

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator **ROCKCLIFF OPERATING NEW MEXICO LLC**

3a. Address **1301 MCKINNEY; STE 1300; HOUSTON TX 77010**  
 3b. Phone No. (include area code) **713-351-0534**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SEC 11, T09S, R36E  
 660' FNL & 660' FEL**

5. Lease Serial No.  
 6. If Indian, Allottee or Tribe Name  
 7. If Unit or CA/Agreement, Name and/or No.  
 8. Well Name and No. **EL ZORRO C FEDERAL 2**  
 9. API Well No. **30-025-03568**  
 10. Field and Pool, or Exploratory Area **LOVING**  
 11. County or Parish, State **LEA COUNTY, NEW MEXICO**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**Well is on OCD inactive list. Rockcliff Operating NM LLC requests TA status for 12 months until a more economic climate exists for recompletion.**

**Proposed TA Procedure:**

1. Pull Rods / Tubing from well
2. Tag cement / CIBP @ 9,660ft, Circ hole w/ FW + biocide & corrosion inhib
3. Set 5.5in CIBP @ 4,800ft (Within 100ft of uppermost perf)
4. Tag 5.5in CIBP, Circ hole w/ FW + biocide & corrosion inhib
5. Spot 25 sxs @ 4,800ft-4,700ft, WOC 4hrs, Tag cmt
6. Circ hole w/ FW + biocide & corrosion inhib
7. Psi test to 500psi for 30mins, BLM must witness and OK

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

Prior to permantly abandoning the San Andres formation, plugs will need to be set to seal the Abo and the Glorietta. no more than 3,000' between plugs is allowed.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**JAMIE A. ROBINSON**

Title **SR. REGULATORY ANALYST**

Signature **jrobinson@rockcliffenergy.com**

Digitally signed by jrobinson@rockcliffenergy.com  
DN: cn=jrobinson@rockcliffenergy.com  
Date: 2017.10.05 08:09:41 -0500

Date

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Office



Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

*MSS/OCD  
11/20/2017*

*EXPIRES 10/5/2018*



**El Zorro C Fed #2**  
 API 30-025-03568 (Section 11 : 9S : 36E) Lea County  
 Spud on 1-10-56  
 Proposed TA WBD - 10/2017

Unknown Conductor

GL: 4,044ft  
 KB: ?ft

15" x 10-3/4" 32.75.5#  
 Set @ 435' w/ TOC at Surface  
 Cmt w/425 sx

Formation Tops	
Anhydrite	2,222ft
Salt	2,306ft
btm of Salt	2,832ft
San Andres	4,097ft
Glorietta	5,537ft
Tubb	6,943ft
Abo Shale	7,730ft
Penn	8,998ft

Top of Liner Hanger @ 4,051'  
 Cemented with 300 sx squeezed over top, 200sxs on btm

9-3/4" x 7-5/8" 26.4#  
 Set @ 4,221' w/ TOC at Surface  
 Cmt w/ 1,300sx

Corrosion Inhib + Biocide  
 FW

TUBING ASSMBLY			
DESCRIPTION	# OF JTS	LENGTH	DEPTH
Unsure			

ROD / PUMP ASSMBLY			
DESCRIPTION	# OF JTS	LENGTH	DEPTH
Unsure			

**Proposed T&A:**

1. Pull Rods / Tubing from well
2. Tag cement / CIBP @ 9,660ft, Circ hole w/ FW + biocide & corrosion inhib
3. Set 5.5in CIBP @ 4,800ft (Within 100ft of uppermost perf)
4. Tag 5.5in CIBP, Circ hole w/ FW + biocide & corrosion inhib
5. Spot 25 sxs @ 4,800ft-4,700ft, WOC 4hrs, Tag cmt
6. Circ hole w/ FW + biocide & corrosion inhib
7. Psi test to 500psi for 30mins, BLM must witness and OK

100ft of cemet

San Andres Perf (4,868-4,970') - 2SPF, 88 holes

5 sxs of  
 cement

CIBP @ 9,660'  
 Bough "C" Perfs (9,698-9,714') - (500 gal 15% acid)

6-3/4" x 5-1/2" Liner 17#  
 Set @ 4,051'-9,719'  
 Cmt w/ 500 sx

BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

**Approved for a period of 12 months ending 10/05/2018 subject to conditions of approval.**

**Temporary Abandonment of Wells on Federal Lands  
Conditions of Approval**

A temporarily abandoned well is defined as a completion that is not capable of production in paying quantities but which may have value as a service well. Pursuant to 43 CFR 3162.3-4 (c), no well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer.

Temporary Abandonment (TA) status approval requires a successful mechanical or casing integrity test as follows:

1. A Notice of Intent (NOI) Sundry Notice (Form 3160-5) requesting approval to run a mechanical integrity test (MIT) or casing integrity test (CIT).
2. A description of the temporary abandonment procedure.
  - a. A bridge plug or packer must be installed as close to 50 feet above any open perforations or open hole as possible. If a cement plug is used, the top of the cement must be verified by tagging. CIBP must be capped with minimum 25 sacks cement, placed with tubing, or 35 feet of cement if placed with bailer.
  - b. The wellbore must be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes. Any leak-off will be evaluated.
  - c. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if they are not isolated by a packer.
  - d. A bradenhead test must be conducted. If the test indicates a problem exists, a remedial plan and time frame for remediation shall be submitted within ninety (90) days of the test.
  - e. Contact the appropriate BLM office at least 24 hours prior to the scheduled Casing Integrity Test. For wells in Eddy County, 575-361-2822; Lea County 575-393-3612.
3. **Provides justification why the well should be temporarily abandoned rather than permanently plugged and abandoned and an estimated date that the well will be returned to beneficial use or plugged and abandoned. 43 CFR 3162.3-4 (a) The operator shall promptly plug and abandon...wells in which oil or gas is not encountered in paying quantities...**

Wells that successfully pass the casing integrity test **may** be approved for Temporary Abandonment (TA) status provided that the operator:

1. **Submits a subsequent Sundry Notice** (Form 3160-5) requesting TA approval **with well bore diagram** with all perforations and CIBP's and tops of cement on CIBP's.
2. Describes the temporary abandonment procedure.
3. Attaches a clear copy or the original of the pressure test chart.
4. Give justification to allow well to be place in TA status and plan for future use of well with time frame that well will be place back on line or plans to P&A well will be submitted.

If the well does not pass the casing integrity test, then the operator shall within 30 days submit to BLM for approval one of the following:

1. A procedure to repair the casing so that a TA approval can be granted.
2. A procedure to plug and abandon the well.

**El Zorro C Federal 2**

1. Well is approved to be TA/SI for a period of 12 months or until 10/05/2018
2. This will be the last TA approval for this well.
3. Must submit NOI to recomplete or NOI to P&A. Must be submitted by 10/05/2018
4. COA's met at this time.