

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. 30-005-61772
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>J</u> : 1650 feet from the <u>S</u> line and 1650 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 109
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		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 ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

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

OTHER: ☐☒ 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
 For State Use Only

E-MAIL: e.wakefield@dwsrigns.com

PHONE (405) 343-7736

Blue Sky NM

Plug And Abandonment End Of Well Report

Twin Lakes San Andres #109

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

Chaves County, NM / API 30-005-61772

Work Summary:

- 5/3/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 5/4/23** 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 1 joint of tubing. P/U 4.5" casing scraper. TIH and tag at 92'. TOOH. P/U spear. Attempted to fish but was unsuccessful. Secured and shut down well for the day.
- 5/9/23** Arrived on location and held safety meeting. TIH with notched collar. Tagged at 93'. R/U power swivel, and pump. Cleaned out from 93' to 490'. While cleaning fine gray sand was returning to surface. Hit hard at 490'. Worked string with no success. R/D pump and power swivel TOOH. P/U overshot. TIH and worked overshot. Was unable to latch onto fish. TOOH. P/U spear. TIH and attempted to spear into tubing at 490' but was unsuccessful. TOOH. Attempted fishing with multiple grapples with no success. TIH open ended. R/U pump. Attempted to wash screw into tubing but was unable to. R/D swivel and pump. TOOH. Secured and shut in for the day.
- 5/10/23** Arrived on location and held safety meeting. TIH with collar. Tagged at 490'. Worked collar to screw onto fish, was unsuccessful. TOOH. TIH with notch collar to 490'. R/U tubing swivel and pump. Worked notch collar to clean up fish. R/D swivel and pump. L/D tubing. RD floor, ND BOP, NU WH. R/D and all equipment. MOL.

- 6/7/23** Held safety meeting on previous location. Prepped road and location using backhoe. Moved in unit and all equipment onto location. R/U unit and equipment. ND WH, NU BOP, RU floor. Prep and tally drill dollars and 2-3/8" work string.
- 6/8/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. P/U drill bit. TIH and tagged at 490'. R/U pump and power swivel. Drilled to 502' and tagged a hard spot. TOOH to remove bit. Installed overshot. TIH and tagged at 502'. Attempted to latch onto fish but was unsuccessful. TOOH. L/D overshot. P/U bit. TIH to 502'. R/U pump and power swivel. Continued drilling at 502'. Returns consisted of fine cement and some metal shavings. TOOH. L/D bit and P/U spear. TIH to 502'. Attempted to spear fish but was unsuccessful. TOOH and L/D spear. Installed bit. TIH and continued to drill hard spot. Shut down and secured well for the day.
- 6/9/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. P/U drill bit. TIH to 502'. R/U pump and power swivel. Continued drilling hard spot. Returns consisted of fine cement and metal shavings. R/D pump and power swivel. TOOH. P/U overshot. TIH to 502'. Attempted to latch onto fish but was unsuccessful. TOOH. L/D overshot. P/U drill bit. TIH to 502'. Continued drilling. TOOH. L/D bit. P/U mill. TIH to 502'. Shut down and secured well for the day.
- 6/10/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. R/U pump and power swivel. Continued milling hard spot. R/D pump and power swivel. TOOH. L/D mill. P/U skirted mill. TIH to 502'. R/U pump and power swivel. Continued milling hard spot. R/D pump and power swivel. TOOH. Removed skirted mill and installed overshot. TIH and tagged at 502'. Worked overshot and broke through hard spot. TIH with 6 joints to 720'. TOOH removed overshot. Installed 4.5" scraper. TIH and tagged at 502'. TOOH remover scraper and installed notched collar. TIH and tagged at 2592'. TOOH. Removed notched collar and installed 4.5" scraper. TIH and tagged at 502' worked scraper through and continued to TIH to 2592'. TOOH. Shut in and secured well for the night.
- 6/11/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. P/U 4.5" CR. TIH and set at 2580'. R/U cementing services. Successfully circulated hole with 4 bbls, pumped 15 bbls total. Attempted to pressure test casing but was unsuccessful. TOOH. R/U wireline services. RIH and logged well. POOH. TIH to 2580'. R/U

cementing services. Pumped plug #1 from 2580' to 1892'. R/D cementers. L/D 21 joints and TOOH. WOC 4 hours. TIH. Before tagging, cement started coming out of the tubing. Reverse circulated at 1890' and TOOH. Shut in and secured well for the night.

6/12/23 Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. TIH and tagged plug #1 at 2160'. R/U cementing services. Continued pumping plug #1 from 2160' to 1892'. R/D cementers. L/D 9 joints and TOOH. WOC 4 hours. TIH and tagged plug #1 at 1883'. R/U cementing services. Started pumping mug/gel spacer system and tubing became plugged. TOOH. Unplugged joints. TIH to 1883'. R/U cementers. Pumped mud/gel spacer from 1833' to 1540'. R/D cementers. L/D 10 joints and TOOH. R/U wireline services. RIH and perforated at 1540'. POOH. P/U packer. TIH and set packer at 1041', EOT at 1138'. R/U cementing services. Attempted to establish an injection rate, but fluid began coming out casing. R/D cementers. Unset packer and L/D one joint. Set packer at 1009', EOT at 1106'. R/U cementers. Attempted to establish an injection rate but again fluid began coming out of the casing. R/D cementers. Unset packer and L/D one joint. Set packer at 978', EOT at 1075'. R/U cementers Attempted to establish an injection rate but again fluid began coming out of the casing. Unset packer and TOOH, removed packer. TIH to 1591'. R/U cementing services. Pumped plug #2 from 1591' to approximately 1158'. R/D cementers. L/D 17 joints and TOOH. WOC overnight. Shut in and secured well for the day.

6/13/23 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 plug #2 at 1432'. R/U cementing services. Continued pumping plug #2 from 1432' to 1158'. R/D cementers. L/D 9 joints and TOOH. WOC 4 hours. TIH and tagged plug #2 at 1161'. R/U cementing services. Pumped mud/gel spacer from 1161' to 822'. R/D cementers. L/D 10 joints and TOOH. P/U 4.5" packer. TIH and set at 423'. Pumped 8 bbls and water started coming out BH valve at surface. Unset packer. TIH and set packer at 587'. Pumped water, and again water began coming out BH valve at surface. Unset packer and TOOH. R/U wireline services. TIH and perforated at 822'. POOH. TIH to 879'. R/U cementing services. Pumped plug #3 from 879' to 440'. R/D cementers. L/D 14 joints and TOOH. WOC overnight. Shut in and secured well.

6/14/23 Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. TIH and did not tag plug #3. L/D joints to 879'. R/U cementing services. Pumped plug #3 from 879' to 440'. R/D cementers. L/D 14 joints

and TOOH. WOC 4 hours. TIH and tagged plug #3 at 890'. R/U cementing services. Continued pumping plug #3 from 890' to 440'. R/D cementers. L/D 14 joints and TOOH. WOC 4 hours. TIH and tagged plug #3 at 830'. R/U cementing services. Continued pumping plug #3 from 830' to 440'. R/D cementers and TOOH. WOC overnight. Secured and shut in well.

6/15/23 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 plug #3 at 825'. R/U cementing services. Pumped 10 bbls of LCM followed by cement from 825' to 440'. RD cementers. LD 14 joints and TOOH. WOC overnight. Shut in and secured well.

5/20/23 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 410'. R/U cementing services. Pumped mud/gel spacer from 410' to 165'. TOOH. Attempted to pressure test casing but was unsuccessful. P/U packer. Set packer at 155'. Attempted to pressure test above and below packer, both testes failed. R/U wireline services. RIH and perforated at 165'. POOH. P/U CR. TIH and set CR at 155'. R/U cementing services. Pumped plug #4 into retainer and out BH valve with 67 sacks, stung out of retainer and pumped cement to surface with 13 sx. R/D floor, ND BOP, NU WH. Used backhoe to expose WH. Set up welding unit on location. Performed wellhead cutoff. Removed old wellhead. Filled casing to surface with 16 sacks. Welder attached marker per NMOCD regulations. R/D and prepare to MOL.

Plug Summary:

Plug #1: (San Andres Perforations and Formation Top, 2,580'-1,883', 73 Sacks Type I/II Cement)

P/U 4.5" CR. TIH and set at 2580'. R/U cementing services. Successfully circulated hole with 4 bbls, pumped 15 bbls total. Attempted to pressure test casing but was unsuccessful. TOOH for wireline. TIH to 2580'. R/U cementing services. Pumped plug #1 from 2580' to 1892'. R/D cementers. L/D 21 joints and TOOH. WOC 4 hours. TIH. Before tagging, cement started coming out of the tubing. Reverse circulated at 1890' and TOOH. TIH and tagged plug #1 at 2160'. R/U cementing services. Continued pumping plug #1 from 2160' to 1892'. R/D cementers. L/D 9 joints and TOOH. WOC 4 hours. TIH and tagged plug #1 at 1883'.

Plug #2: (Queen Formation Top 1,591'-1,432', 54 Sacks Type I/II Cement)

R/U wireline services. RIH and perforated at 1540'. POOH. P/U packer. TIH and set packer at 1041', EOT at 1138'. R/U cementing services. Attempted to establish an injection rate, but fluid began coming out casing. R/D cementers. Unset packer and L/D one joint. Set packer at 1009', EOT at 1106'. R/U cementers. Attempted to establish an injection rate but again fluid began coming out of the casing. R/D cementers. Unset packer and L/D one joint. Set packer at 978', EOT at 1075'. R/U cementers Attempted to establish an injection rate but again fluid began coming out of the casing. Unset packer and TOOH, removed packer. TIH to 1591'. R/U cementing services. Pumped plug #2 from 1591' to approximately 1158'. R/D cementers. L/D 17 joints and TOOH. WOC overnight. TIH and tagged plug #2 at 1432'.

Plug #3: (Yates Formation Top, 879' to 410', 165 Sacks Type I/II Cement)

R/U wireline services. TIH and perforated at 822'. POOH. TIH to 879'. R/ U cementing services. Pumped plug #3 from 879' to 440'. WOC overnight. TIH and did not tag plug #3. L/D joints to 879'. R/U cementing services. Pumped plug #3 from 879' to 440'. R/D cementers. L/D 14 joints and TOOH. WOC 4 hours. TIH and tagged plug #3 at 890'. R/U cementing services. Continued pumping plug #3 from 890' to 440'. R/D cementers. L/D 14 joints and TOOH. WOC 4 hours. TIH and tagged plug #3 at 830'. R/U cementing services. Continued pumping plug #3 from 830' to 440'. R/D cementers and TOOH. WOC overnight. TIH and tagged plug #3 at 825'. R/U cementing services. Pumped 10 bbls of LCM followed by cement from 825' to 440'. RD cementers. LD 14 joints and TOOH. WOC overnight. TIH and tagged plug #3 at 410'.

Plug #4: (Surface Casing Shoe, 165' to Surface', 96 Sacks Type I/II Cement (16 sx for top off))

R/U wireline services. RIH and perforated at 165'. POOH. P/U CR. TIH and set CR at 155'. R/U cementing services. Pumped plug #4 into retainer and out BH valve with 67 sacks, stung out of retainer and pumped cement to surface with 13 sx. R/D floor, ND BOP, NU WH. Used backhoe to expose WH. Set up welding unit on location. Performed wellhead cutoff. Removed old wellhead. Filled casing to surface with 16 sacks. Welder attached marker per NMOCD regulations. R/D and prepare to MOL.

Completed Wellbore Diagram

Blue Sky NM Inc.
Twin Lakes San Andres Unit #109
API: 30-005-61772
Chaves County, New Mexico

Surface Casing

8.625" 24# @ 115 ft
OH: 9.875'

Retainer @ 155 feet

Plug 4

165 feet - surface
165 foot plug
96 Sacks of Type III Cement

Plug 3

879 feet - 410 feet
469 foot plug
165 Sacks of Type III Cement

Plug 2

1591 feet - 1432 feet
159 foot plug
54 Sacks of Type III Cement

Plug 1

2580 feet - 1883 feet
697 foot plug
73 sacks of Type III Cement

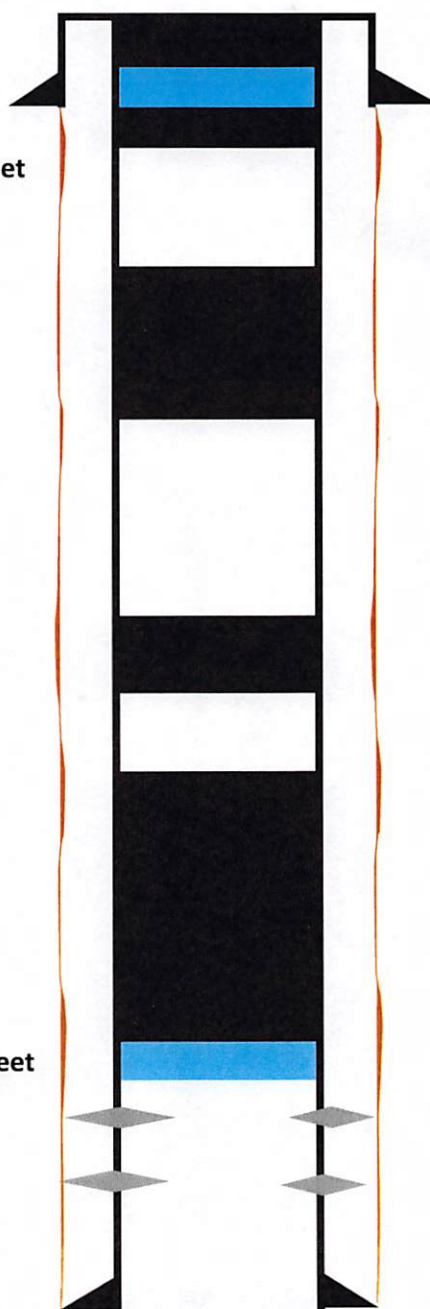
Perforations

2632 feet - 2664 feet

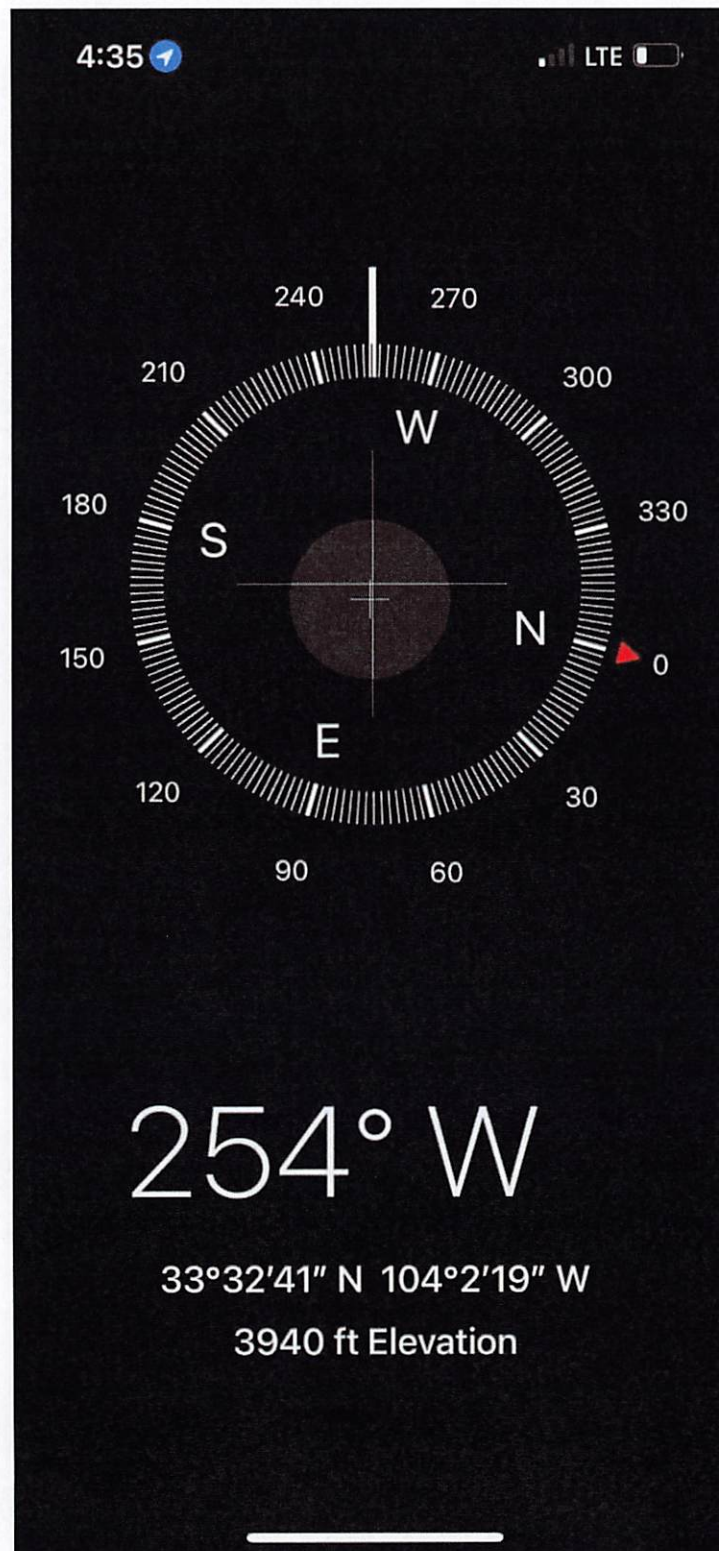
Production Casing

4.5" 10.5# @ 2745 feet
OH: 7.625"

Retainer @ 2580 feet









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
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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 242324

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 242324
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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