

Submit One Copy To Appropriate District Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 S. First St., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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 November 3, 2011

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.)		WELL API NO. 30-005-61556																				
1. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>																				
2. Name of Operator Blue Sky NM Inc		6. State Oil & Gas Lease No.																				
3. Address of Operator 7941 Katy Freeway Suite 522 Houston, TX 77024		7. Lease Name or Unit Agreement Name Twin Lakes San Andres																				
4. Well Location Unit Letter <u>I</u> : 1650 feet from the <u>S</u> line and 330 feet from the <u>E</u> line Section <u>12</u> Township <u>09S</u> Range <u>28E</u> NMPM _____ County <u>Chaves</u>		8. Well Number 110																				
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 300825																				
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data																						
<table border="0"> <tr> <td colspan="2"> <b>NOTICE OF INTENTION TO:</b> </td> <td colspan="2"> <b>SUBSEQUENT REPORT OF:</b> </td> </tr> <tr> <td>PERFORM REMEDIAL WORK <input type="checkbox"/></td> <td>PLUG AND ABANDON <input type="checkbox"/></td> <td>REMEDIAL WORK <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>TEMPORARILY ABANDON <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>COMMENCE DRILLING OPNS. <input type="checkbox"/></td> <td>P AND A <input checked="" type="checkbox"/></td> </tr> <tr> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>MULTIPLE COMPL <input type="checkbox"/></td> <td>CASING/CEMENT JOB <input type="checkbox"/></td> <td></td> </tr> <tr> <td colspan="2">           OTHER: <input type="checkbox"/> </td> <td colspan="2"> <input checked="" type="checkbox"/> Location is ready for OCD inspection after P&amp;A         </td> </tr> </table>			<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>		PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input checked="" type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>		OTHER: <input type="checkbox"/>		<input checked="" type="checkbox"/> Location is ready for OCD inspection after P&A	
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<input checked="" type="checkbox"/> All pits have been remediated in compliance with OCD rules and the terms of the Operator's pit permit and closure plan. <input checked="" type="checkbox"/> Rat hole and cellar have been filled and leveled. Cathodic protection holes have been properly abandoned. <input checked="" type="checkbox"/> A steel marker at least 4" in diameter and at least 4' above ground level has been set in concrete. It shows the																						

**OPERATOR NAME, LEASE NAME, WELL NUMBER, API NUMBER, QUARTER/QUARTER LOCATION OR UNIT LETTER, SECTION, TOWNSHIP, AND RANGE. ALL INFORMATION HAS BEEN WELDED OR PERMANENTLY STAMPED ON THE MARKER'S SURFACE.**

- ☐ The location has been leveled as nearly as possible to original ground contour and has been cleared of all junk, trash, flow lines and other production equipment.
- ☐ Anchors, dead men, tie downs and risers have been cut off at least two feet below ground level.
- ☐ If this is a one-well lease or last remaining well on lease, the battery and pit location(s) have been remediated in compliance with OCD rules and the terms of the Operator's pit permit and closure plan. All flow lines, production equipment and junk have been removed from lease and well location.
- ☐ All metal bolts and other materials have been removed. Portable bases have been removed. (Poured onsite concrete bases do not have to be removed.)
- ☐ All other environmental concerns have been addressed as per OCD rules.
- ☐ Pipelines and flow lines have been abandoned in accordance with 19.15.35.10 NMAC. All fluids have been removed from non-retrieved flow lines and pipelines.
- ☐ If this is a one-well lease or last remaining well on lease: all electrical service poles and lines have been removed from lease and well location, except for utility's distribution infrastructure.

When all work has been completed, return this form to the appropriate District office to schedule an inspection.

SIGNATURE Ethan Wakefield TITLE Authorized Representative

DATE 5/23/23

TYPE OR PRINT NAME Ethan Wakefield  
For State Use Only

E-MAIL: [e.wakefield@dwsrigs.com](mailto:e.wakefield@dwsrigs.com)

PHONE (405) 343-7736

APPROVED BY: John Harrison  
Released to Imaging: 7/20/2023 1:14:47 PM

TITLE Petroleum Specialist

DATE 7/19/23

## **Blue Sky NM**

### **Plug And Abandonment End Of Well Report**

#### **Twin Lakes San Andres #110**

1650' FSL & 330' FEL, Section 12, 09S, 28E

Chaves County, NM / API 30-005-61556

#### **Work Summary:**

- 4/26/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 4/27/23** Arrived on location and held safety meeting. Prepared location using backhoe. Built road to move rig in. Moved equipment onto location.
- 4/28/23** Arrived on location and held safety meeting. L/D 81 rods. Shutdown due to high winds.
- 4/29/23** Arrived on location and held safety meeting. L/D 68 joints, 4' pup, 20' pup, and seat nipple. P/U 4.5" scraper. TIH to 2600'. POOH. L/D scraper. P/U 4.5" cement retainer. TIH and set CR at 2580'. Circulated hole with water. TOOH. R/U wireline services. Wireline unit broke down. Waiting on wireline. Secured and shut in well for the day.
- 4/30/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. R/U wireline services. RIH and logged well. POOH. R/D wireline. TIH to 2580'. Pumped plug #1 from 2580' to 1890' with 51 sx. TOOH. WOC. TIH and tagged top of plug #1 at 1900'. Pumped mud/gel spacer from 1900 to 1540'. R/U wireline services. RIH and perforated at 1540'. P/U packer. TIH and set packer at 1040'. R/U cementing services. Established an injection rate of 2.1 bbls/min at 500 psi. Pumped plug #2 from 1540' to approximately 1158' with 67 sacks inside and 29 outside. WOC overnight. Shutdown and secured well.

- 5/1/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. TIH and tagged at 1610'. R/U cementing services. Continued pumping plug #2 from 1610' to 1158' with 34 sx. TOOH. WOC. TIH and tagged top of plug #2 at 1580'. R/U cementing services. Continued pumping plug #2 from 1580' to 1158' with 32 sacks. TOOH. WOC. TIH and tagged top of plug #2 at 1578'. R/U cementing services. Continued pumping plug #2 from 1578' to 1158' with 32 sacks. TOOH. WOC overnight. Secured and shut in well.
- 5/2/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. TIH and tagged plug #2 at 1135'. Pumped mud/gel spacer from 1135' to 822'. TOOH. R/U wireline services. RIH and perforated at 822'. POOH. P/U packer. TIH and set at 340'. Establish an injection rate of 2.1 BBL/min at 600 psi. TOOH. L/D packer. TIH to 876'. R/U cementing services. Pumped plug #3 from 876' to 447' with 41 sacks. TOOH. WOC. Shutdown due to weather. Secured well for the day.
- 5/3/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. TIH and tagged plug #3 at 860'. R/U cementing services. Continued pumping plug #3 from 860' to 440' with 32 sx. TOOH. WOC. TIH and tagged plug #3 at 851'. R/U cementing services. Continued pumping plug #3 from 851' to 440' with 32 sx. TOOH. WOC. TIH and tagged plug #3 at 724'. R/U cementing services. Continued pumping plug #3 from 724' to 440' with 29 sx. TOOH. WOC overnight. Secured and shut in well.
- 5/4/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. TIH and tagged at 120'. Cement migrated. R/D rig 31 and all equipment. Moved rig 26 onto location. R/U all equipment. R/U power swivel. Drilled out cement from 120' to 400'. Secured well and shut down for the day.
- 5/9/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. TIH and tagged cement at 400'. Pumped mud/gel spacer from 400' to 168'. R/U wireline services. RIH and perforated at 168'. POOH. R/D wireline. R/U cementers. Successfully circulated water down 4.5" casing, into perforations, and out BH at surface. Pumped plug #4 down 4.5" casing, into perforations, and out BH at surface. R/D cementers. Pumped 80 sx, 15 sx in 4.5" and 65 in 8.6". R/D floor and equipment. ND BOP, NU WH. R/D all equipment and MOL. .



**5/26/23** Arrived on location and held safety meeting. Used backhoe to safely expose wellhead. Set up welding unit on location. Performed wellhead cutoff. Removed old wellhead. Tagged cement at 20' inside and 15' outside. Filled casing to surface with 12 sacks. Welder attached marker per NMOCD regulations.

**Plug Summary:**

**Plug #1: (San Andres Perforations and Formation Top, 2,580'-1,900', 51 Sacks Type I/II Cement)**

P/U 4.5" cement retainer. TIH and set CR at 2580'. Circulated hole with water. TOOH for wireline. TIH to 2580'. Pumped plug #1 from 2580' to 1890' with 51 sx. TOOH. WOC. TIH and tagged top of plug #1 at 1900'.

**Plug #2: (Queen Formation Top 1,610'-1,135', 194 Sacks Type I/II Cement)**

R/U wireline services. RIH and perforated at 1540'. P/U packer. TIH and set packer at 1040'. R/U cementing services. Established an injection rate of 2.1 bbls/min at 500 psi. Pumped plug #2 from 1540' to approximately 1158' with 67 sacks inside and 29 outside. TOOH. WOC. TIH and tagged at 1610'. R/U cementing services. Continued pumping plug #2 from 1610' to 1158' with 34 sx. TOOH. WOC. TIH and tagged top of plug #2 at 1580'. R/U cementing services. Continued pumping plug #2 from 1580' to 1158' with 32 sacks. TOOH. WOC. TIH and tagged top of plug #2 at 1578'. R/U cementing services. Continued pumping plug #2 from 1578' to 1158' with 32 sacks. TOOH. WOC overnight. TIH and tagged plug #2 at 1135'.

**Plug #3: (Yates Formation Top, 876' to 400', 134 Sacks Type I/II Cement)**

R/U wireline services. RIH and perforated at 822'. POOH. P/U packer. TIH and set at 340'. Establish an injection rate of 2.1 BBL/min at 600 psi. TOOH. L/D packer. TIH to 876'. R/U cementing services. Pumped plug #3 from 876' to 447' with 41 sacks. TOOH. WOC. TIH and tagged plug #3 at 860'. R/U cementing services. Continued pumping plug #3 from 860' to 440' with 32 sx. TOOH. WOC. TIH and tagged plug #3 at 851'. R/U cementing services. Continued pumping plug #3 from 851' to 440' with 32 sx. TOOH. WOC. TIH and tagged plug #3 at 724'. R/U cementing services. Continued pumping plug #3 from 724' to 440' with 29 sx. TOOH. WOC. TIH and tagged at 120'. Cement migrated. R/D rig 31 and all equipment. Moved rig 26 onto location. R/U all equipment. R/U power swivel. Drilled out cement from 120' to 400'. TIH and tagged cement at 400'.

**Plug #4: (Surface Casing Shoe, 168' to Surface', 92 Sacks Type I/II Cement (12 sx for top off))**

R/U wireline services. RIH and perforated at 168'. POOH. R/D wireline. R/U cementers. Successfully circulated water down 4.5" casing, into perforations, and out BH at surface. Pumped plug #4 down 4.5" casing, into perforations, and out BH at surface. R/D cementers. Pumped 80 sx, 15 sx in 4.5" and 65 in 8.6". Performed wellhead cutoff. Removed old wellhead. Tagged cement at 20' inside and 15' outside. Filled casing to surface with 12 sacks. Welder attached marker per NMOCD regulations.

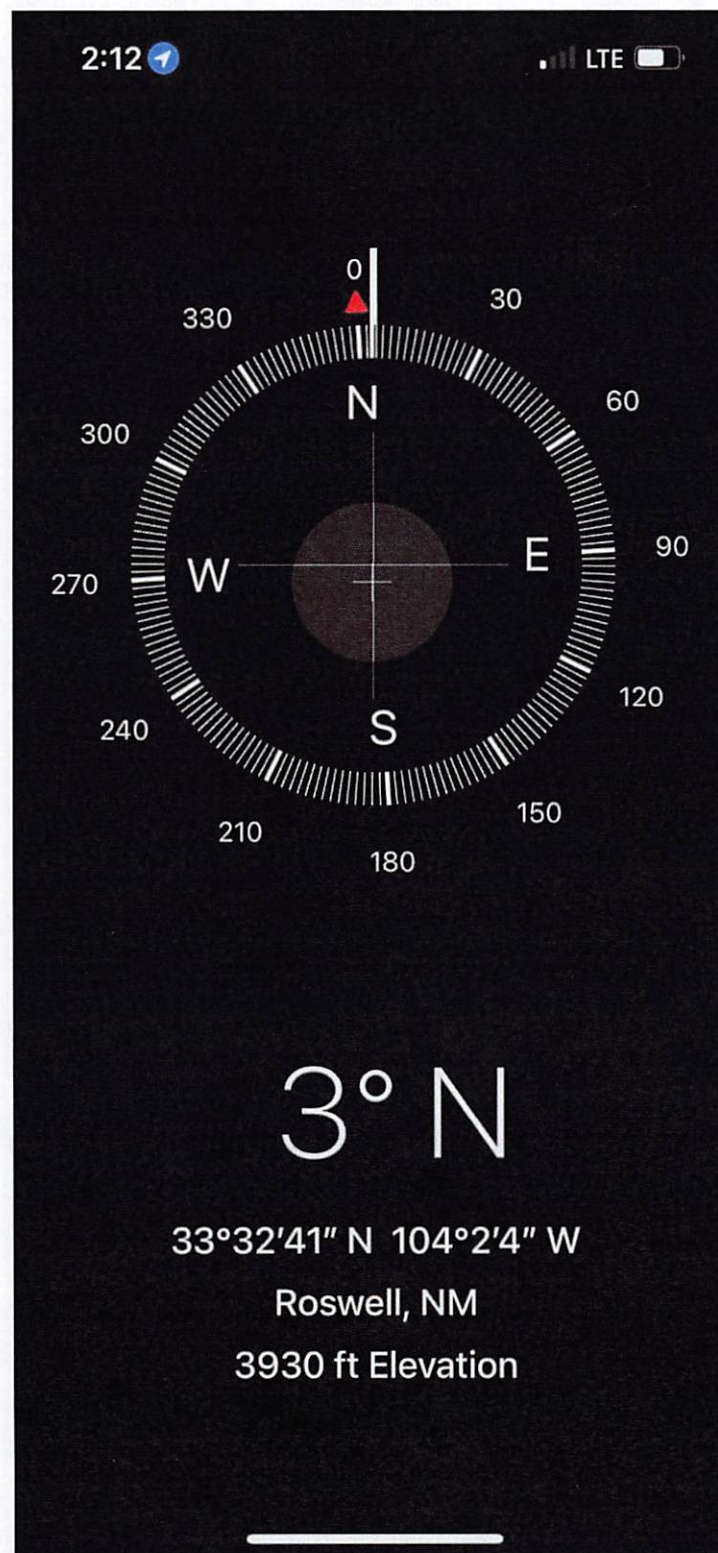
















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State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS  
  
Action 242326

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 242326
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	7/20/2023