

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103

Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-0 4-25724
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-5386; B-11370; E-3150
7. Lease Name or Unit Agreement Name PUBCO STATE COM
8. Well Number 1A
9. OGRID Number 9338
10. Pool name or Wildcat BLANCO-MESAVERDE (PRORATED GAS)

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 PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
GREAT WESTERN DRILLING COMPANY

3. Address of Operator
PO BOX 1659
MIDLAND, TX 79702

4. Well Location
 Unit Letter I : 1690 feet from the SOUTH line and 935 feet from the EAST line
 Section 36 Township 31N Range 11W NMPM County SAN JUAN

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
 GL 3,869.6 KB 3,878

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

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.

Spud Date: 08/01/1989

Rig Release Date: 08/10/1989

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Cary N. Billingsley TITLE AREA ENGINEER DATE 10/20/2022

Type or print name CARY N. BILLINGSLEY E-mail address: gking@gwdc.com PHONE: (432)682-5241

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240

Energy, Minerals and Natural Resources

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WELL API NO.

30-0 4-25724

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

E-5386; B-11370; E-3150

7. Lease Name or Unit Agreement Name
PUBCO STATE COM

8. Well Number 1A

9. OGRID Number
933810. Pool name or Wildcat
BLANCO-MESAVERDE (PRORATED GAS)

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TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
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CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

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COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

9. 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) Mix 25 sx Type III cement and spot a balanced plug inside casing to cover the Menefee and Cliff House perforations.

11. Plug 2 (Intermediate Casing Shoe, Liner Hanger, and Pictured Cliffs Formation 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.

Spud Date: 08/01/1989

Rig Release Date: 08/10/1989

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Cary N. Billingsley

TITLE AREA ENGINEER

DATE 10/21/2022

Type or print name CARY N. BILLINGSLEY

E-mail address: gking@gwdc.com

PHONE: (432)682-5241

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APPROVED BY:

TITLE

DATE

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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

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.

Spud Date: 08/01/1989

Rig Release Date: 08/10/1989

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Cary N. Billingsley TITLE AREA ENGINEER DATE 10/22/2022

Type or print name CARY N. BILLINGSLEY E-mail address: gking@gwdc.com PHONE: (432)682-5241

For State Use Only

APPROVED BY: _____ TITLE _____ 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.
9. 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**)
Mix 25 sx Type III cement and spot a balanced plug inside casing to cover the Menefee and Cliff House perforations.

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

Surface Casing

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

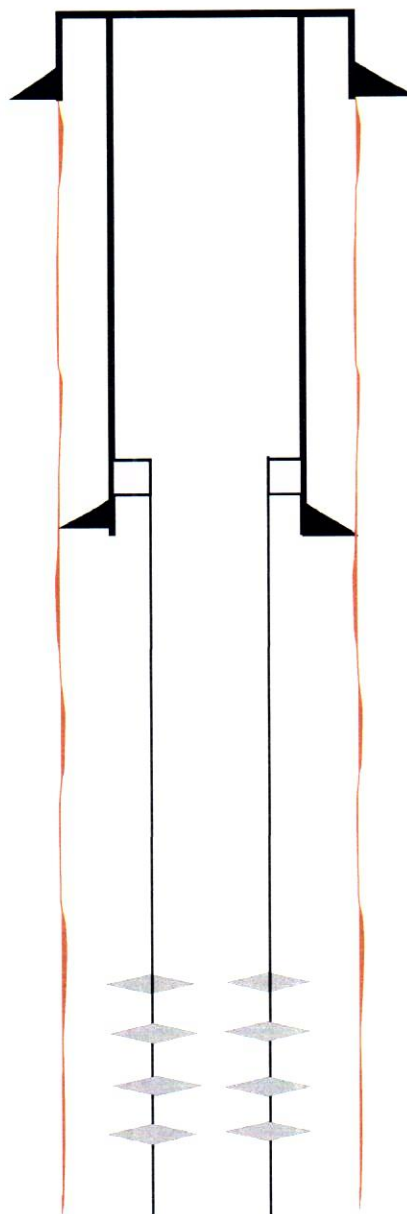
7" 23# @ 2897 ft
OH: 8.75"

Perforations

4280 feet - 4770 feet

Production Liner

4.5" 10.5# @ 5258 feet
OH: 6.25"



Liner Hanger @ 2793'

Proposed Wellbore Diagram

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

Surface Casing

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"

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

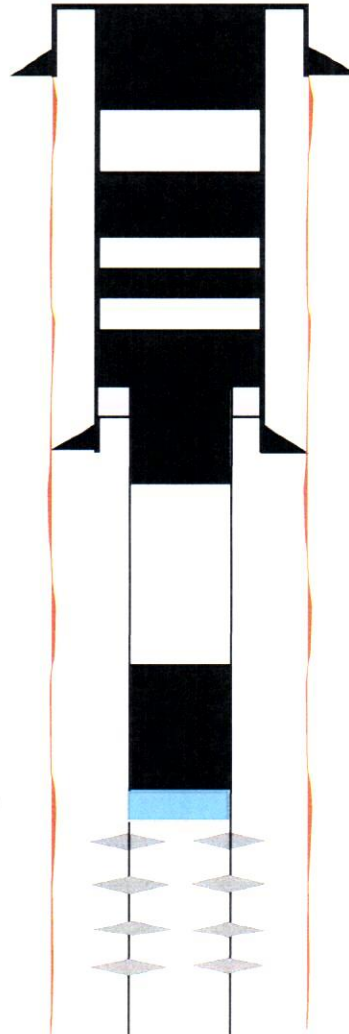
2947 feet - 2530 feet
 417 foot plug
 68 Sacks of Type III Cement

Plug 1

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

Perforations

4280 feet - 4770 feet



Liner Hanger @ 2793'

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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: GREAT WESTERN DRILLING CO P.O. Box 1659 Midland, TX 79701	OGRID: 9338
	Action Number: 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