

Submit 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.
30-005-62190
5. Indicate Type of Lease
STATE [X] FEE [ ]
6. State Oil & 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
PROPOSALS.)
1. Type of Well: Oil Well [X] 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 O: 660 feet from the S line and 1980 feet from the E 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:
PERFORM REMEDIAL WORK [ ] PLUG AND ABANDON [X]
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.

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 R #001**

660' FSL & 1980' FEL, Section 21, 08S, 29E

Chaves County, NM / API: 30-005-62190

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 2,869'.
6. P/U 4-1/2" CR, TIH and set CR at +/- 2,819'. 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 2,819' to surface to identify TOC. Adjust plugs as necessary for new TOC. Email log copy to

Diede, Loren, [Loren.Diede@emnrd.nm.gov](mailto:Loren.Diede@emnrd.nm.gov) and to Gilbert Cordero at [gilbert.cordero@emnrd.nm.gov](mailto:gilbert.cordero@emnrd.nm.gov) upon completions of logging operations.

8. Rig up to pump cement down tubing. Pump water to establish rate down tubing.
9. Circulate wellbore.

**NOTE: All plugs include excess footage to meet requirements.**

**10. Plug 1: Perforations, Top 2,819', 10 Sacks Type I/II Cement**

Mix 10 sx Type I/II cement and squeeze below CR to cover the perforations.

**11. Plug 2: Perforations, 2,819'-2,719', 8 Sacks Type I/II Cement**

Mix 8 sx Type I/II cement and spot a balanced plug inside casing to cover the Perforations.

**12. Plug 3: San Andres Formation Top, 2,275'-2,125', 12 Sacks Type I/II Cement**

Mix 12 sx Type I/II cement and spot a balanced plug inside casing to cover the San Andres formation top.

**13. Plug 4: Grayburg and Queen Formation Tops, 1,935'-1,620', 24 Sacks Type I/II Cement**

Mix 24 sx Type I/II 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, 1,275'-688', 44 Sacks Type I/II Cement**

Mix 44 sx Type I/II cement and spot a balanced plug inside casing 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, 386'-  
Surface, 117 Sacks Type I/II 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 386' 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

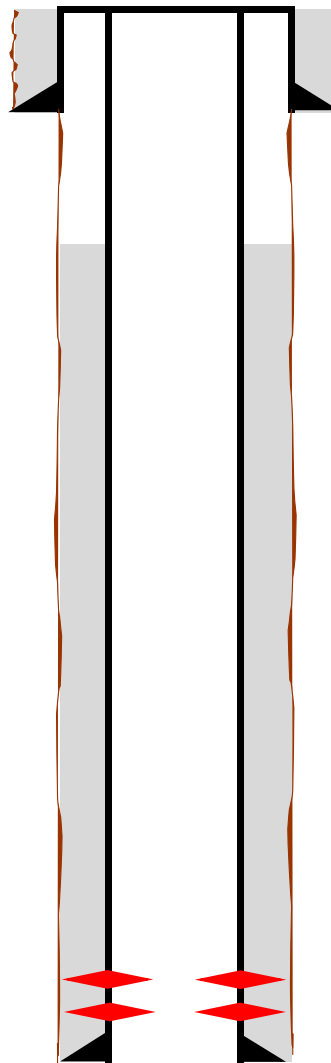
CANYON E&P COMPANY  
O'BRIEN R #001  
API: 30-005-62190  
Chaves County, New Mexico

**Surface Casing**  
8-5/8" 24# @ 336'  
OH: 12.25"  
Circulated to Surface

**Formation**  
Anhydrite - 788'  
T Salt - 880'  
B Salt - 1000'  
Yates - 1095'  
7 Rivers - 1225'  
Queen - 1720'  
Grayburg - 1885'  
San Andres - 2225'

**Production Casing**  
4-1/2" 11.6# @ 3100'  
OH: 7-7/8"

**Perforations**  
2869' to 2904'





# Proposed Wellbore Diagram

CANYON E&P COMPANY  
O'BRIEN R #001  
API: 30-005-62190  
Chaves County, New Mexico

**Plug 5**  
Determine by CBL  
1275' to 688'  
587 foot plug  
44 sacks Type I/II Cement

**Plug 4**  
Determine by CBL  
1935' to 1620'  
315 foot plug  
24 sacks Type I/II Cement

**Plug 3**  
Determine by CBL  
2275' to 2125'  
150 foot plug  
12 sacks Type I/II Cement

**Plug 2**  
Above CR  
2819' to 2719'  
100 foot plug  
8 sacks Type I/II Cement

**Plug 1**  
SQ Under CR  
Top 2819'  
10 sacks Type I/II Cement

**Surface Casing**  
8-5/8" 24# @ 336'  
OH: 12.25"  
Circulated to Surface

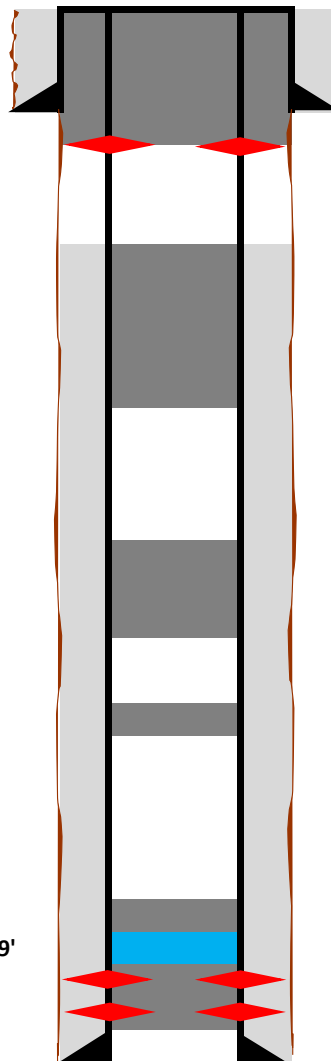
**Formation**  
Anhydrite - 788'  
T Salt - 880'  
B Salt - 1000'  
Yates - 1095'  
7 Rivers - 1225'  
Queen - 1720'  
Grayburg - 1885'  
San Andres - 2225'

**Production Casing**  
4-1/2" 11.6# @ 3100'  
OH: 7-7/8"

**Perforations**  
2869' to 2904'

CR @ 2819'

**Plug 6**  
SQ from Surface  
Perforate at 386'  
386' to Surface  
386 foot plug  
117 Sacks of Type I/II Cement



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 543130

**DEFINITIONS**

Operator: J.A. Drake Well Service Inc. (OPG Vendor) 607 W. Pinon St Farmington, NM 87401	OGRID: 333581
	Action Number: 543130
	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 543130

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	Action Number: 543130
	Action Type: [UF-OMA] NOI Plug & Abandon Well (UF-OMA-C-103F)

**QUESTIONS**

<b>Prerequisites</b>	
[OGRID] Well Operator	[269864] CANYON E & P COMPANY
[API] Well Name and Number	[30-005-62190] O'BRIEN R #001
Well Status	Reclamation Fund Approved

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CONDITIONS

Action 543130

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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