

State of New Mexico
Energy, Minerals and Natural ResourcesForm **C-405** Page 1 of 10
Revised July 18, 2013

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

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

WELL API NO. 30-005-60622
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Union Happy
8. Well Number: 002
9. OGRID Number: 269864
10. Pool name or Wildcat BULL'S EYE; SAN ANDRES
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator

Canyon E&P

3. Address of Operator

251 O'Conner Ridge Blv, Suite 255, Irving, TX 75038

4. Well Location

Unit Letter: J : 1650 feet from the S line and 1650 feet from the E line

Section 1 Township 08S Range 28E NMPM County: Chaves

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 ☐DOWNHOLE COMMINGLE ☐CLOSED-LOOP SYSTEM ☐OTHER: ☐

SUBSEQUENT REPORT OF:

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

See Plugging Procedure/Events Below

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: 11/16/23

Type or print name: Ethan Wakefield

E-mail address: e.wakefield@dwsrigs.com

PHONE: (405)343-7736

For State Use Only

APPROVED BY: John Garcia

TITLE Supervisor

DATE 12/22/23

Conditions of Approval (if any):

Canyon E&P

Plug And Abandonment End Of Well Report

Union Happy #002

1650' FSL & 1650' FEL, Section 01, 08S, 28E

Chaves County, NM / API 30-005-60622

Work Summary:

- 10/30/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 10/31/23** Arrived on Union Happy #1 and held safety meeting. Prepped road, location and WH using backhoe. Moved unit and equipment to Union Happy #2. Spot in equipment and unit. R/U rig and all equipment. R/U cementing services. Pumped 38 bbls of fresh water mixed with H2S scavenger. Well pressured up. H2S levels were okay. R/D cementers. L/D horses head. Worked rod string. L/D polished rod, 103 5/8" stick rods, two 4' ponies, two 6' ponies, and rod pump. ND WH, NU BOP. R/U floor and equipment. Worked tubing string. L/D 86 2-3/8" joints, SN, 4' perforated pup, one 2-3/8" joint with a bull plug. R/U wireline services. Completed a gauge ring run to 2557'. R/D wireline services. Prepped and tallied 2-3/8" work string. P/U 4.5" CR. TIH and set CR at 2518'. Shut in and secured well.
- 11/1/23** Arrived on location and held safety meeting. Checked well pressures. Wait on cementing services. Did rig maintenance and cleaned up location. Shut in and secure well.
- 11/2/23** Arrived on location and held safety meeting. Checked well pressures. R/U cementing services. Successfully circulated well with 20 bbls, pumped 40 bbls total. Attempted to pressure test casing but was unsuccessful. R/D cementers. TOO. R/U wireline services. RIH and logged well. POOH. TIH to 2518'. R/U cementing services. Pumped plug #1 from 2518' to 1845'. R/D cementers. L/D 22 joints and TOO. WOC 4 hours. TIH and tagged plug #1 at 2031'. R/U cementing services. Continued pumping plug #1 from 2031' to

1845'. R/D cementers. L/D 7 joints and TOOH. WOC overnight. Shut in and secured well.

11/3/23 Arrived on location and held safety meeting. Checked well pressures. TIH and tagged plug #1 at 1812'. R/U cementing services. Successfully pressure tested casing to 800 psi. Pumped mud/gel spacer from 1812' to 1525'. R/D cementers. L/D 8 joints and TOOH. R/U wireline services. RIH and perforated at 1525'. POOH. P/U packer. TIH and set packer at 1030' with EOT at 1125'. R/U cementing services. Established an injection rate. Pumped plug #2 from 1525' to 1163'. R/D cementers. Unset packer and TOOH. WOC 4 hours. TIH and tagged plug #2 at 1156'. R/U cementing services. Pumped mud/gel spacer from 1156' to 980'. R/D cementers. L/D 7 joints and TOOH. R/U wireline services. RIH and perforated at 980'. POOH. Shut in and secured well.

11/4/23 Arrived on location and held safety meeting. Checked well pressures. P/U 4.5" packer. TIH and set packer at 469' with EOT at 562'. R/U cementing services. Successfully established an injection rate. Pumped plug #3 from 980' to 618'. R/D cementers. Unset packer and TOOH. WOC 4 hours. TIH and tagged plug #3 at 624'. R/U cementing services. Pumped mud/gel spacer from 624' to 294'. R/D cementers. L/D tubing. R/U wireline services. RIH and perforated at 294'. POOH. R/U cementing services. Successfully circulated water down 4.5" casing, into perforations at 294' and out BH valve at surface. Pump experienced issues. Shut in and secured well.

11/5/23 Arrived on location and held safety meeting. Checked well pressures. R/U cementing services. Successfully circulated water down 4.5" casing, into perforations at 294' and out BH valve at surface. Pumped plug #4 down 4.5" casing, into perforations at 294' and out BH valve at surface. RD cementers. RD floor, ND BOP, NU WH. RD unit and equipment. Prepare to MOL.

11/15/23 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. R/U cementers and topped off casing strings with 20 sx. Welder attached marker per NMOCD regulations.

Plug Summary:**Plug #1: (San Andres Perforations and Formation Top, 2,518'-1,812', 66 Sacks Type I/II Cement)**

P/U 4.5" CR. TIH and set CR at 2518'. Successfully circulated well with 20 bbls, pumped 40 bbls total. Attempted to pressure test casing but was unsuccessful. R/D cementers. TOOH. R/U wireline services. RIH and logged well. POOH. TIH to 2518'. R/U cementing services. Pumped plug #1 from 2518' to 1845'. R/D cementers. L/D 22 joints and TOOH. WOC 4 hours. TIH and tagged plug #1 at 2031'. R/U cementing services. Continued pumping plug #1 from 2031' to 1845'. R/D cementers. TIH and tagged plug #1 at 1812'. R/U cementing services. Successfully pressure tested casing to 800 psi.

Plug #2: (Queen Formation Top, 1,525' - 1,156', 107 Sacks Type I/II Cement)

R/U wireline services. RIH and perforated at 1525'. POOH. P/U packer. TIH and set packer at 1030' with EOT at 1125'. R/U cementing services. Established an injection rate. Pumped plug #2 from 1525' to 1163'. R/D cementers. Unset packer and TOOH. WOC 4 hours. TIH and tagged plug #2 at 1156'.

Plug #3: (Rustler, Yates, and & Rivers Formation Tops, 980' - 624', 107 Sacks Type I/II Cement)

R/U wireline services. RIH and perforated at 980'. P/U 4.5" packer. TIH and set packer at 469' with EOT at 562'. R/U cementing services. Successfully established an injection rate. Pumped plug #3 from 980' to 618'. R/D cementers. Unset packer and TOOH. WOC 4 hours. TIH and tagged plug #3 at 624'.

Plug #4: (Surface Casing Shoe, 294' to Surface', 140 Sacks Type I/II Cement (20 sx for top off))

R/U wireline services. RIH and perforated at 294'. POOH. R/U cementing services. Successfully circulated water down 4.5" casing, into perforations at 294' and out BH valve at surface. Performed wellhead cutoff. Removed old wellhead. R/U cementers and topped off casing strings with 20 sx. Welder attached marker per NMOCD regulations.

Completed Wellbore Diagram

Canyon E&P Company
Union Happy #002
API: 30-005-60622
Chaves County, New Mexico

Surface Casing

8.625" 20# @ 244 ft
OH: 12.25"

Plug 4

294 feet - Surface
294 foot plug
140 Sacks of Type I/II Cement

Plug 3

980 feet - 624 feet
356 foot plug
107 Sacks of Type I/II Cement

Plug 2

1525 feet - 1156 feet
369 foot plug
107 Sacks of Type I/II Cement

Plug 1

2518 feet - 1812 feet
706 foot plug
66 sacks of Type I/II Cement

Perforations

2568 feet - 2606 feet

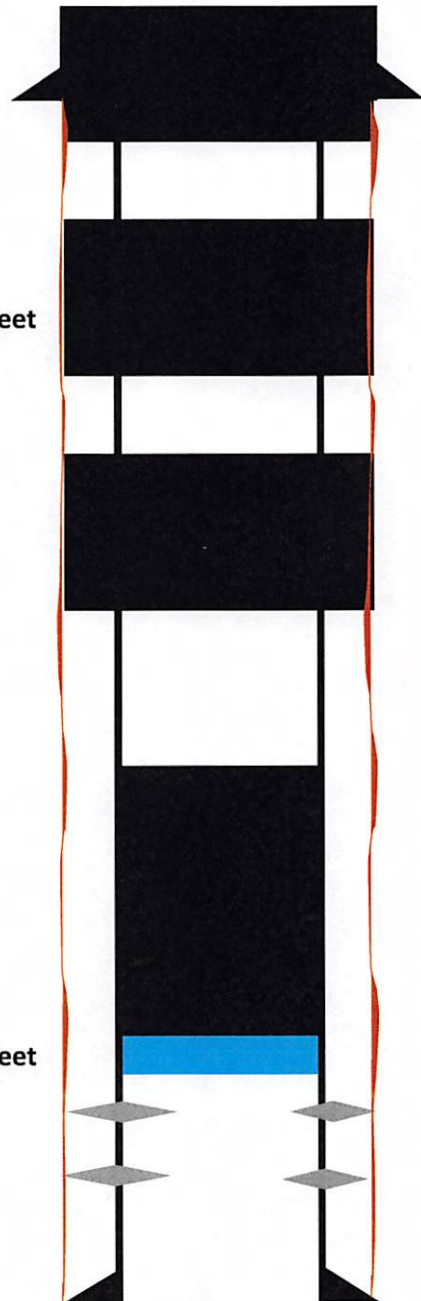
Formation

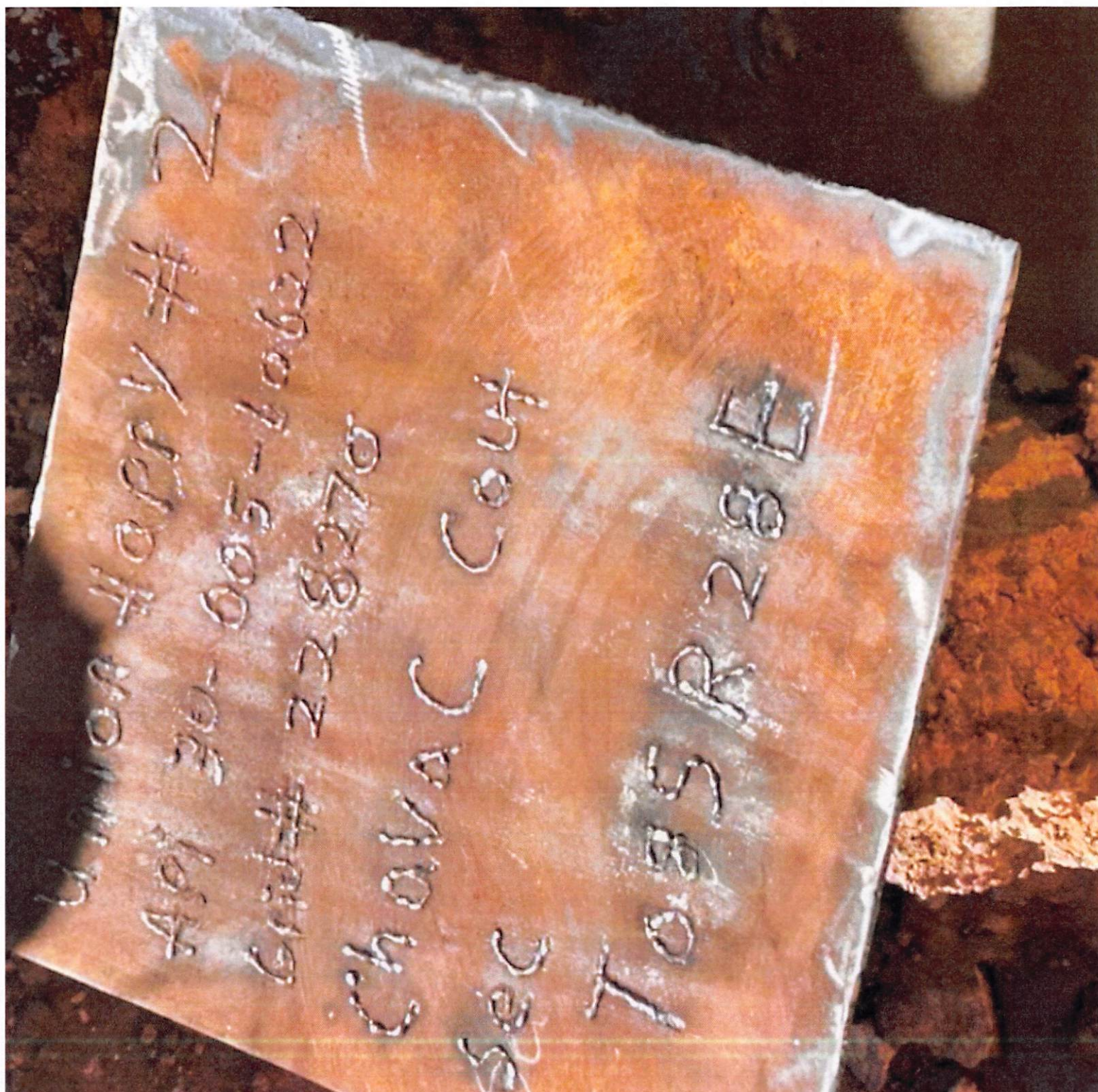
Rustler/Yates/7 Rivers - 795 feet
Queen - 1475 feet
San Andres - 1945 feet

Retainer @ 2518 feet

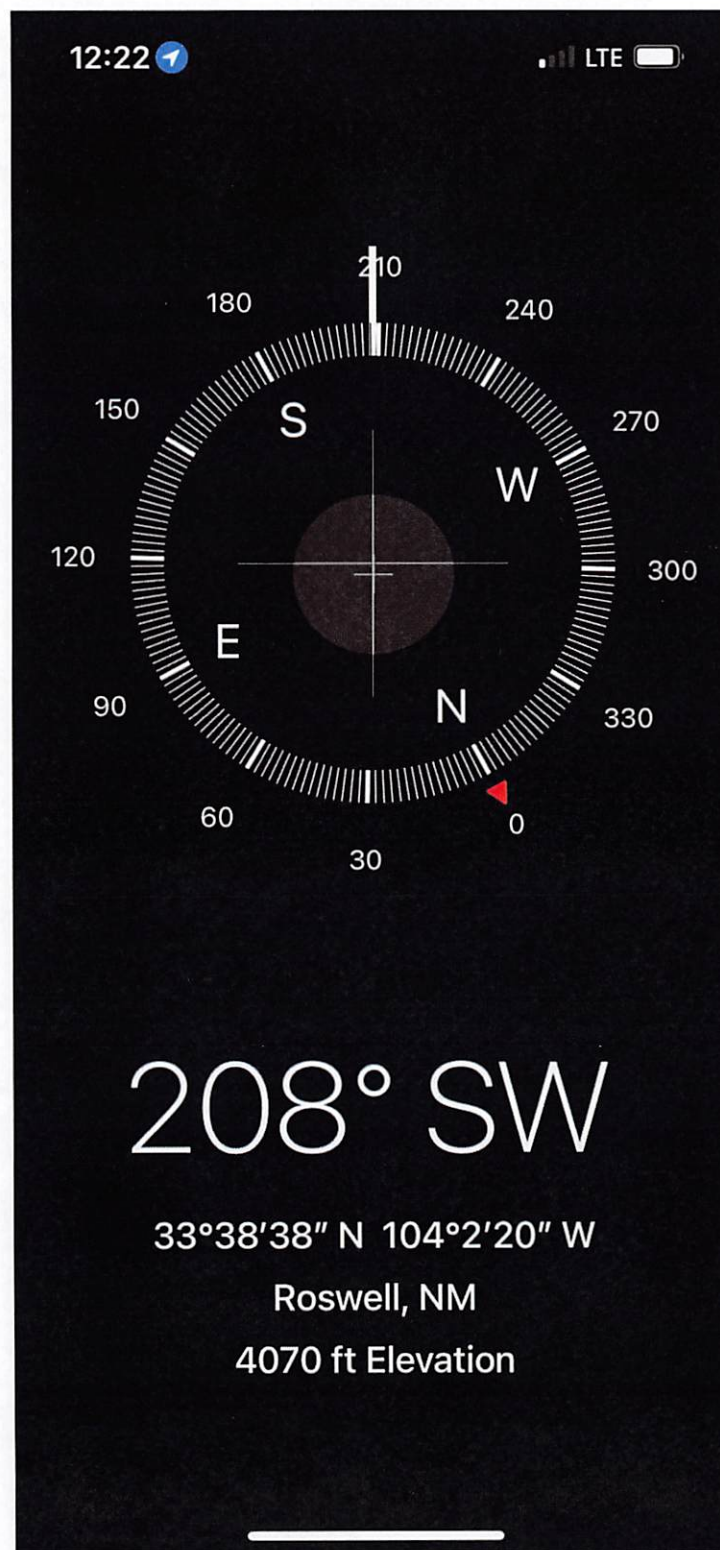
Production Casing

4.5" 10.5# @ 2800 feet
OH: 7.875"











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CONDITIONS

Action 286837

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 286837
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	12/22/2023