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

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

Form C-103
Revised July 18, 2013

WELL API NO. 30-005-60768

5. Indicate Type of Lease STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: Twin Lakes San Andres Unit

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

8. Well Number 041

2. Name of Operator: Blue Sky NM Inc.

9. OGRID Number: 300825

3. Address of Operator: 7941 Katy Freeway Suite 522 Houston, TX 77024

10. Pool name or Wildcat: Cato; San Andres

4. Well Location
Unit Letter J 1650 feet from the S line and 2310 feet from the E line
Section 31 Township 08S Range 29E NMPM County Chaves

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☒
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			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.

NMOCD has plugged well according to attached EOW files and wellbore diagram.

Spud Date: Rig Release Date:

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

SIGNATURE TITLE Authorized Representative DATE 10/31/22

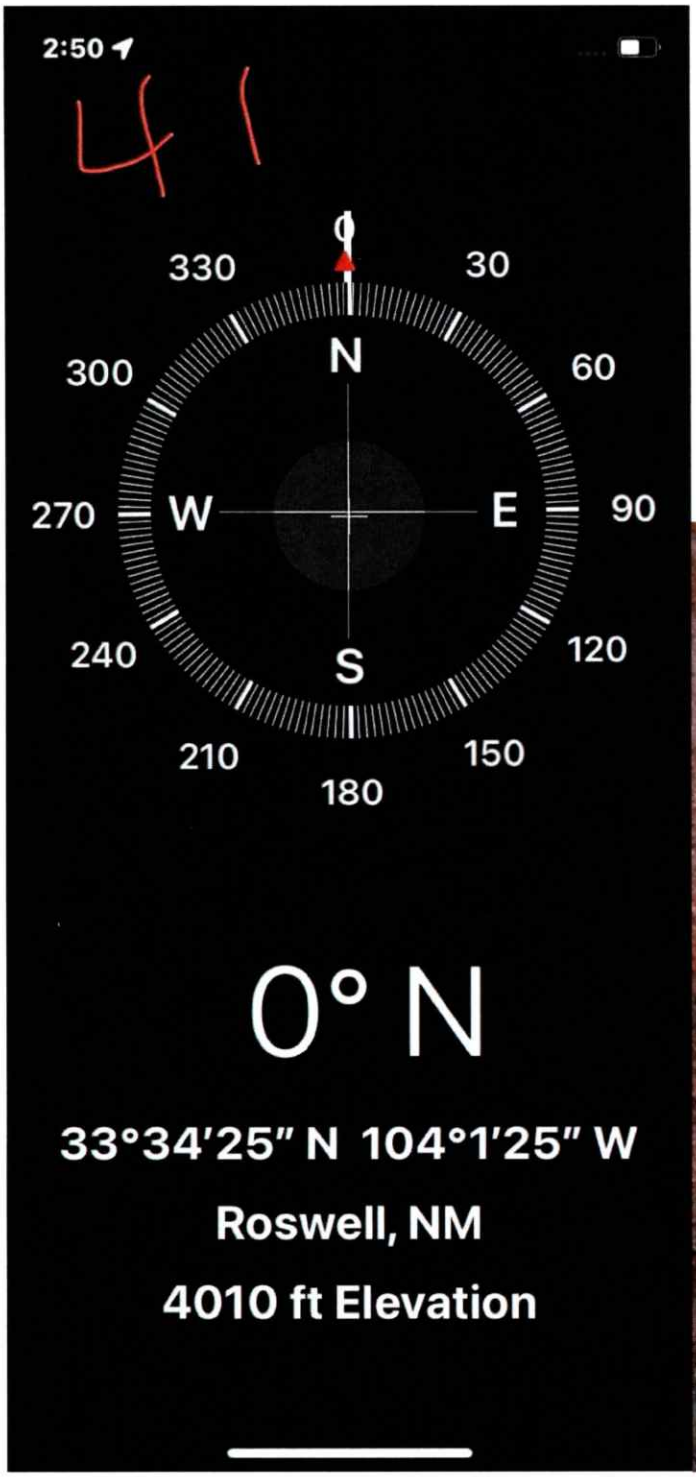
Type or print name Drake McCulloch E-mail address: drake@dwsrigs.com PHONE: 505 320 1180

For State Use Only

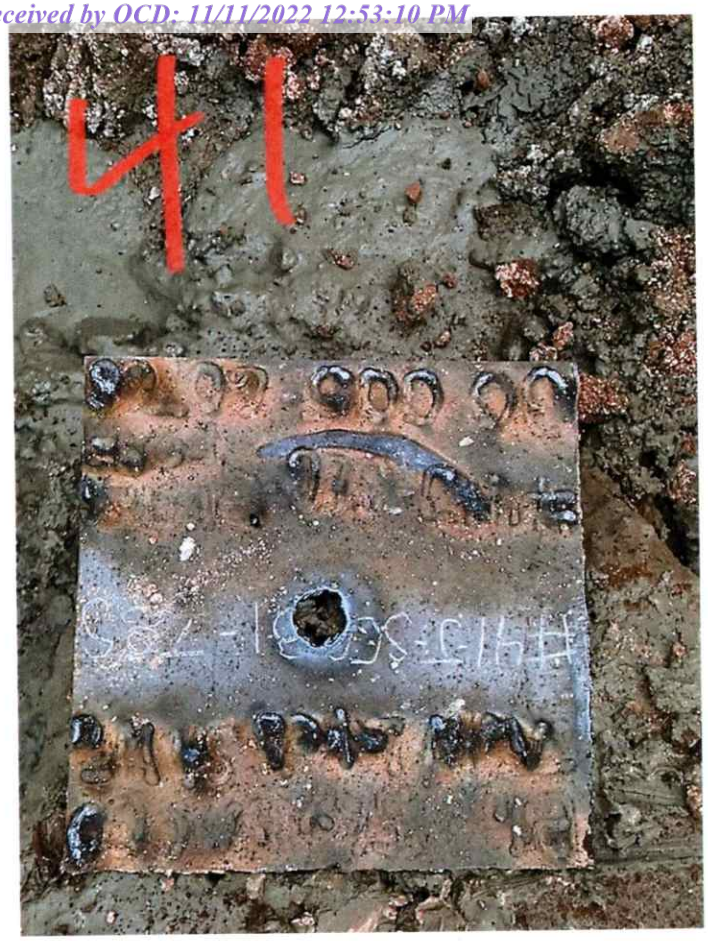
APPROVED BY: TITLE DATE

Conditions of Approval (if any):

Accepted for record – NMOCD
JRH 05/03/2023


2:50
41
330
30
300
60
270
W
E
90
240
120
S
210
150
180
0° N
33°34'25" N 104°1'25" W
Roswell, NM
4010 ft Elevation


41


4T

Blue Sky NM, INC.

Plug And Abandonment End Of Well Report

Twin Lakes San Andres Unit #041

1650' FSL & 2310' FEL, Section 31, 08S, 29E

Chaves County, NM / API 30-005-60768

Work Summary:

9/26/22 Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.

9/27/22 Arrived on location and held safety meeting. R/U P&A rig. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. N/D wellhead. N/U BOP and function tested. Completed rig maintenance. Secured and shut in well for the day.

9/28/22 Arrived on location and held safety meeting. Completed rig maintenance. Greased shims, changed oil on tongs, greased drive line, completed hydraulic maintenance. Performed complete rig inspection.

9/29/22 Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Set up equipment to pull rods. Pulled polished rod, 65 standard rods and pump. Removed tubing hanger. Nippled up BOP and function tested. Rigged up floor and tongs. TOH with 52 joints of tubing and seat nipple. TIH with casing scrapper. Tagged hard on joint 43 at 1388', was unable to continue scraper run. TOOH with scraper. TIH with a notched collar. Was able to TIH to joint 53 at 1727'. TOOH. Secured and shut in well for the night.

9/30/22 Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH to 1679'. R/U cementing services. Pumped plug #1 from 1679' to approximately 1311' to cover the queen formation top. TOOH. WOC 4 hours. TIH to tag plug #1 but did not tag. R/U

cementing services. Re-pumped plug #1 from 1679' to 1311'. TOOH. WOC 4 hours. TIH to tag plug #1 but again did not tag. R/U cementing services. Re-pumped plug #1 from 1679' to approximately 1311'. TOOH. WOC overnight. Secured and shut in well for the night.

10/1/22 Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged the top of plug #1 at 1671'. R/U cementing services. Continued pumping plug #1 from 1671' to approximately 1303'. TOOH. WOC 4 hours. TIH and tagged top of plug #1 at 1615'. Waited for cement crew to load bulk truck. R/U cementing services. Continued pumping plug #1 from 1615' to approximately 1247'. TOOH. WOC overnight. Secured and shut in well for the night.

10/2/22 Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged top of at 1615'. R/U cementing services. Continued pumping plug #1. TOOH. WOC 4 hours. TIH and again tagged at 1615'. R/U cementing services. Continued pumping plug #1 from 1615' to approximately 1303'. TOOH. WOC 4 hours. TIH and tagged at 1536'. R/U cementing services. Continued pumping plug #1 from 1536 to approximately 1303'. WOC overnight. Secured and shut in well for the night.

10/3/22 Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged top of plug #1 at 1536'. R/U cementing services and continued pumping plug #1 with 25 sx. TOOH. WOC 4 hours. TIH and tagged top of plug #1 at 1518'. R/U Cementing services and continued pumping plug #1 with 14 sx. TOOH. WOC 4 hours. TIH and again tagged top of plug #1 at 1518'. R/U cementing services. Continued pumping plug #1 with 14 sx. TOOH. WOC overnight. Secured and shut in well for the night.

10/4/22 Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged top of plug #1 at 1518'. TOOH. P/U 4.5" casing scraper. TIH to 1500'. TOOH. P/U 4.5" cement retainer. TIH to set CR at 1500' but was unsuccessful. Retainer would not set due to casing integrity. TOOH. TIH open ended to 1518'. R/U cementing services. Continued pumping Plug #1 with a 25 sx balanced plug. TOOH 30 joints. Stopped trip to perform rig maintenance. Secured and shut in well for the night.

10/5/22 Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down

well. TIH and tagged top of plug #1 at 1518'. R/U cementing services. Continued pumping plug #1 with a 25 sx balanced plug. R/D Cementing services. TOOH. WOC 4 hours. TIH and again tagged at 1518'. R/U cementing services. Continued pumping plug #1 with a 50 sx balanced plug. TOOH and WOC 4 hours. TIH tagged at 1518'. R/U cementing services. Continued pumping plug #1 with a 50 sx balanced plug. TOOH. WOC overnight. Secured and shut in well for the day.

10/6/22 Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged top of plug #1 at 1518'. R/U cementing services. Batched up a polymer stop loss spacer with barite in hopes of preventing further cement losses. Pumped spacer system and TOOH. Let spacer system sit for 2 hours. TIH to 1518'. R/U cementing services. Continued pumping plug #1 with 50 sx Type III cement. R/D cementing services and TOOH. WOC 4 hours. TIH and tagged top of plug #1 at 1513'. R/U cementing services. Continued pumping plug #1 with 50 sx Type III cement. R/D cementing services and TOOH. WOC overnight. Secured and shut in well for the day.

10/7/22 Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged at 1513'. TOOH. P/U CR and TIH. Successfully Set CR at 950'. R/U cementing services. Pumped 38 sx of cement below the CR from approximately 1513' to 950'. Stung out of CR and pumped cement from 950' to 850'. TOOH. WOC 4 hours. TIH and tagged TOC at 950'. Rolled hole and successfully established circulation. Attempted to pressure test casing but was unsuccessful. Pumped into casing at 1.3 bbls a min and 143 PSI. TOOH. R/U wireline. Wireline experienced computer issues. Secured and shut in well for the day.

10/11/22 Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U wireline. RIH and tagged at 950'. Fluid level was at 300'. Topped of fluid level and logged well. R/D wireline. TIH to 950'. R/U cementing services and continued pumping plug #2 from 950' to 850'. TOOH. WOC 4 hours. TIH and tagged top of plug #2 at 828'. Attempted to pressure test casing but was unsuccessful. TOOH. R/U wireline. RIH and perforated at 822'. POOH. R/U cementing services. Successfully established an injection rate at 1.6 bbls/min at 120 psi. P/U packer and TIH. Set packer at 427'. R/U cementing services. Pumped plug #3 from 822' to 447' with 68 sx into perforations and 25 sx inside 4.5" casing. After pumping, cement returns were coming

back to pump operator. Disconnected cement pump from tubing and released packer. A gas bubble surfaced. Waited for gas to pass. TOOH with tubing and packer. WOC overnight. Secured and shut in well for the day.

10/12/22 Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged top of plug #3 at 539'. Successfully pressure tested casing to 800 PSI. R/U cementing services. Continued pumping Plug 3 from 539' to 400'. TOOH. WOC 4 hours. TIH and tagged top of plug #3 at 378'. Attempted to pressure test casing but was unsuccessful. TOOH. P/U packer. TIH and attempted to set packer at 120', but packer would not set. TOOH and picked up a new packer. TIH and successfully set packer at 120'. Successfully pressure tested to 300 psi. TOOH and L/D packer. R/U wireline services. RIH and perforated at 130'. POOH. Successfully established and injection rate 1.6 bbls at 160 psi. TIH. R/U cementing services. Pumped plug #4 from 130' to surface. 83 totals sacks, 9 sx in 4.5" casing and 74 sx outside. TOOH. N/D floor, BOP and R/D. Prepare to MOL.

9/30/22 Arrived on location and held safety meeting. Used backhoe to safely expose wellhead. R/U water jet wellhead cutter. Preformed water jet cutoff. Removed old wellhead. Cement was already at surface. Welder attached marker per NMOCD regulations.

Plug Summary:

Plug #1: (San Andres Perforations and Formation Top, 1,679'-1,513', 518 Sacks Type III Cement)

TIH to 1679'. R/U cementing services. Pumped plug #1 from 1679' to approximately 1311' to cover the queen formation top. TOOH. WOC 4 hours. TIH to tag plug #1 but did not tag. R/U cementing services. Re-pumped plug #1 from 1679' to 1311'. TOOH. WOC 4 hours. TIH to tag plug #1 but again did not tag. R/U cementing services. Re-pumped plug #1 from 1679' to approximately 1311'. TOOH. WOC. TIH and tagged the top of plug #1 at 1671'. R/U cementing services. Continued pumping plug #1 from 1671' to approximately 1303'. TOOH. WOC 4 hours. TIH and tagged top of plug #1 at 1615'. Waited for cement crew to load bulk truck. R/U cementing services. Continued pumping plug #1 from 1615' to approximately 1247'. TOOH. WOC. TIH and tagged top of at 1615'. R/U cementing services. Continued pumping plug #1. TOOH. WOC 4 hours. TIH and again tagged at 1615'. R/U cementing services.

Continued pumping plug #1 from 1615' to approximately 1303'. TOOH. WOC 4 hours. TIH and tagged at 1536'. R/U cementing services. Continued pumping plug #1 from 1536 to approximately 1303'. WOC. TIH and tagged top of plug #1 at 1536'. R/U cementing services and continued pumping plug #1 with 25 sx. TOOH. WOC 4 hours. TIH and tagged top of plug #1 at 1518'. R/U Cementing services and continued pumping plug #1 with 14 sx. TOOH. WOC 4 hours. TIH and again tagged top of plug #1 at 1518'. R/U cementing services. Continued pumping plug #1 with 14 sx. TOOH. WOC. TIH and tagged top of plug #1 at 1518'. TOOH. P/U 4.5" casing scraper. TIH to 1500'. TOOH. P/U 4.5" cement retainer. TIH to set CR at 1500' but was unsuccessful. Retainer would not set due to casing integrity. TOOH. TIH open ended to 1518'. R/U cementing services. Continued pumping Plug #1 with a 25 sx balanced plug. TOOH 30 joints. WOC. TIH and tagged top of plug #1 at 1518'. R/U cementing services. Continued pumping plug #1 with a 25 sx balanced plug. R/D Cementing services. TOOH. WOC 4 hours. TIH and again tagged at 1518'. R/U cementing services. Continued pumping plug #1 with a 50 sx balanced plug. TOOH and WOC 4 hours. TIH tagged at 1518'. R/U cementing services. Continued pumping plug #1 with a 50 sx balanced plug. TOOH. WOC. TIH and tagged top of plug #1 at 1518'. R/U cementing services. Batched up a polymer stop loss spacer with barite in hopes of preventing further cement losses. Pumped spacer system and TOOH. Let spacer system sit for 2 hours. TIH to 1518'. R/U cementing services. Continued pumping plug #1 with 50 sx Type III cement. R/D cementing services and TOOH. WOC 4 hours. TIH and tagged top of plug #1 at 1513'. R/U cementing services. Continued pumping plug #1 with 50 sx Type III cement. TIH and tagged at 1513'.

Plug #2: (Queen Formation Top 1,513-828', 44.5 Sacks Type III Cement)

P/U CR and TIH. Successfully Set CR at 950'. R/U cementing services. Pumped 38 sx of cement below the CR from approximately 1513' to 950'. Stung out of CR and pumped cement from 950' to 850'. TOOH. WOC 4 hours. TIH and tagged TOC at 950'. TIH to 950'. R/U cementing services and continued pumping plug #2 from 950' to 850'. TOOH. WOC 4 hours. TIH and tagged top of plug #2 at 828'.

Plug #3: (Yates Formation Top, 822' to 378', 103 Sacks Type III Cement)

R/U wireline. RIH and perforated at 822'. POOH. R/U cementing services. Successfully established an injection rate at 1.6 bbls/min at 120 psi. P/U packer and TIH. Set packer at 427'. R/U cementing services. Pumped plug #3 from 822' to 447' with 68 sx into

perforations and 25 sx inside 4.5" casing. After pumping, cement returns were coming back to pump operator. TIH and tagged top of plug #3 at 539'. Continued pumping Plug 3 from 539' to 400'. TOOH. WOC 4 hours. TIH and tagged top of plug #3 at 378'.

Plug #4: (Surface Casing Shoe, 130' to Surface', 83 Sacks Type III Cement)

R/U wireline services. RIH and perforated at 130'. POOH. Successfully established and injection rate 1.6 bbls at 160 psi. TIH. R/U cementing services. Pumped plug #4 from 130' to surface. 83 totals sacks, 9 sx in 4.5" casing and 74 sx outside. R/U water jet wellhead cutter. Preformed water jet cutoff. Removed old wellhead. Cement was already at surface. Welder attached marker per NMOCD regulations.

Completed Wellbore Diagram

Blue Sky NM Inc.
Twin Lakes San Andres Unit #041
API: 30-005-60768
Chaves County, New Mexico

Surface Casing
8.625" 20# @ 80 ft
OH: 12.5'

Plug 4
130 feet - surface
130 foot plug
83 Sacks of Type III Cement

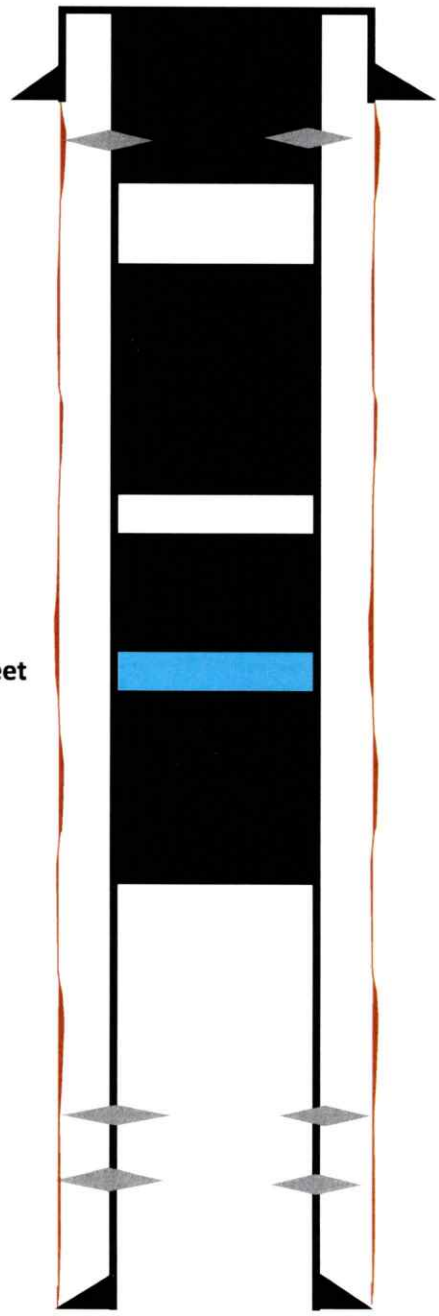
Formation
Yates - 772 feet
Queen - 1490 feet
San Andres - 2081 feet

Plug 3
822 feet - 387 feet
435 foot plug
103 Sacks of Type III Cement

Plug 2
1513 feet - 828 feet
685 foot plug
25 Sacks of Type III Cement

Retainer @ 950 feet

Plug 1
1679 feet - 1518 feet
161 foot plug
46 sacks of Type III Cement



Perforations
2717 feet - 2756 feet

Production Casing
4.5" 9.5# @ 2930 feet
OH: 7.875"

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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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 158206

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 158206
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	5/3/2023