	State of New Mexico	Form C-103
Office District I	Energy, Minerals and Natural Resour	rces Revised November 3, 2011 WELL API NO.
1625 N. French Dr., Hobbs, NM 88240 <u>District II</u>	OIL CONSERVATION DIVISION	20 005 61021
811 S. First St., Artesia, NM 88210 District III	1220 South St. Francis Dr.	5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 87505	STATE FEE 6. State Oil & Gas Lease No.
District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa 1 6, 14141 67303	6. State Off & Gas Lease No.
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		7. Lease Name or Unit Agreement Name O'A O'Brien Fee 19
PROPOSALS.) 1. Type of Well: ⊠Oil Well □ Gas Well □ Other		8. Well Number 008
2. Name of Operator		9. OGRID Number
Canyon E&P Company		269864 10. Pool name or Wildcat
 Address of Operator O'Connor Ridge Blvd, Irving, TX 75038 		Twin Lake; San Andres
4. Well Location		7. 11. 11.
	from the \underline{S} line and $\underline{990}$ feet from the \underline{E}	
	NMPM County C	
	11. Elevation (Show whether DR, RKB, RT,	GR, etc.)
2. Check Appropriate Box to l	ndicate Nature of Notice, Report or 0	Other Data
NOTICE OF INT	ENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK	A STATE OF THE PARTY OF THE PAR	AL WORK ALTERING CASING
		NCE DRILLING OPNS. □ P AND A ⊠
PULL OR ALTER CASING	MULTIPLE COMPL CASING	CEMENT JOB
OTHER:	☐ ⊠ Loca	tion is ready for OCD inspection after P&A
All pits have been remediated in	compliance with OCD rules and the terms of	
✓ All pits have been remediated in✓ Rat hole and cellar have been fill	compliance with OCD rules and the terms of ed and leveled. Cathodic protection holes have	the Operator's pit permit and closure plan. we been properly abandoned.
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Canyon E&P Company

Plug And Abandonment End Of Well Report

O'Brien Fee 19 #008

330' FSL & 990' FEL, Section 19, 08S, 29E

Chaves County, NM / API 30-005-61021

Work Summary:

- **2/6/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- Arrived on location and held safety meeting. Prepared location using backhoe. Removed horses head. R/U P&A rig. Checked well pressures (see pressures below). Bled down well. N/U BOP and function tested. ND WH, RU floor. L/D rods (100) and tubing (85). Secured and shut in well for the day.
- 2/8/23 Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U 5.5" casing scraper. TIH to 2696'. L/D 2 joints and began TOOH, 3 joints in the rig experienced problems. Disassembled damaged rig components. Transported damaged components to Hobbs for repair. Secured and shut in well for the day.
- 2/9/23 Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Continue TOOH casing scraper. L/D scraper. P/U 5.5" CR. TIH and set CR at 2630'. Circulate hole with fresh water. R/U cementing services. Pump plug #1 from 2630' to 1950'. L/D 23 joints and TOOH. R/U wireline services. RIH to log well. POOH. Secured and shut in well for the day.
- 2/14/23 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 #1 at 1942'. Attempted to pressure

test casing but was unsuccessful. Pumped mud gel spacer from 1942' to 1615'. R/D cementers. L/D 11 joints and TOOH. R/U wireline services. RIH and perforated at 1615'. POOH. P/U 5.5" packer. TIH and set packer at 1245'. Successfully established injection rate. R/U cementing services. Pumped plug #2 into perforations at 1615' and in 5.5" casing to 1343', with 29 sx in 5.5" casing and 37 sx outside. TOOH. WOC 4 hours. TIH and tagged top of plug #2 at 1448'. R/U cementing services. Continued pumping plug #2 from 1448' to approximately 1360'. L/D 4 joints and TOOH. WOC overnight. Secured and shut in well for the day.

- Arrived on location and held safety meeting. Checked well 2/15/23 pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged top of plug #2 at 1343'. Attempted to pressure test casing but was unsuccessful. Pumped mud gel spacer from 1343' to 980'. R/D cementers. L/D 10 joints and TOOH. R/U wireline services. RIH and perforated at 980'. POOH. P/U 5.5" packer. TIH and set packer at 607'. Successfully established injection rate. R/U cementing services. Pumped plug #3 into perforations at 980' and in 5.5" casing to 701', with 29 sx in 5.5" casing and 37 sx outside. TOOH. WOC 4 hours. TIH and tagged top of plug #3 at 678'. R/U cementing services. Successfully pressure tested casing to 800 psi. Pumped mud/gel spacer from 678' to 170'. TOOH. R/U wireline service. RIH and perforated at 170'. POOH. R/U cementing services. Successfully circulated water down 5.5" casing, through perforations at 170', and out BH valve at surface. Began pumping plug #4 down 5.5" casing, through perforations at 170', and out BH valve at surface. R/D cementers. R/D floor, ND BOP, and NU WH. RD equipment and MOL.
- 2/17/23 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 7' in 5.5" casing, and 6' in 8.6" Casing. R/U cementing services and filled both casing strings to surface with 10 sx (5 sx in 5.5", 5 sx in 5"). Welder attached marker per NMOCD regulations.

Plug Summary:

Plug #1: (San Andres Perforations and Formation Top, 2,630'-1,942', 79 Sacks Type I/II Cement)

P/U 5.5" CR. TIH and set CR at 2630'. Circulate hole with fresh water. R/U cementing services. Pump plug #1 from 2630' to 1950'. L/D 23 joints and TOOH. R/U wireline services. RIH to log well. TIH and tagged top of plug #1 at 1942'.

Plug #2: (Queen Formation Top 1,615'-1,343', 76 Sacks (37 sx outside of casing, 39 inside) Type I/II Cement)

R/U wireline services. RIH and perforated at 1615'. POOH. P/U 5.5" packer. TIH and set packer at 1245'. Successfully established injection rate. R/U cementing services. Pumped plug #2 into perforations at 1615' and in 5.5" casing to 1343', with 29 sx in 5.5" casing and 37 sx outside. TOOH. WOC 4 hours. TIH and tagged top of plug #2 at 1448'. R/U cementing services. Continued pumping plug #2 from 1448' to approximately 1360'. L/D 4 joints and TOOH. WOC overnight. TIH and tagged top of plug #2 at 1343'.

Plug #3: (Yates Formation Top, 980' to 678', 66 Sacks (37 sx outside of casing, 39 inside) Type I/II Cement)

RIH and perforated at 980'. POOH. P/U 5.5" packer. TIH and set packer at 607'. Successfully established injection rate. R/U cementing services. Pumped plug #3 into perforations at 980' and in 5.5" casing to 701', with 29 sx in 5.5" casing and 37 sx outside. TOOH. WOC 4 hours. TIH and tagged top of plug #3 at 678'.

Plug #4: (Surface Casing Shoe, 170' to Surface', 78 Sacks (48 sx outside of casing, 20 inside) Type I/II Cement [5 sx for top off])

R/U wireline service. RIH and perforated at 170'. POOH. R/U cementing services. Successfully circulated water down 5.5" casing, through perforations at 170', and out BH valve at surface. Began pumping plug #4 down 5.5" casing, through perforations at 170', and out BH valve at surface. Used backhoe to safely expose wellhead. Set up welding unit on location. Performed wellhead cutoff. Removed old wellhead. Tagged cement at 7' in 5.5" casing, and 6' in 8.6" Casing. R/U cementing services and filled both casing strings to surface with 10 sx (5 sx in 5.5", 5 sx in 5"). Welder attached marker per NMOCD regulations.

Completed Wellbore Diagram

Canyon E&P Company
O'Brien Fee 19 #008
API: 30-005-61021
Chaves County, New Mexico

Surface Casing

8.625" 20# @ 120 ft OH: 11"

Plug 4

170 feet - surface 170 foot plug 66 Sacks of Type III Cement

Plug 3

980 feet - 678 feet 302 foot plug 66 Sacks of Type III Cement

Plug 2

1615 feet - 1343 feet 272 foot plug 76 Sacks of Type III Cement

Plug 1

2630 feet - 1942 feet 688 foot plug 79 sacks of Type III Cement

<u>Perforations</u>

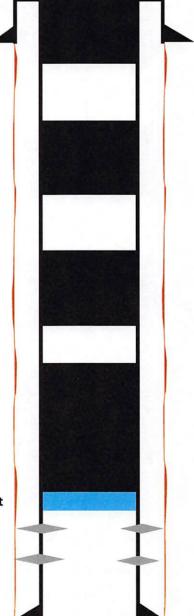
2680 feet - 2724 feet

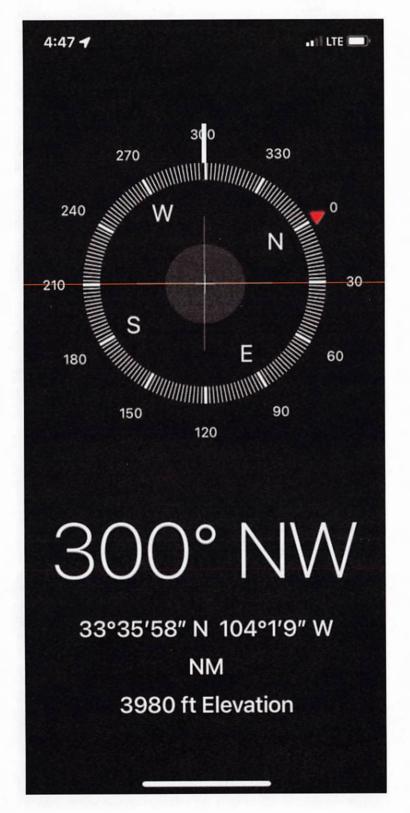
Formation

Yates - 910 feet Queens - 1530 feet San Andres - 2008 feet

Retainer @ 2630 feet

Production Casing 5.5" 14# @ 2840 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

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 194908

CONDITIONS

Oton	OGRID:
Operator:	
J.A. Drake Well Service Inc.	330485
607 W Pinon	Action Number:
Farmington, NM 87401	194908
	Action Type:
	[C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By		Condition Date
john.harrison	None	4/18/2023