

Submit 1 Copy To Appropriate District 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

State of New Mexico
Energy, Minerals and Natural ResourcesOIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103

Revised July 18, 2013

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. 30-005-60817
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Canyon E&P		6. State Oil & Gas Lease No.
3. Address of Operator 251 O'Conner Ridge Blv, Suite 255, Irving, TX 75038		7. Lease Name or Unit Agreement Name Barkneht
4. Well Location Unit Letter: I : 2310 feet from the S line and 330 feet from the E line Section 12 Township 08S Range 28E NMPM County: Chaves		8. Well Number: 001
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number: 269864
10. Pool name or Wildcat BULL'S EYE;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 ☐
 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.

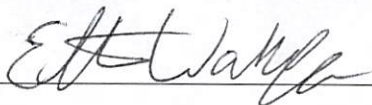
See Plugging Procedure/Events Below

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: 10/18/23

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 Company
~~XXXXXXX~~
~~Cano Petro~~

Plug And Abandonment End Of Well Report

Barknhet #001

2310' FSL & 330' FEL, Section 12, 08S, 28E

Chaves County, NM / API 30-005-60817

Work Summary:

- 9/25/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 9/26/23** Serviced and maintained rig. Prepped road and location of the Barknhet #001.
- 9/27/23** Arrived on location and held safety meeting. Checked well pressures. P/U casing scraper. TIH and tagged at 8'. TOOH. Pumped down hole. Attempted to TIH with scraper. Successfully TIH to 2718' with scraper. TOOH. Shut in well and secured location.
- 9/28/23** Arrived on location and held safety meeting. Checked well pressures. P/U 5.5" CR. TIH and set CR at 2670'. R/U cementing services. Attempted to pressure test well but was unsuccessful. TOOH. R/U wireline services. RIH and logged well. POOH. TIH with tubing. R/U cementing services. Was unable to pump cement due to pump issues. R/D cementers and worked on pump. Shut in and secured well.
- 9/29/23** Arrived on location and held safety meeting. Checked well pressures. TIH and tagged at 1000'. TOOH. P/U bit and swivel. TIH drilled out cement from 1000' to 1256'. TOOH. L/D swivel and bit. TIH to 2670'. R/U cementing services. Pumped plug #1 from 2670' to 2100'. L/D tubing to 2100'. Reverse circulated. TOOH and WOC. TIH and tagged plug #1 at 2240'. R/U cementing services. Continued pumping plug #1 from 2240' to 2100'. TOOH and WOC overnight.
- 9/30/23** Arrived on location and held safety meeting. Checked well pressures. TIH and tagged plug #1 at 2125'. TOOH. R/U wireline services. RIH and perforated at 2090'. POOH. P/U packer. TIH and set packer at

1851'. Checked injection rate and circulated on top of packer. TOOH and L/D packer. TIH to 2125'. Continued pumping plug #1 from 2125' to 1966'. TOOH. WOC. TIH and tagged plug #1 at 1950'. R/U cementing services. Pumped mud/gel spacer from 1950' to 1642'. TOOH. P/U packer. TIH and pressure tested casing from 1642' up until test passed at 1068'. TOOH. R/U wireline services. RIH and perforated at 1642'. Shutdown and secured well overnight.

10/1/23 Arrived on location and held safety meeting. Checked well pressures. P/U packer. TIH and set packer at 1288'. R/U cementing services. Pumped plug #2 from 1642' to 1392'. TOOH. WOC. TIH and tagged plug #2 at 1514'. R/U cementing services. Continued pumping plug #2 from 1514' to 1392'. WOC. TIH and tagged plug #2 at 1400'. Pumped mud/gel spacer from 1400' to 1108'. Shut down and secured well.

10/2/23 Arrived on location and held safety meeting. Checked well pressures. P/U packer. TIH and set packer at 700'. Successfully pressure tested casing above packer. Could not get a successfully pressure test below. TOOH. R/U wireline services. RIH and perforated at 1108'. POOH. P/U packer. TIH and set packer at 754'. Attempted to establish an injection rate, but wellbore pressured up to 500 psi. TOOH. L/D packer. TIH. R/U cementing services. Pumped plug #3 from 1108' to 852'. TOOH. WOC. TIH and tagged plug #3 at 1100'. R/U cementing services. Continued pumping plug #3 from 1100' to 852'. Shut in and secured well for the day.

10/3/23 Arrived on location and held safety meeting. Checked well pressures. TIH and tagged plug #3 at 850'. Pumped mud/gel spacer to 155'. TOOH. Successfully pressure tested casing. R/U wireline services. RIH and perforated at 155'. Pumped plug #4 down the casing, into the perforations, and out BH valve at surface. R/D equipment and prepare to MOL.

10/12/23 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 10' in 4.5" and tagged at surface in 8.6". Topped off 4.5" with 3 sx. Welder attached marker per NMOC regulations.

Plug Summary:

Plug #1: (San Andres Perforations and Formation Top, 2,670'-1,950', 98 Sacks Type I/II Cement)

P/U 5.5" CR. TIH and set CR at 2670'. R/U cementing services. Attempted to pressure test well but was unsuccessful. TOOH. Logged Well. TIH to 2670'. R/U cementing services. Pumped plug #1 from

2670' to 2100'. L/D tubing to 2100'. Reverse circulated. TOOH and WOC. TIH and tagged plug #1 at 2240'. R/U cementing services. Continued pumping plug #1 from 2240' to 2100'. TOOH and WOC overnight. TIH and tagged plug #1 at 2125'. TOOH. R/U wireline services. RIH and perforated at 2090'. POOH. P/U packer. TIH and set packer at 1851'. Checked injection rate and circulated on top of packer. TOOH and L/D packer. TIH to 2125'. Continued pumping plug #1 from 2125' to 1966'. TOOH. WOC. TIH and tagged plug #1 at 1950'.

Plug #2: (Queen Formation Top, 1,642' – 1,400', 80 Sacks Type I/II Cement)

R/U wireline services. RIH and perforated at 1642'. P/U packer. TIH and set packer at 1288'. R/U cementing services. Pumped plug #2 from 1642' to 1392'. TOOH. WOC. TIH and tagged plug #2 at 1514'. R/U cementing services. Continued pumping plug #2 from 1514' to 1392'. WOC. TIH and tagged plug #2 at 1400'.

Plug #3: (Yates Formation Top, 1,108' - 850', 61 Sacks Type I/II Cement)

P/U packer. TIH and set packer at 700'. Successfully pressure tested casing above packer. Could not get a successfully pressure test below. TOOH. R/U wireline services. RIH and perforated at 1108'. POOH. P/U packer. TIH and set packer at 754'. Attempted to establish an injection rate, but wellbore pressured up to 500 psi. TOOH. L/D packer. TIH. R/U cementing services. Pumped plug #3 from 1108' to 852'. TOOH. WOC. TIH and tagged plug #3 at 1100'. R/U cementing services. Continued pumping plug #3 from 1100' to 852'. WOC. TIH and tagged plug #3 at 850'.

Plug #4: (Surface Casing Shoe, 155' to Surface', 86 Sacks Type I/II Cement (3 sx for top off))

Successfully pressure tested casing. R/U wireline services. RIH and perforated at 155'. Pumped plug #4 down the casing, into the perforations, and out BH valve at surface. Performed wellhead cutoff. Removed old wellhead. Tagged cement at 10' in 4.5" and tagged at surface in 8.6". Topped off 4.5" with 3 sx. Welder attached marker per NMOCD regulations.

Completed Wellbore Diagram

Canyon E&P Company
Barkneht #001
API #: 30-005-60817
Chaves County, New Mexico

Surface Casing

8.625" 20# @ 105 ft
OH: 11

Plug 4

155 feet - surface
155 foot plug
86 Sacks of Type III Cement

Plug 3

1108 feet - 850 feet
258 foot plug
61 Sacks of Type III Cement

Plug 2

1642 feet - 1400 feet
242 foot plug
80 Sacks of Type III Cement

Plug 1

2670 feet - 1950 feet
720 foot plug
98 sacks of Type III Cement

Formation

Yates - 976 feet
Queen - 1592 feet
San Andres - 2066 feet

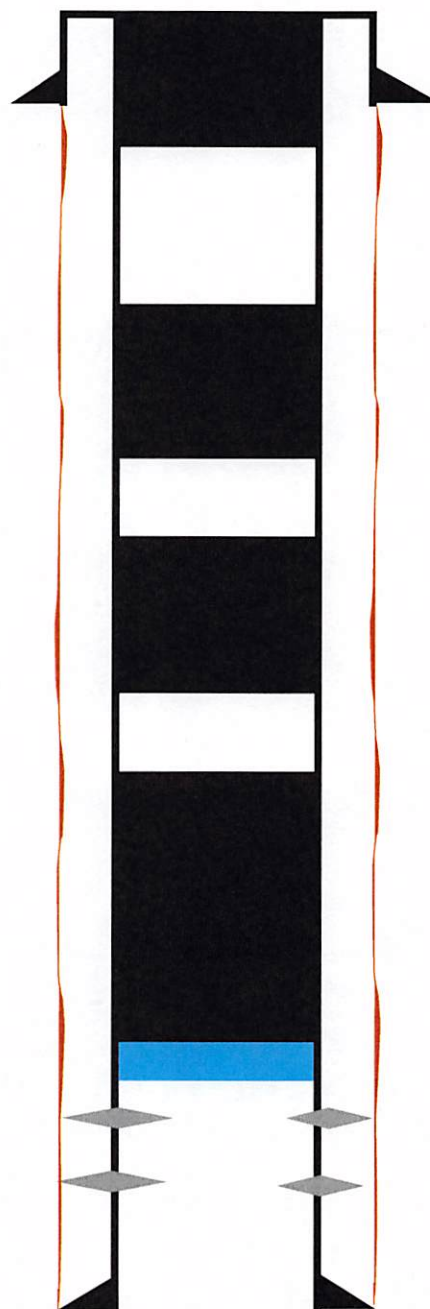
CR at 2670'

Perforations

2718 feet - 2740 feet

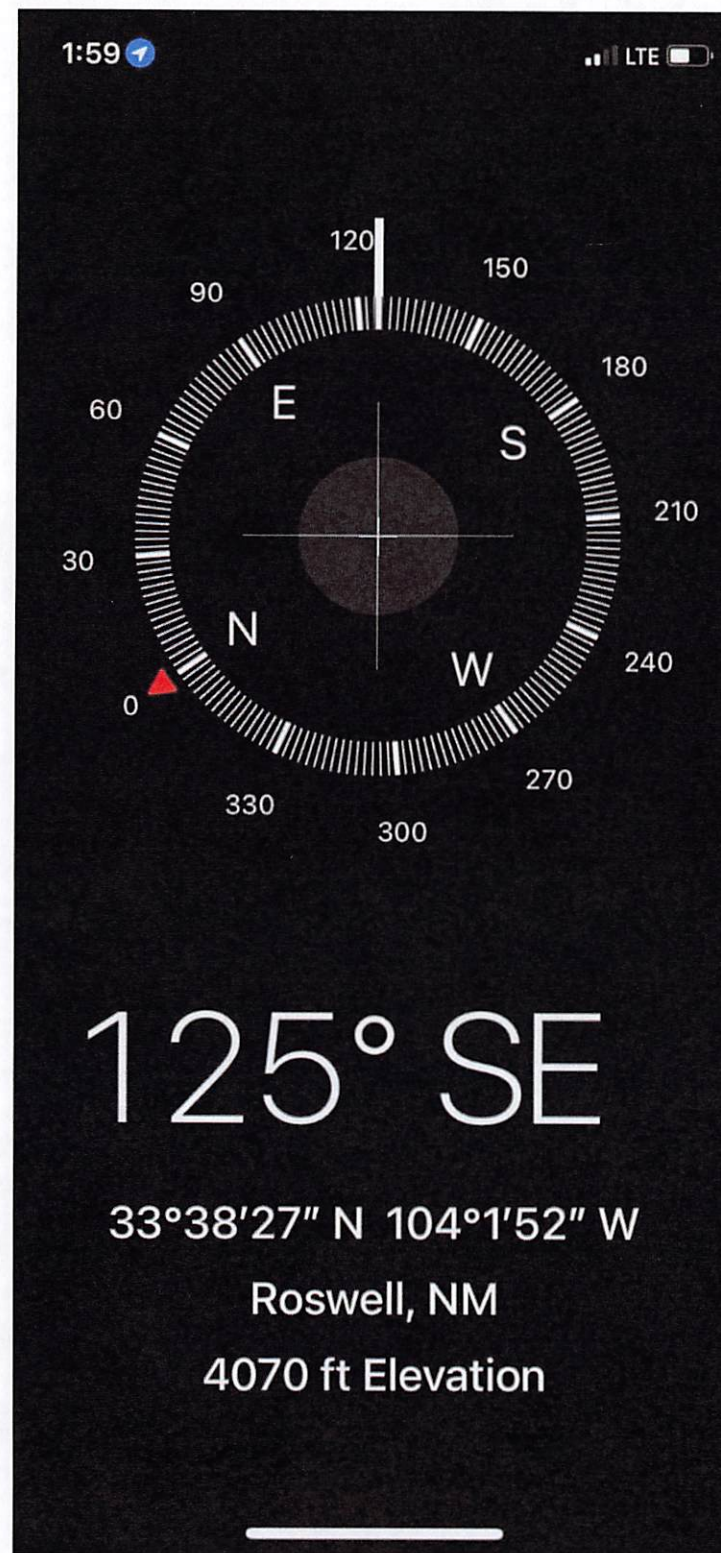
Production Casing

5.5" 15.5# @ 2862 feet
OH: 7.875











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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 278812

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 278812
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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