: 08/01/1989 | Rig Release Date: 08/10/1989 | |
| I hereby certify that the information above is true and co | omplete to the best of my knowledge | e and belief. |
| 0 1721/ | TITLE AREA ENGINEER | |
| Type or print name CARY N. BILLINGSLEY For State Use Only | E-mail address: gking@gwdc.cor | m PHONE: (432)682-5241 |
| roi state ose omy | | |
| APPROVED BY: Colored to Impaired (10/25/2022 8:08:09 AM | _TITLE | DATE |

| Enorgy Mi | ate of New Mexico | FortRage 1200f 8 |
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| <u> </u> | nerals and Natural Resources | Revised July 18, 2013 WELL API NO. |
| 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> – (575) 748-1283 | CATRILL TYON DIVING YOU | WELL API NO. 30-0 4-25724 |
| 811 S. First St., Artesia, NM 88210 OIL CON | SERVATION DIVISION | 5. Indicate Type of Lease |
| 1000 Pio Prozos Pd. Aztas, NM 87410 | South St. Francis Dr. | STATE FEE |
| <u>District IV</u> – (505) 476-3460 | inta Fe, NM 87505 | 6. State Oil & Gas Lease No. |
| 1220 S. St. Francis Dr., Santa Fe, NM 87505 | | E-5386; B-11370; E-3150 |
| SUNDRY NOTICES AND REPORT (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT | TO DEEPEN OR PLUG BACK TO A | 7. Lease Name or Unit Agreement Name PUBCO STATE COM |
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| 2. Name of Operator | | 9. OGRID Number |
| 2. Name of Operator GREAT WESTERN DRILLING | G COMPANY | 9338 |
| 3. Address of Operator po BOX 1659 | | 10. Pool name or Wildcat |
| MIDLAND, TX 79702 | | BLANCO-MESAVERDE (PRORATED GAS |
| 4. Well Location | COLUTIA L'AND AND AND AND AND AND AND AND AND AND | C. C. J. FACT. |
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| | ship 31N Range 11W how whether DR, RKB, RT, GR, etc.) | NMPM County SAN JUAN |
| GL 3,869.6 K | STATE OF THE STATE | |
| Consistency of the Consistency o | | |
| 12. Check Appropriate Box | to Indicate Nature of Notice, I | Report or Other Data |
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| PULL OR ALTER CASING MULTIPLE COM | the state of the s | |
| DOWNHOLE COMMINGLE | | |
| CLOSED-LOOP SYSTEM | | |
| OTHER: | OTHER: | |
| | Clearly state all pertinent details, and | |
| | | I give pertinent dates, including estimated date inpletions: Attach wellbore diagram of |
| of starting any proposed work). SEE RULE 1 proposed completion or recompletion. | | |
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| of starting any proposed work). SEE RULE 1 proposed completion or recompletion. 9. Circulate wellbore with 9.5 ppg salt gel. NOTE: 10. Plug 1 (Menefee and Cliff house Perforations 4.) | 9.15.7.14 NMAC. For Multiple Con All Plugs Include 100% excess outsi 230'-3,848', 25 Sacks Type III Ceme | npletions: Attach wellbore diagram of de casing and 50% Excess inside casing |
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| Received by OCD: 10/21/2022 9:2 Submit 1 Copy To Appropriate District | State of New Mexic | 0 | Page 3 of 8 Form C-103 | |
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| Office District I – (575) 393-6161 | Energy, Minerals and Natural | Resources | Revised July 18, 2013 | |
| 1625 N. French Dr., Hobbs, NM 88240 | | WELL AP | I NO. 30-0 4-25724 | |
| <u>District II</u> – (575) 748-1283 811 S. First St., Artesia, NM 88210 | OIL CONSERVATION DI | VISION 5 Indicate | Type of Lease | |
| District III - (505) 334-6178 | 1220 South St. Francis | Dr. STA | | |
| 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> – (505) 476-3460 | Santa Fe, NM 8750 | _ | l & Gas Lease No. | |
| 1220 S. St. Francis Dr., Santa Fe, NM | 1220 S. St. Francis Dr., Santa Fe, NM | | E-5386; B-11370; E-3150 | |
| SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH | | ACK TO A PUBCO ST | ame or Unit Agreement Name ATE COM | |
| PROPOSALS.) 1. Type of Well: Oil Well ☐ Gas Well ☒ Other | | 8. Well N | umber 1A | |
| 2. Name of Operator GREAT WESTERN DRILLING COMPANY | | 9. OGRID | Number 9338 | |
| 3. Address of Operator PO BOX 16 | 550 | 10. Pool n | ame or Wildcat | |
| MIDLAND | TX 79702 | BLANCO- | MESAVERDE (PRORATED GAS | |
| 4. Well Location | | | | |
| Unit Letter_I :: | feet from the SOUTH | line and 935f | eet from the EASTline | |
| Section 36 | Township 31N Range | | County SAN JUAN | |
| | 11. Elevation (Show whether DR, RK GL 3,869.6 KB 3,878 | (B, RT, GR, etc.) | | |
| 12 (1 1 4 | Description National | | Other Date | |
| 12. Check A | Appropriate Box to Indicate Natu | re of Notice, Report or | Other Data | |
| NOTICE OF IN | | | T REPORT OF: | |
| PERFORM REMEDIAL WORK | | EMEDIAL WORK | ALTERING CASING | |
| TEMPORARILY ABANDON PULL OR ALTER CASING | 01000 V 10100 1 1010 1 1010 1 1010 1 1010 1 1010 1 1010 1 1010 1 1010 1 1010 1 1010 1 1010 1 1010 1 1010 1 1010 | OMMENCE DRILLING OPN: ASING/CEMENT JOB | S. P AND A | |
| DOWNHOLE COMMINGLE | MIDELLI COMILE | AOII CO CEMENT TOB | | |
| CLOSED-LOOP SYSTEM | | | | |
| OTHER: | leted operations. (Clearly state all perti | THER: | ant datas including actionated data | |
| | rk). SEE RULE 19.15.7.14 NMAC. F | | | |
| proposed completion or rec- | ompletion. | | | |
| psi; note the volume to load. If B | 309'-Surface, 125 Sacks Type III Cem H annulus holds pressure, then establis | sh circulation out casing valv | e with water. Mix | |
| LD tubing. Shut well in and WO | spot a balanced plug from 309' to surf | ace, circulate good cement of | out of easing valve. TOH and | |
| If BH annulus does not test, then | perforate at the appropriate depth and a | attempt to circulate cement t | o surface filling the casing from | |
| | neeze holes to surface. Shut in well and off wellhead. Fill annuli with cement | | parker to comply with | |
| regulations. Record GPS coordin | ate for P&A marker on tower report. I | | | |
| location per BLM stipulations. | | | | |
| | | | | |
| | | | | |
| | | | | |
| Spud Date: 08/01/1989 | Rig Release Date: | 08/10/1989 | | |
| 00/01/1707 | | | | |
| | | | | |
| I hereby certify that the information | above is true and complete to the best | of my knowledge and belief. | | |
| | 11 | | | |
| SIGNATURE / W.//(| MAGON TITLE AREA EN | IGINEER | DATE 10/22/2022 | |
| Type or print name CARY N. BILL | INGSLEY E-mail address: c | king@gwdc.com | PHONE: (432)682-5241 | |
| For State Use Only | 2 man address. | DV7D 44,444 | | |
| ADDDOVED DV | TITLE | | DATE | |
| APPROVED BY: Released to Infraint (10/25/2022) | 8:08:09 AM | | DATE | |

Plug And Abandonment Procedure

Pubco State A-1

1690' FSL & 935' FEL, Section 36, 31N, 11W

San Juan County, NM / API 30-045-27248

- 1. Hold pre-job safety meeting. Comply with all NMOCD, BLM safety and environmental regulations. Test rig anchors prior to moving in rig if not rigged to base beam.
- 2. Check casing, tubing, and Bradenhead pressures.
- 3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.
- 4. ND wellhead and NU BOP. Function test BOP.
- 5. P/U 4-1/2" bit or casing scraper on 2-3/8" work string and round trip as deep as possible above top perforation at 4,280'.
- 6. P/U 4-1/2" CR, TIH and set CR at +/- 4,230'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. POOH w/ tubing.
- 7. RU wireline and run CBL with 500 psi on casing from CR at 4,230' to surface to identify TOC. Adjust plugs as necessary for new TOC. Email log copy to Brandon Powell at Brandon.powell@state.nm.us upon completions of logging operations.
- 8. Rig up to pump cement down tubing. Pump water to establish rate down tubing.
- Circulate wellbore with 9.5 ppg salt gel.
 NOTE: All Plugs Include 100% excess outside casing and 50% Excess inside casing
- 10. Plug 1 (Menefee and Cliff house Perforations 4,230'-3,848', 25 Sacks Type III Cement)

 ${\rm Mix}\,25\,{\rm sx}\,{\rm Type}$ III cement and spot a balanced plug inside casing to cover the Menefee and Cliff House perforations.

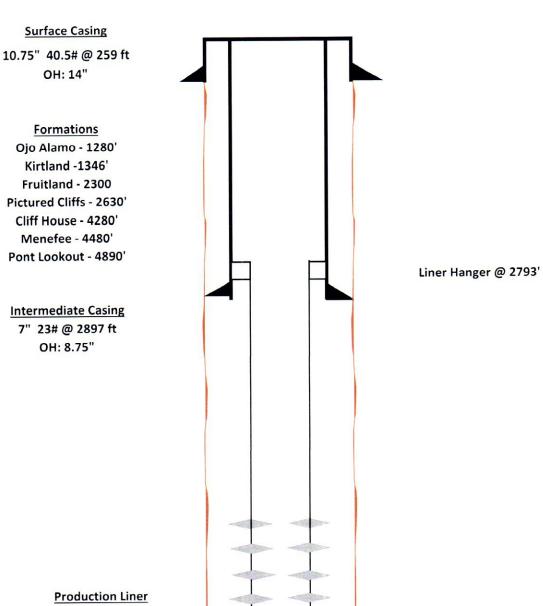
- Redelveding accounterwardieste scassing Shoe, Liner Hanger, and Pictured Cliffs Forgration & Top 2,947'-2,530', 68 Sacks Type III Cement)
 - Mix 68 sx Type III cement and spot a balanced plug inside casing to cover the intermediate casing shoe, the liner hanger, and the Pictured Cliffs formation top.
 - 12. Plug 3 (Fruitland Formation Top 2350'-2195', 25 Sacks Type III Cement) Mix 25 sx Type III cement and spot a balanced plug inside casing to cover the Fruitland formation top.
 - 13. Plug 4 (Kirtland and Ojo Alamo Formation Top 1,396'-1,180', 35 Sacks Type III Cement)

Mix 35 sx Type III cement and spot a balanced plug inside casing to cover the Kirtland and Ojo Alamo formation top.

- 14. Plug 5 (Surface Casing Shoe 309'-Surface, 125 Sacks Type III Cement)
 - Attempt to pressure test the bradenhead annulus to 300 psi; note the volume to load. If BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 125 sx cement and spot a balanced plug from 309' to surface, circulate good cement out of casing valve. TOH and LD tubing. Shut well in and WOC. If BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 309' and the annulus from the squeeze holes to surface. Shut in well and WOC.
- 15. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and restore location per BLM stipulations.

Existing Wellbore Diagram

Great Western Drilling Co
Pubco State Com A-1
API: 30-045-27248
San Juan County, New Mexico



Perforations

4280 feet - 4770 feet

Production Liner
4.5" 10.5# @ 5258 feet
OH: 6.25"

Proposed Wellbore Diagram

Great Western Drilling Co Pubco State Com A-1 API: 30-045-27248 San Juan County, New Mexico

Surface Casing

Plug 5

309 feet - surface 309 foot plug 125 Sacks of Type III Cement

Plug 4

1396 feet - 1180 feet 216 foot plug 35 Sacks of Type III Cement

Plug 3

2350 feet - 2195 feet 155 foot plug 25 Sacks of Type III Cement

Plug 2

2947 feet - 2530 feet 417 foot plug 68 Sacks of Type III Cement

Plug 1

4230 feet - 3848 feet 382 foot plug 25 sacks of Type III Cement

Perforations

4280 feet - 4770 feet

10.75" 40.5# @ 259 ft OH: 14"

Formations

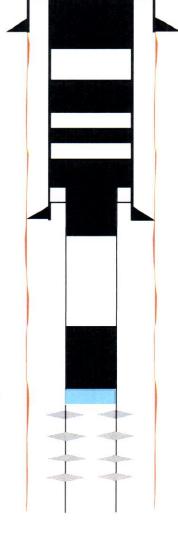
Ojo Alamo - 1280' Kirtland - 1346' Fruitland - 2300 Pictured Cliffs - 2630' Cliff House - 4280' Menefee - 4480' Pont Lookout - 4890'

Intermediate Casing

7" 23# @ 2897 ft OH: 8.75"

Cement Retainer @ 4230'

Production Liner 4.5" 10.5# @ 5258 feet OH: 6.25"



Liner Hanger @ 2793'

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 152421

CONDITIONS

| Operator: | OGRID: |
|---------------------------|-------------------------------------|
| GREAT WESTERN DRILLING CO | 9338 |
| P.O. Box 1659 | Action Number: |
| Midland, TX 79701 | 152421 |
| | Action Type: |
| | [C-103] NOI Plug & Abandon (C-103F) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| kpickford | Notify NMOCD 24 Hours Prior to beginning operations | 10/25/2022 |