

Submit a 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 Resources

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-005-62194	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name O'BRIEN LLL	
8. Well Number #001	
9. OGRID Number 269864	
10. Pool name or Wildcat RED LAKE RIDGE;SAN ANDRES	

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 COMPANY	
3. Address of Operator 251 O'Connor Ridge Blvd.Suite 265, Irving, TX 75038	
4. Well Location Unit Letter N: 660 feet from the S line and 1980 feet from the W line Section 21 Township 08S Range 29E NMPM Chaves	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☒	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		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.

NMOCD plans to plug this well in accordance with the attached procedure and any agreed modifications thereto.

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: Ethan Wakefield

TITLE: Authorized Representative

DATE 1/14/26

Type or print name: Ethan Wakefield

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

PHONE: 405-343-7736

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

CANYON E&P COMPANY

Plug And Abandonment Procedure

O'BRIEN LLL #001

660 FSL & 1980 FWL, N-21-08S-29E

Chaves County, NM / API: 30-005-62194

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM safety and environmental regulations. Test rig anchors prior to moving in rig if not rigged to base beam.
2. Perform spiral gas check. Check casing, tubing, and Bradenhead pressures.
3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Perform mandatory 40 bbls well kill. If a different fluid or amount is required kill well as necessary. Ensure the well is dead or on a vacuum.
4. ND wellhead and NU BOP. Function test BOP.
5. P/U 4-1/2" bit or casing scraper on 2-3/8" work string and round trip as deep as possible above top perforation at 2,845'.
6. P/U 4-1/2" CR, TIH and set CR at +/- 2,795'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. POOH w/ tubing.
 - a. Plug #1 (under CR) may be pumped prior to CBL.
7. RU wireline and run CBL with 500 psi on casing from CR at 2,795' to surface to identify TOC. Adjust plugs as necessary for new TOC. Email log copy to

Diede, Loren, Loren.Diede@emnrd.nm.gov and to Gilbert Cordero at gilbert.cordero@emnrd.nm.gov upon completion of logging operations.

8. Rig up to pump cement down tubing. Pump water to establish rate down tubing.
9. Circulate wellbore. Use salt gel or mud spacer in-between plugs.

NOTE: All plugs include excess footage to meet requirements.

10. Plug 1: Perforations, Top 2,795', 10 Sacks Type III Cement

Mix 10 sx Type III cement and squeeze below CR to cover the perforations.

11. Plug 2: Perforations, 2,795'-2,695', 7 Sacks Type III Cement

Mix 7 sx Type III cement and spot a balanced plug inside casing to cover the Perforations.

12. Plug 3: San Andres Formation Top, 2,265'-2,115', 10 Sacks Type III Cement

Mix 10 sx Type III cement and spot a balanced plug inside casing to cover the San Andres formation top.

13. Plug 4: Grayburg and Queen Formation Tops, 1,922'-1,710', 14 Sacks Type III Cement

Mix 14 sx Type III cement and spot a balanced plug inside casing to cover the Grayburg and Queen formation tops.

14. Plug 5: 7 Rivers, Yates, B Salt, T Salt and Anhydrite Formation Tops, 1,232'-692', 134 Sacks Type III Cement

If determined by CBL perforate at 1,232. Mix 134 sx Type III cement and spot an inside/outside plug to cover the 7 Rivers, Yates, B Salt, T Salt and Anhydrite formation tops.

**15. Plug 6: Surface Casing Shoe and San Andres Formation Top, 474'-
Surface, 124 Sacks Type III Cement**

Attempt to pressure test the bradenhead annulus to 300 psi; note the volume to load. If BH annulus holds pressure, then establish circulation out casing valve with water. If BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 474' and the annulus from the squeeze holes to surface. Shut in well and WOC.

16. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and restore location per BLM stipulations.



Existing Wellbore Diagram

CANYON E&P COMPANY
O'BRIEN LLL #001
API: 30-005-62194
Chaves County, New Mexico

Surface Casing

8-5/8" 24# @ 424'

OH: 12.25"

Circulated to Surface

Formation

Anhydrite - 792'

T Salt - 885'

B Salt - 999'

Yates - 1080'

7 Rivers - 1182'

Queen - 1810'

Grayburg - 1872'

San Andres - 2212'

Possible Tubing

2-3/8" to 2886'

Production Casing

4-1/2" 11.6# @ 3005'

OH: 7-7/8"

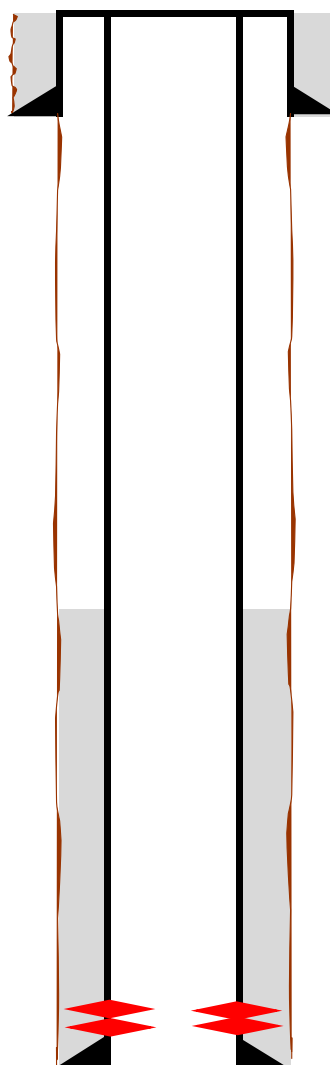
0.0872 cu-ft/ft

Cemented with 200 sx

TOC: Unknown

Perforations

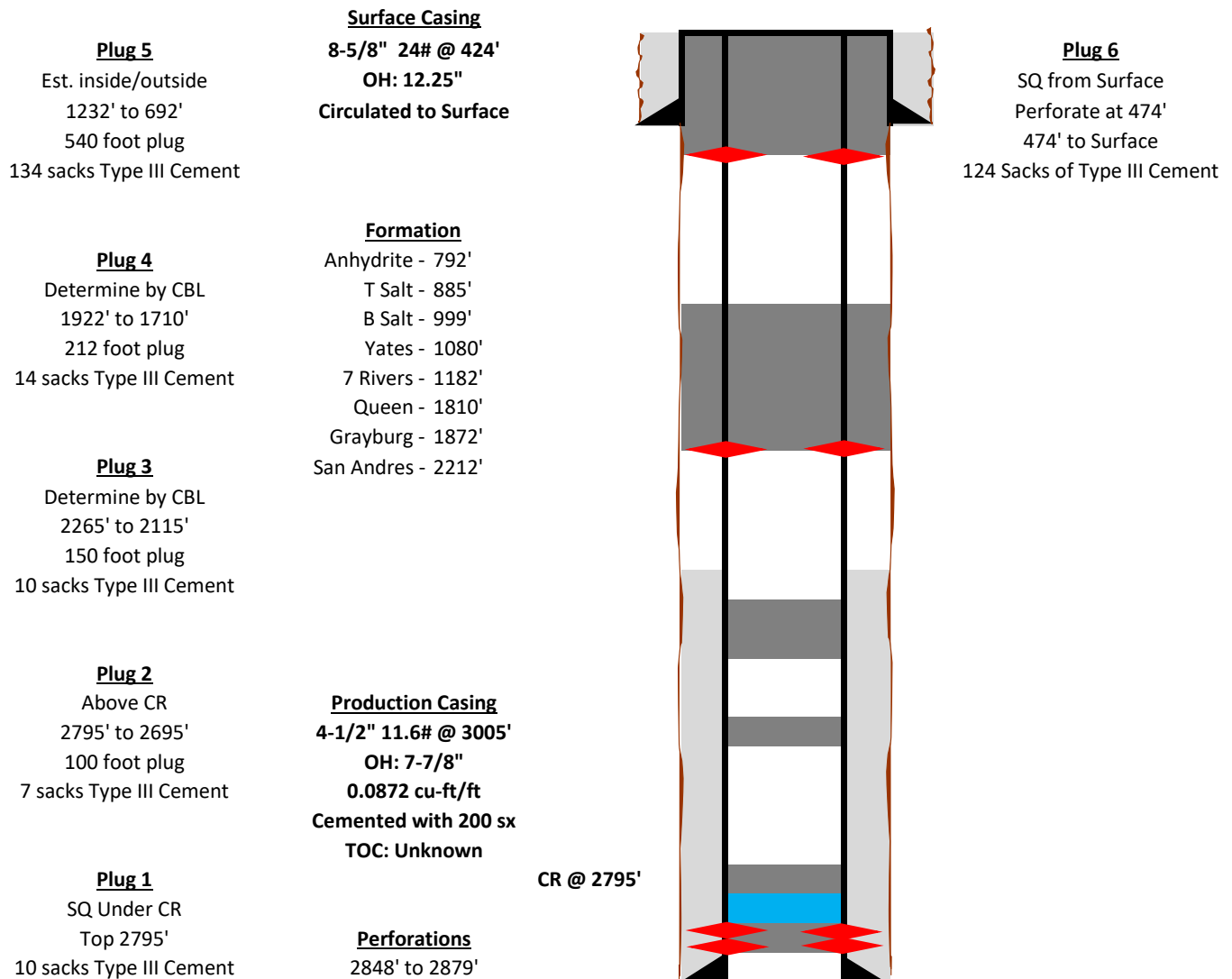
2848' to 2879'





Proposed Wellbore Diagram

CANYON E&P COMPANY
O'BRIEN LLL #001
API: 30-005-62194
Chaves County, New Mexico



Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

DEFINITIONS

Action 543127

DEFINITIONS

Operator: J.A. Drake Well Service Inc. (OPG Vendor) 607 W. Pinon St Farmington, NM 87401	OGRID: 333581
	Action Number: 543127
	Action Type: [UF-OMA] NOI Plug & Abandon Well (UF-OMA-C-103F)

DEFINITIONS

The OCD Mitigation Activity (OMA) forms are a subset of the OCD's forms exclusively designed for activities related to State of New Mexico's contracted evaluation, plugging, decommissioning, remediation, salvage and reclamation activities. Specifically, these forms are typically used where the OCD has acquired a hearing order allowing the OCD to perform mitigation activities on wells and associated facilities that no longer have an authorized or viable operator to perform the necessary work. These forms are not to be utilized for any other purpose.

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QUESTIONS

Action 543127

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	Action Number: 543127
	Action Type: [UF-OMA] NOI Plug & Abandon Well (UF-OMA-C-103F)

QUESTIONS

Prerequisites	
[OGRID] Well Operator	[269864] CANYON E & P COMPANY
[API] Well Name and Number	[30-005-62194] O'BRIEN LLL #001
Well Status	Reclamation Fund Approved

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CONDITIONS

Action 543127

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Operator: J.A. Drake Well Service Inc. (OPG Vendor) 607 W. Pinon St Farmington, NM 87401	OGRID: 333581
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CONDITIONS

Created By	Condition	Condition Date
loren.diede	Notify NMOCD 24 hours prior to beginning P&A operations. Submit photo and GPS coordinates of the P&A marker with the C-103P subsequent report. The API# on the marker must be clearly legible. This well is not in the LPCH restricted area. An above ground P&A marker is required.	1/14/2026