

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.) 1. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		WELL API NO. 30-005-00349
2. Name of Operator Blue Sky NM Inc		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator 7941 Katy Freeway Suite 522 Houston, TX 77024		6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>D</u> : <u>660</u> feet from the <u>N</u> line and <u>660</u> feet from the <u>W</u> line Section <u>1</u> Township <u>09S</u> Range <u>28E</u> NMPM _____ County <u>Chaves</u>		7. Lease Name or Unit Agreement Name Twin Lakes San Andres
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		8. Well Number <u>054</u>
9. OGRID Number 300825		10. Pool name or Wildcat Twin Lake ; San Andres

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input checked="" 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	

☒ All pits have been remediated in compliance with OCD rules and the terms of the Operator's pit permit and closure plan.
☒ Rat hole and cellar have been filled and leveled. Cathodic protection holes have been properly abandoned.
☒ 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 6/21/23
 TYPE OR PRINT NAME Ethan Wakefield E-MAIL: e.wakefield@dwsrigs.com PHONE (405) 343-7736
 For State Use Only

APPROVED BY: John Harrison TITLE Petroleum Specialist DATE 7/19/23
 Released to Imaging: 7/20/2023 1:35:52 PM

Blue Sky NM

Plug And Abandonment End Of Well Report

Twin Lakes San Andres #054

660' FNL & 660' FWL, Section 1, 09S, 28E

Chaves County, NM / API 30-005-00349

Work Summary:

- 5/8/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 5/9/23** Arrived on location and held safety meeting. Prepared location using backhoe. Built road to move rig in. Moved equipment onto location. R/U P&A rig. ND WH. NU BOP and R/U floor. Began pulling tubing. L/D 78 joints of tubing and tubing anchor. Prepped and tallied 2-3/8" work string. P/U 5.5" casing scraper. TIH to 806'. Secured and shut down well for the day.
- 5/10/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. Continued scraper run. TIH to 2453'. TOOH. L/D scraper. P/U notched collar. TIH and tagged at 2668'. Worked collar. TOOH. L/D notched collar. P/U 4.75" mill. TIH and tagged at 2453'. R/U power swivel and pump. Drilled out from 2453' to 2681'. At 2681' mill became plugged. R/D swivel and pump. TOOH. Inspect tubing and cleaned mill. Shut in and secured well.
- 5/11/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. Installed 5.5" drill bit. TIH and tagged at 2660'. R/U pump and power swivel. Drilled from 2660' to 2708'. Circulated hole clean. R/D power swivel and pump. TOOH. R/U wireline services. Logged well. R/D wireline. TIH with 5.5" bit. Tagged at 2680'. R/U power swivel and pump. Drilled to 2710'. R/D power swivel and pump. TOOH. Shut in and secured well for the day.

- 5/12/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. Installed 5.5" drill bit. TIH and tagged at 2680'. R/U pump and power swivel. Drill out from 2680' to 2747'. Returns are showing small cement debris. Tagged hard at 2747'. TOOH. L/D bit and P/U mill. TIH and tagged at 2681'. R/U pump and power swivel. Worked mill to 2747'. Could not advance past 2747'. R/D pump and power swivel. TOOH. Inspected mill. Mill was partially worn out. Shut in and secured well for the day.
- 5/13/23** 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 2681'. R/U pump and power swivel. Worked through tight spots to 2747'. Unable to get past 2747'. TOOH and change out mill. TIH to 2747'. Mill on hard spot at 2750'. R/D power swivel and pump. TOOH. Change out mills. Secured and shut in well
- 5/14/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. TIH with new mill and tagged at 2740'. R/U pump and power swivel. Mill on hard spot at 2740' to 2747'. Continued to get cement returns. R/D power swivel and pump. TOOH. Secured and shut in well.
- 5/15/23** 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 2741'. R/U power swivel and pump. Milled hard spot from 2741' to 2770'. R/D power swivel and pump. TOOH. Shut down and secured well for the day.
- 5/16/23** Arrived on location and held safety meeting. Performed rig maintenance.
- 5/17/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. TIH to 2777'. R/U pump and power swivel. Began drilling. Fell through to 3157'. Continued drilling to 3177'. R/D equipment and TOOH. Shut in and secured well for the day.
- 5/18/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. TIH to 3171'. R/U power swivel and pump. Drilled to 3300'. TOOH. Shut in and secured well.
- 5/23/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. TIH to 3300'. R/U power swivel and pump. Drilled to 3343'. L/D 3 joints. Shut in and secured well.

- 5/24/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. TIH to 3343'. R/U power swivel and pump. Drilled to 3672'. L/D tubing until EOT is above perforations. Shut in and secured well.
- 5/25/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. TIH to 3672'. R/U power swivel and pump. Drilled to 3758'. L/D tubing until EOT is above perforations. Shut in and secured well.
- 5/26/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. TIH to 2829'. R/U power swivel and pump. Drilled to 3874'. L/D tubing until EOT is above perforations. Shut in and secured well.
- 5/27/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. TOOH to inspect bit and pick up collars. Bit lost 3 roller cones. Waited on fishing tools to arrive for magnet run. Secured and shut in well of the day.
- 5/28/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. R/U fishing tools. TIH with magnet to retrieve 3 cones. Rig broke down to a U-joint failure. Fixed rig. Continued fishing. Was unable to retrieve fish. Secured and shut in well.
- 5/29/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. R/U fishing tools. TIH with magnet to retrieve roller cones. TOOH with partial cone. Stopped fishing operations and discussed well status with NMOCD. TIH with tag sub to 3875'. R/U cementing services. Circulated hole. Pumped plug #1 from 3875' to 3435' with 50 sacks. TOOH. WOC overnight. Secured and shut in well.
- 5/30/23** 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 #1 at 3580'. R/U cementing services. Continued pumping plug #1 from 3580' to 2990' with 65 sx. L/D tubing to 2990'. R/U cementing services. Reverse circulated. Continued pumping plug #1 from 2990' to 2400' with 65 sx. L/D tubing to 2440'. TOOH. WOC. TIH and tag plug #1 at 2714'. R/U cementing services. Continued pumping plug #1 from 2714' to 2400' with 38 sx. TOOH. WOC overnight. Shut in and secured well.
- 5/31/23** 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 #1 at 2595'. R/U cementing services. Continued

pumping plug #1 from 2595' to 2400' with 22 sacks. TOOH. WOC. TIH and tagged plug #1 at 2513'. R/U cementing services. Continued pumping plug #1 from 2513' to 2400' with 13 sx. TOOH WOC. Shutdown due to extreme weather conditions.

- 6/1/23** Unable to get to location due to poor road conditions and mud.
- 6/6/23** 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 #1 at 2320'. R/U cementing services. Successfully pressure tested casing to 800 psi. Pumped mud/gel spacer from 2320' to 2050'. R/D cementers. L/D 8 joints. R/U cementing services. Pumped plug #2 from 2050' to 1900'. R/D cementers. L/D 7 joints. Pumped mud/gel spacer from 1900' to 1540'. R/D cementers. L/D 9 joints. R/U cementing services. Pumped plug #3 from 1540' to 1390'. R/D cementers. L/D 6 joints. Pumped mud/gel spacer from 1390' to 822'. R/D cementers. L/D 18 joints and TOOH. R/U wireline services. RIH and perforated at 822'. POOH. R/D wireline. R/U cementing services. Successfully circulated water down 5.5" casing, into perforations at 822' and out casing at surface. Secured and shut in well for the day.
- 6/7/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. R/U cementing services. Pumped cement down 5.5" casing, into perforations at 822', and out 9.6" casing at surface. Shut valve and opened 7" casing valve continued to pump cement down 5.5" casing, into perforations at 822', and out 7" casing at surface. Cement came out quickly. R/D cementers. R/D floor, ND BOP, NU WH. RD unit and equipment. Prepared to MOL.
- 6/20/23** 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 30' in the 13-3/8" casing. Filled casing to surface with 16 sacks. Welder attached marker per NMOCD regulations.

Plug Summary:

Plug #1: (Glorieta Formation Top, 3,875'-2,320', 253 Sacks Type I/II Cement)

TIH with tag sub to 3875'. R/U cementing services. Circulated hole. Pumped plug #1 from 3875' to 3435' with 50 sacks. TOOH. WOC overnight. TIH and tagged plug #1 at 3580'. R/U cementing services. Continued pumping plug #1 from 3580' to 2990' with 65 sx. L/D tubing to 2990'. R/U cementing services. Reverse circulated. Continued pumping plug #1 from 2990' to 2400' with 65 sx. L/D

tubing to 2440'. TOOH. WOC. TIH and tag plug #1 at 2714'. R/U cementing services. Continued pumping plug #1 from 2714' to 2400' with 38 sx. TOOH. WOC overnight. TIH and tagged plug #1 at 2595'. R/U cementing services. Continued pumping plug #1 from 2595' to 2400' with 22 sacks. TOOH. WOC. TIH and tagged plug #1 at 2513'. R/U cementing services. Continued pumping plug #1 from 2513' to 2400' with 13 sx. TOOH WOC. TIH and tagged plug #1 at 2320'.

Plug #2: (San Andres Formation Top 2,050'-1,900', 19 Sacks Type I/II Cement)

Pumped plug #2 from 2050' to 1900'. R/D cementers. L/D 7 joints. Pumped mud/gel spacer from 1900' to 1540'. R/D cementers.

Plug #3: (Queen Formation Top, 1,540' to 1,390', 19 Sacks Type I/II Cement)

R/U cementing services. Pumped plug #3 from 1540' to 1390'. R/D cementers.

Plug #4: (Yates Formation Top and Surface Casing Shoe, 822' to Surface', 266 Sacks Type I/II Cement (16 sx for top off))

R/U wireline services. RIH and perforated at 822'. POOH. R/D wireline. R/U cementing services. Successfully circulated water down 5.5" casing, into perforations at 822' and out casing at surface. Pumped cement down 5.5" casing, into perforations at 822', and out 9.6" casing at surface. Shut valve and opened 9.625" casing valve continued to pump cement down 5.5" casing, into perforations at 822', and out 9.625" casing at surface. Cement came out quickly. R/D cementers. Performed wellhead cutoff. Removed old wellhead. Tagged cement at 30' in the 13-3/8" casing. Filled casing to surface with 16 sacks. Welder attached marker per NMOCD regulations.

Completed Wellbore Diagram

Blue Sky NM Inc.
Twin Lakes San Andres Unit #054
API: 30-005-00349
Chaves County, New Mexico

Plug 4
822 feet - Surface
822' foot plug
333 Sacks of Type III Cement

Plug 3
1,540 feet - 1,390 feet
150 foot plug
253 Sacks of Type III Cement

Plug 2
2,050 feet - 1,900 feet
150 foot plug
19 Sacks of Type III Cement

Plug 1
3,850 feet - 2,320 feet
1530 foot plug
253 sacks of Type III Cement

Perforations
7249 feet - 7272 feet

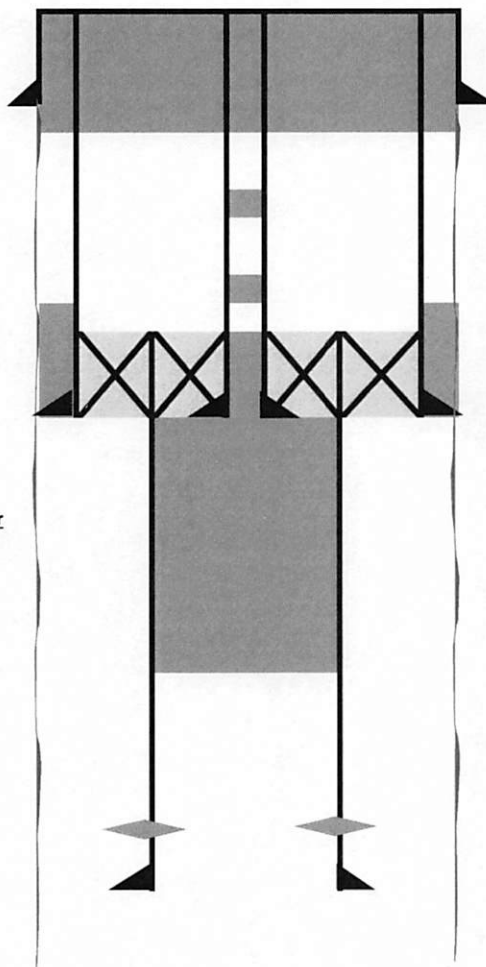
Formation
Yates - 772 feet
Queen - 1490 feet
San Andres - 2000 feet
Glorieta - 3100 feet
Abo - 5360 feet
Wolfcamp - 6155 feet
Misa - 7010 feet
Devonian - 7244 feet

Intermediate Casing
9.625" 36# @ 3400 ft
OH: 12"

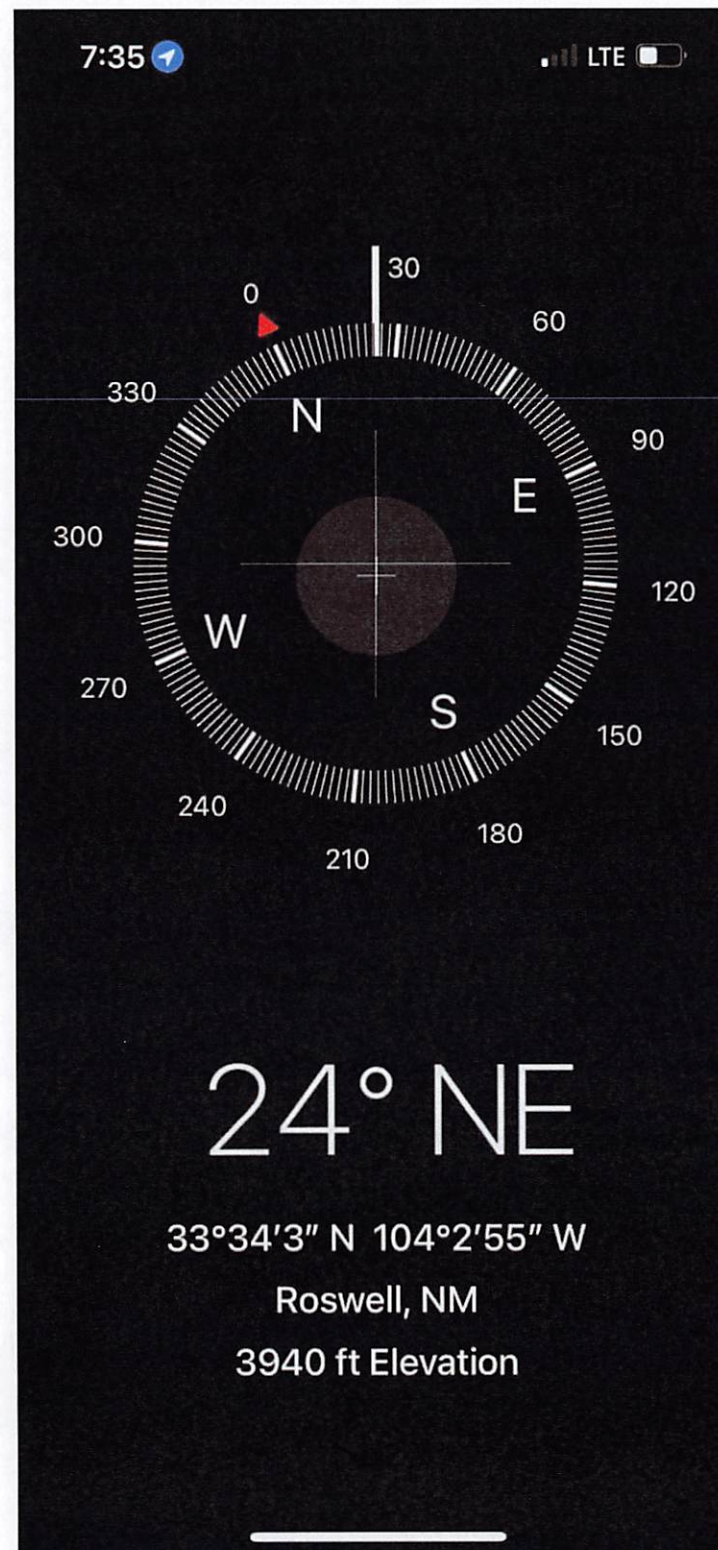
Liner W/ Brown Liner Hanger
5.5' 14# Surface to 2749 ft

Production Liner
7" 23# cut at 2700'
OH: 9"

Surface Casing
13.375" 61# @ 675 ft
OH: 17"











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
District IV
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 242311

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 242311
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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