

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
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 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. 30-005-60571																				
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 Unit																				
4. Well Location Unit Letter <u>N</u> : <u>330</u> feet from the <u>S</u> line and <u>2310</u> feet from the <u>W</u> line Section <u>25</u> Township <u>08S</u> Range <u>28E</u> NMPM _____ County <u>Chaves</u>		8. Well Number <u>010</u>																				
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		10. Pool name or Wildcat Cato; San Andres																				
<table border="0"> <tr> <td colspan="2"> NOTICE OF INTENTION TO: </td> <td colspan="2"> SUBSEQUENT REPORT OF: </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&A</td> </tr> </table>			NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		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 Drake McCulloch TITLE Authorized Representative DATE 12/17/22

TYPE OR PRINT NAME Drake McCulloch E-MAIL: drake@dwsrigs.com PHONE (505) 320-1180

For State Use Only

APPROVED BY: Released to Imaging: 11/12/2024 1:28:12 PM TITLE _____ DATE _____

Blue Sky NM, INC.

Plug And Abandonment End Of Well Report

Twin Lakes San Andres Unit #010

330' FSL & 2310' FWL, Section 25, 08S, 28E

Chaves County, NM / API 30-005-60571

Work Summary:

- 11/19/22** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 11/20/22** 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. Released tubing anchors. TOOH with 33 joints. Preformed rig maintenance while waiting on rig pit to arrive. Moved drilling package to location. Secured and shut in well for the day.
- 11/21/22** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Offloaded fishing tools, drill collars and tongs from hot shot truck. Set up tongs. P/U a skirted mill and drill collars. TIH and tagged at 2407'. R/U power swivel and began milling. Milled 38'. Circulated well with 20 bbls of fresh water. R/D power swivel. TOOH. Secured and shut in well for the day.
- 11/22/22** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. P/U 5.5" scraper. Round trip to 2447'. P/U CR. TIH and set CR at 2447'. Circulate hole with fresh water. Attempted to pressure test but was unsuccessful. Pumped plug #1 from 2447' to approximately 1829' to cover the San Andres formation top with 72 sx type I/II cement. Displaced with fresh water. TOOH. Secured and shut in well for the day.

- 11/29/22** 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 1901'. R/U cementing services. Continued pumping plug #1 from 1901' to approximately 1801'. TOOH. WOC 4 hours. R/U wireline services. RIH and logged well. TIH with tubing and tagged top of plug #1 at 1831. Pumped mud spacer from 1831' to 1512'. Tripped tubing to 1512'. Attempted to pressure test but was unsuccessful. R/U cementing services. Began pumping plug #2 from 1512' to 1380'. TOOH. WOC overnight. Secured and shut in well for the day.
- 11/30/22** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged top of plug #2 at 1421'. R/U cementing services. Continued pumping plug #2 from 1421' to 1380' with 5 sx of type I/II cement. TOOH. WOC 4 hours. TIH and tagged top of plug #2 at 1421' again. R/U cementing services. Continued pumping plug #2 from 1421' to 1380 with 5 sx type I/II cement. TOOH. WOC 4 hours. TIH and tagged top of plug #2 at 1383'. TOOH. Secured and shut in well for the day.
- 12/01/22** 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 services. RIH and perforated at 1360'. POOH. P/U packer. TIH and set packer at 1110'. Successfully established injection rate. R/U cementing services. Pumped plug #3 from 1360' to 1210' with 43 sx (25 sx in annulus 18 in 5.5" casing). TOOH with packer. WOC 4 hours. TIH, did not tag plug #3. TOOH. P/U packer. TIH and set packer at 1110'. Successfully established injection rate. R/U cementing services. Repumped plug #3 from 1360' to 1210' with 43 sx (25 sx in annulus 18 in 5.5" casing). TOOH with packer. Secured and shut in well for the day.
- 12/02/22** 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 plug #3 at 1296'. R/U cementing services. Continued pumping plug #3 from 1296' to 1210' with 10 sx. TOOH. WOC 4 hours. TIH and tagged at 1258'. Mixed and pumped a mud gel spacer from 1258' to 861'. Attempted to pressure test casing but was unsuccessful. TOOH with tubing. R/U wireline services. RIH and perforated at 861'. POOH. P/U packer. TIH and set at 511'. Successfully established and injection rate. R/U cementing services. Pumped plug #4 from 861' to 611'. Plug #4 consisted of 70 sx, 29 sx in 5.5" casing and 41 sx in annulus. TOOH with 5.5" packer. WOC overnight. Secured and shut in well for the day.

- 12/03/22** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH, did not tag plug #4. Tagged plug #3 at 1258'. TOOH with tubing. P/U packer. TIH and set at 511'. Successfully established and injection rate. R/U cementing services. Re-pumped plug #4 from 861' to 611'. Plug #4 consisted of 70 sx, 29 sx in 5.5" casing and 41 sx in annulus. TOOH with 5.5" packer. WOC 4 hours. TIH, and again did not tag plug #4. Tagged plug #3 at 1258'. TOOH with 10 joints. Established circulation with 3 bbls. R/U cementing services. Re-pumped plug number #4 from 911' to 511' with 47 sx. TOOH. WOC overnight. Secured and shut in well for the day.
- 12/04/22** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH, did not tag plug #4. Tagged plug #3 at 1258'. TOOH with 10 joints. R/U cementing services. Re-pumped plug number #4 from 911' to 511' with 47 sx. TOOH. WOC 4 hours. TIH, did not tag plug #4. Tagged plug #3 at 1258'. TOOH with 10 joints. R/U cementing services. Re-pumped plug number #4 from 911' to 411' (500') with 58 sx. TOOH with tubing. WOC 4 hours. TIH and tagged cement at 1181'. TOOH to 911'. R/U cementing services. Repumped plug #4 from 911' to 411' with 58 sx. WOC overnight. Secured and shut in well for the day.
- 12/05/22** 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 1173'. Mixed LCM spacer and spotted between 1173' and 861'. TOOH to 911'. R/U cementing services. Re-pumped plug #4 from 911' to 411' with 58 sx. TOOH. WOC 4 hours. TIH and tagged at 1119'. TOOH to 911'. R/U cementing services. Re-pumped plug #4 from 911' to 411'. TOOH. WOC overnight. Secured and shut in well for the day.
- 12/06/22** 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 780'. Attempted to pressure test but was unsuccessful. R/U cementing services. Continued pumping plug #4 from 780' to 611' with 20 sx. TOOH. WOC 4 hours. TIH and tagged at 748'. Mixed and spotted 10 bbls of LCM. Waited on LCM for 45 min. R/U cementing services. Continued pumping plug #4 from 748' to 511' with 31 sx. TOOH. WOC 4 hours. TIH and tagged top of Plug #4 at 746'. R/U cementing services. Continued pumping plug #4 from 746' to 511' with 31 sx. TOOH. WOC overnight. Secured and shut in well for the day.
- 12/07/22** 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 746'. R/U cementing services. Continued pumping plug #4 from 746' to 300' with 52 sx. TOOH. WOC 4 hours. TIH and tagged top of plug #4 at 746'. Batch mixed 10 bbls of LCM and displaced with fresh water. R/U cementing services. Continued pumping plug #4 from 746' to 200' with 63 sx. TOOH. WOC 4 hours. TIH and tagged top of plug #4 at 746'. TOOH and shutdown for the night. Secured and shut in well.

12/08/22 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 746'. R/U cementing services. Continued pumping plug #4 from 746' to 200' with 63 sx. TOOH. WOC 4 hours. TIH and tagged top of plug #4 at 645'. R/U cementing services. Continued pumping plug #4 from 645' to 500' with 17 sx. TOOH. WOC 4 hours. TIH and tagged top of plug #4 at 490'. TOOH and shutdown for the night. Secured and shut in well.

12/09/22 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 services. RIH and perforated at 170'. POOH. TIH with tubing. Successfully established an injection rate. R/U cementing services. Pumped plug #5 from 710' to surface with 133 sx in the annulus and 20 sacks in the 5.5" casing. TOOH. Rig down all equipment and prepare for rig move.

12/12/22 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. Tagged Cement at 5'. Topped off with 6 sx. Welder attached marker per NMOCD regulations.

Plug Summary:

Plug #1: (San Andres Perforations and Formation Top, 2,447'-1,831', 84 Sacks Type I/II Cement)

TIH and set CR at 2447'. Circulate hole with fresh. Attempted to pressure test but was unsuccessful. Pumped plug #1 from 2447' to approximately 1829' to cover the San Andres formation top with 72 sx type I/II cement. Displaced with fresh water. TIH and tagged plug #1 at 1901'. R/U cementing services. Continued pumping plug #1 from 1901' to approximately 1801'. TOOH. WOC 4 hours. R/U wireline services. RIH and logged well. TIH with tubing and tagged top of plug #1 at 1831.

Plug #2: (Queen Formation Top 1,512-1,383', 25 Sacks Type I/II Cement)

Tripped tubing to 1512'. Attempted to pressure test but was unsuccessful. R/U cementing services. Began pumping plug #2 from 1512' to 1380'. TOOH. WOC overnight. TIH and tagged top of plug #2 at 1421'. R/U cementing services. Continued pumping plug #2 from 1421' to 1380' with 5 sx of type I/II cement. TOOH. WOC 4 hours. TIH and tagged top of plug #2 at 1421' again. R/U cementing services. Continued pumping plug #2 from 1421' to 1380 with 5 sx type I/II cement. TOOH. WOC 4 hours. TIH and tagged top of plug #2 at 1383'.

Plug #3: (Queen Formation Top continued, 1,360' to 1,258', 86 Sacks Type I/II Cement)

R/U wireline services. RIH and perforated at 1360'. POOH. P/U packer. TIH and set packer at 1110'. Successfully established injection rate. R/U cementing services. Pumped plug #3 from 1360' to 1210' with 43 sx (25 sx in annulus 18 in 5.5" casing). TOOH with packer. WOC 4 hours. TIH, did not tag plug #3. TOOH. P/U packer. TIH and set packer at 1110'. Successfully established injection rate. R/U cementing services. Repumped plug #3 from 1360' to 1210' with 43 sx (25 sx in annulus 18 in 5.5" casing). TOOH with packer. TIH and tagged plug #3 at 1296'. R/U cementing services. Continued pumping plug #3 from 1296' to 1210' with 10 sx. TOOH. WOC 4 hours. TIH and tagged at 1258'.

Plug #4: (Yates formation top, 911' to 490', 743 Sacks Type I/II Cement)

R/U wireline services. RIH and perforated at 861'. POOH. P/U packer. TIH and set at 511'. Successfully established and injection rate. R/U cementing services. Pumped plug #4 from 861' to 611'. Plug #4 consisted of 70 sx, 29 sx in 5.5" casing and 41 sx in annulus. TOOH with 5.5" packer. WOC overnight. TIH, did not tag plug #4. Tagged plug #3 at 1258'. TOOH with tubing. P/U packer. TIH and set at 511'. Successfully established and injection rate. R/U cementing services. Re-pumped plug #4 from 861' to 611'. Plug #4 consisted of 70 sx, 29 sx in 5.5" casing and 41 sx in annulus. TOOH with 5.5" packer. WOC 4 hours. TIH, and again did not tag plug #4. Tagged plug #3 at 1258'. TOOH with 10 joints. Established circulation with 3 bbls. R/U cementing services. Re-pumped plug number #4 from 911' to 511' with 47 sx. TOOH. WOC overnight. TIH, did not tag plug #4. Tagged plug #3 at 1258'. TOOH with 10 joints. R/U cementing services. Re-pumped plug number #4 from 911' to 511' with 47 sx. TOOH. WOC 4 hours. TIH, did not tag plug

#4. Tagged plug #3 at 1258'. TOOH with 10 joints. R/U cementing services. Re-pumped plug number #4 from 911' to 411' (500') with 58 sx. TOOH with tubing. WOC 4 hours. TIH and tagged cement at 1181'. TOOH to 911'. R/U cementing services. Repumped plug #4 from 911' to 411' with 58 sx. WOC overnight. TIH and tagged at 1173'. Mixed LCM spacer and spotted between 1173' and 861'. TOOH to 911'. R/U cementing services. Re-pumped plug #4 from 911' to 411' with 58 sx. TOOH. WOC 4 hours. TIH and tagged at 1119'. TOOH to 911'. R/U cementing services. Re-pumped plug #4 from 911' to 411'. TOOH. WOC overnight. TIH and tagged at 780'. Attempted to pressure test but was unsuccessful. R/U cementing services. Continued pumping plug #4 from 780' to 611' with 20 sx. TOOH. WOC 4 hours. TIH and tagged at 748'. Mixed and spotted 10 bbls of LCM. Waited on LCM for 45 min. R/U cementing services. Continued pumping plug #4 from 748' to 511' with 31 sx. TOOH. WOC 4 hours. TIH and tagged top of Plug #4 at 746'. R/U cementing services. Continued pumping plug #4 from 746' to 511' with 31 sx. TOOH. WOC overnight. TIH and tagged at 746'. R/U cementing services. Continued pumping plug #4 from 746' to 300' with 52 sx. TOOH. WOC 4 hours. TIH and tagged top of plug #4 at 746'. Batch mixed 10 bbls of LCM and displaced with fresh water. R/U cementing services. Continued pumping plug #4 from 746' to 200' with 63 sx. TOOH. WOC 4 hours. TIH and tagged top of plug #4 at 746'. TIH and tagged at 746'. R/U cementing services. Continued pumping plug #4 from 746' to 200' with 63 sx. TOOH. WOC 4 hours. TIH and tagged top of plug #4 at 645'. R/U cementing services. Continued pumping plug #4 from 645' to 500' with 17 sx. TOOH. WOC 4 hours. TIH and tagged top of plug #4 at 490'.

Plug #5: (Surface Casing, 170' to Surface', 159 Sacks Type I/II Cement (6 sx for top off))

R/U wireline services. RIH and perforated at 170'. POOH. TIH with tubing. Successfully established an injection rate. R/U cementing services. Pumped plug #5 from 710' to surface with 133 sx in the annulus and 20 sacks in the 5.5" casing. TOOH. Used backhoe to safely expose wellhead. R/U water jet wellhead cutter. Preformed water jet cutoff. Removed old wellhead. Tagged Cement at 5'. Topped off with 6 sx. Welder attached marker per NMOCD regulations.

Completed Wellbore Diagram

Blue Sky NM Inc.
Twin Lakes San Andres Unit #010
API: 30-005-60571
Chaves County, New Mexico

Surface Casing

8.625" 20# @ 122 ft
OH: 12.25"

Plug 5

170 feet - Surface
170 foot plug
159 Sacks of Type I/II Cement

Plug 4

911 feet - 490 feet
421 foot plug
743 Sacks of Type I/II Cement

Plug 3

1360 feet - 1258 feet
102 foot plug
86 Sacks of Type I/II Cement

Plug 2

1512 feet - 1383 feet
129 foot plug
25 Sacks of Type I/II Cement

Plug 1

2447 feet - 1831 feet
616 foot plug
84 sacks of Type I/II Cement

Formation

Yates - 861 feet
Queens - 1462 feet
San Andres - 1929 feet

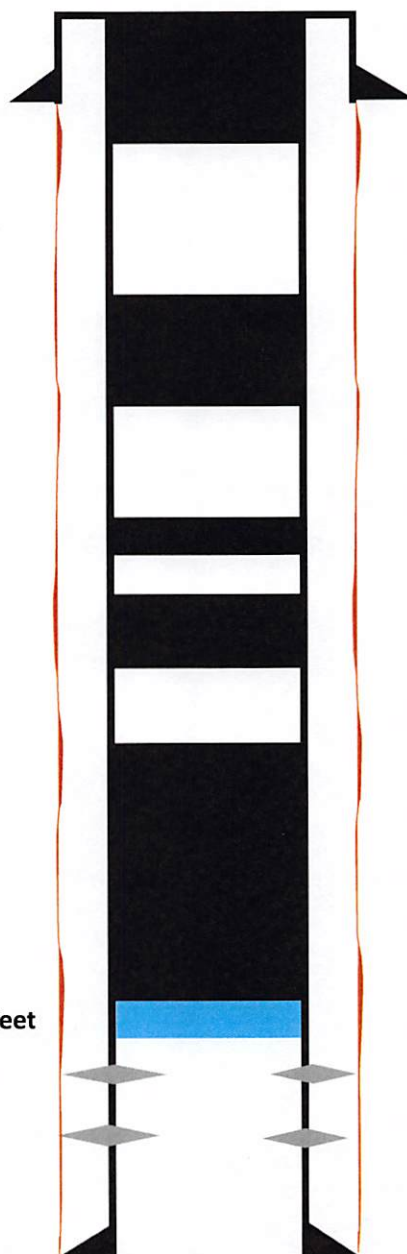
Retainer @ 2515 feet

Perforations

2565 feet - 2599 feet

Production Casing

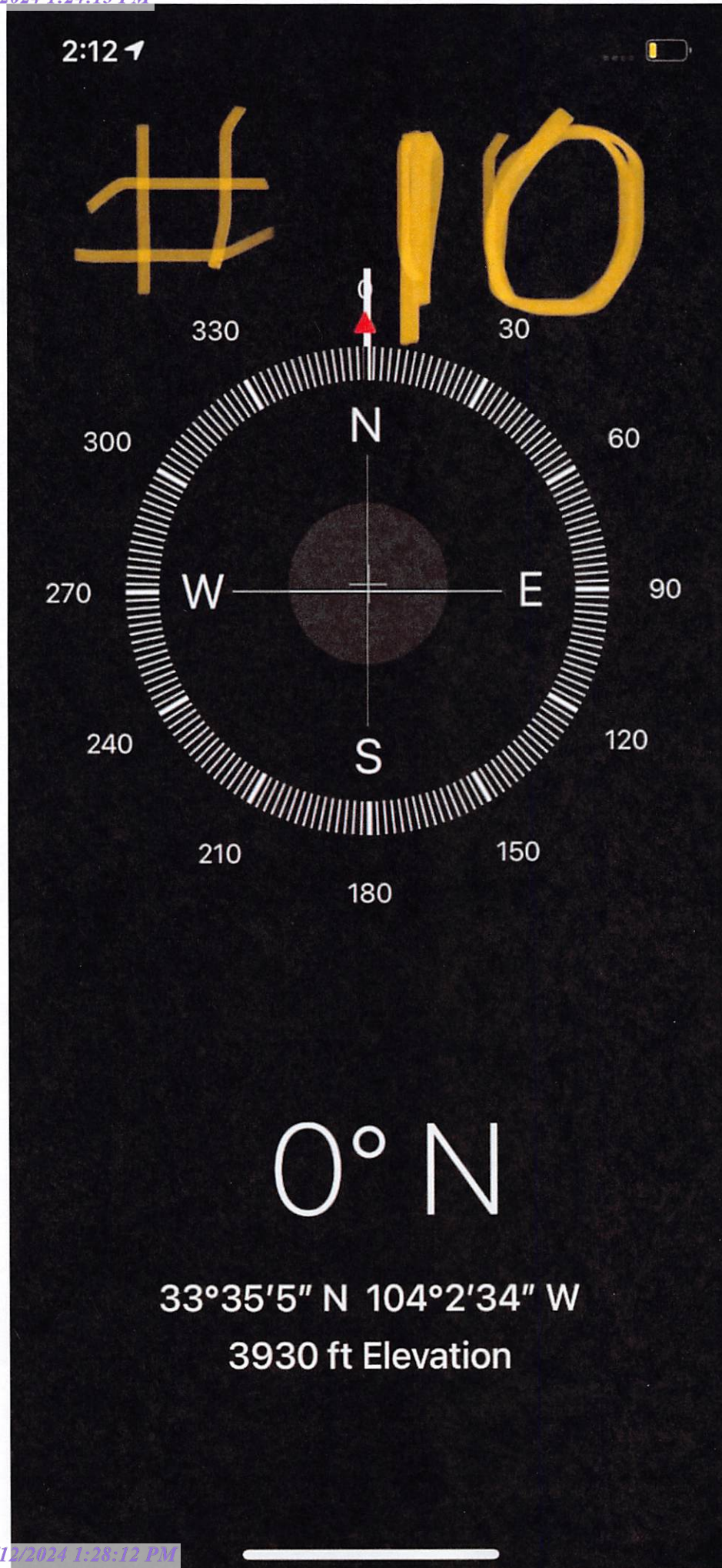
5.5" 14# @ 2713 feet
OH: 7.875"











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

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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 401328

CONDITIONS

Operator: BLUE SKY NM, INC. 7941 Katy Freeway Houston, TX 77024	OGRID: 300825
	Action Number: 401328
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	11/12/2024