

**UNITED STATES** 

HOBBS OCD

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

NMNM80166

	25.101.00.0
τ_	Lease Serial No.
٠.	Louise Serial 110.
	A I B A B I B A D O A C C

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter	JUL	30.	2015
DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT			0045

6. If Indian, Allottee or Tribe Name abandoned well. Use form 3160-3 (APD) for such proposals. DECFIVED 7. If Unit or CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other instructions on reverse side. 1. Type of Well Well Name and No MOUNTAIN FEDERAL 3 🛛 Oil Well 🔲 Gas Well 🔲 Other Name of Operator Contact: DONNA STURDIVANT 9. API Well No. CROSS BORDER RESOURCES. INCE-Mail: donna@redmountainresources.com 30-041-20463-00-S1 10. Field and Pool, or Exploratory
TOMAHAWK-SAN ANDRES 3b. Phone No. (include area code) 2515 MCKINNEY AVENUE, SUITE 900 Ph: 214-871-0400 Ext: 1027 DALLAS, TX 75201 Fx: 214-871-0406 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, and State Sec 30 T7S R32E SENW 2310FNL 2217FWL ROOSEVELT COUNTY, NM 33.678722 N Lat, 103.710830 W Lon

TYPE OF ACTION			
dize er Casing ing Repair	☐ Deepen ☐ Fracture Treat ☐ New Construction	☐ Production (Start/Resume) ☐ Reclamation ☐ Recomplete	☐ Water Shut-Off Well Integrity ☑ Other
inge Plans overt to Injection	☐ Plug and Abandon☐ Plug Back	<ul><li>□ Temporarily Abandon</li><li>□ Water Disposal</li></ul>	Workover Operation
1	er Casing ing Repair inge Plans ivert to Injection	dize Deepen er Casing Fracture Treat ing Repair New Construction ange Plans Plug and Abandon evert to Injection Plug Back	dize

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.)

We propose to test the integrity of the casing, make any necessary repairs and perforate the P-3, Acidize and return to production.

Please see attached detailed breakdown of proposed work schedule.

Please Contact The BLM Roswell Field Office At Least 24 Hours Prior To The Scheduled Mechanical Integrity Test. For Wells In Chaves and Roosevelt County, During Office Hours Or After Office Hours Call (575) 627-0205. Engineer On Call During Office Hours Call (575) 627-0275 Or After Office Hours Call (575) 626-5749.

14. I hereby certify	that the foregoing is true and correct.			
	Electronic Submission #310099 verifie For CROSS BORDER RESOUR Committed to AFMSS for processing by DA	CEŚ, IN	IC., sent to the Roswell	
Name (Printed/T)	yped) DONNA STURDIVANT	Title	REGULATORY ANALYST	
Signature	(Electronic Submission)	Date	07/23/2015	1
	THIS SPACE FOR FEDERA	L OR	STATE OFFICE USE	U ···
Approved By ACCEPTED			DAVID R GLASS PETROLEUM ENGINEER	Date 07/24/2015
Conditions of approval, if any, are attached. Approval of this notice does not warrant or ertify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.			Roswell	
	n 1001 and Title 43 U.S.C. Section 1212, make it a crime for any positious or fraudulent statements or representations as to any matter w			nent or agency of the United

\*\* BLM REVISED \*\*

Mountain Federal #3
(API = 30-041-20463)
2310' FNL and 2217' FWL
Section 30, Twp. 7-S, Rge-32-E
Chaves County, New Mexico
KB=4373 GL=4364'

## Repair potential casing leak Perforate the P-3, acidize and return to production

- 1. MIRU workover unit. NU 3000# double manual BOP's. Pick up additional 2-3/8" J-55 EUE production tubing. Tag T.D. and POOH. Tally out of the hole. Need to confirm PBTD of 4257'. Proposed perfs are 32' above PBTD. Make sure there is enough fluid in the hole to perforate.
- 2. RIH with packer and RBP. Set RBP at 3000' and start looking for casing leaks from 1700' to 3000'. Typical casing leaks have been underneath the surface casing at 1785'. Call Dallas office for details of cement and volumes once the hole is found and a pump-in rate is established. If there are no casing leaks. The existing perforations will have to be cement squeezed. This has been seen in the Mountain Federal #6.
- 3. MIRU wireline unit. RIH w/ 3-1/8" csg. guns and perforate the P-3 San Andres intervals as follows: 4165'-4185' (6 spf). POOH and RIH with 3-1/8" csg guns and perforate 4200' to 4225' (6 spf). Re-perforate upper P-2 from 4097'-4158' (4 SPF 90 degree phasing).
- 4. RIH w/ 4-1/2" treating packer. Set packer at +/- 4060'. Attempt to load hole to make sure the packer has a seat in the casing. Acidize P2 and P-3 perforations 4165' through 4225' with 10,000 gallons 15% NEFE HCL. Bring out 10,000 lbs of rock salt. Start pumping 1000 gallons 15% NEFE HCl with Acidtol type solvent. Divert with 2,500 lbs of rock salt. Pump three more stages of 3,000 gallons of acid and divert with 3,000 lbs of rock salt. Use produced water as the brine water for the rock salt. Flush job with 200 bbls fresh water to flush acid and rock salt. Do not exceed 3000 psig. Let acid sit for one hour. Swab load back and determine fluid rates and oil cut. POOH w/ packer.
- 5. Allow acid and fresh water to react for two hours before swabbing. Swab well until well cleans up. Release packer and RBP and POOH.
- **6.** RIH with production equipment. Return well to production.