

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>NM 32636</b>
2. Name of Operator <b>Range Operating New Mexico, Inc.</b>		6. If Indian, Allottee or Tribe Name N/A
3a. Address <b>777 Main Street Suite 800 Fort Worth, TX 76102</b>	3b. Phone No. (include area code) <b>817-810-1908</b>	7. If Unit or CA/Agreement, Name and/or No. N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>At Surface: 2160' FNL &amp; 990' FWL Sec. 12, T23S, R28E</b> <b>At Proposed Prod. Zone: 2160' FNL &amp; 990' FWL Sec. 12, T23S, R28E</b>		8. Well Name and No. <b>Teledyne 12 Federal #3</b>
		9. API Well No. <b>30-015-33927</b>
		10. Field and Pool, or Exploratory Area <b>Herradura Bend Delaware, East 30670</b>
		11. County or Parish, State <b>Eddy, NM</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" 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 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 recomplate 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.)

Please see the attached.

*Accepted for record*  
2/14/13  
NMOCD  
**RECEIVED**  
FEB 12 2013  
NMOCD ARTESIA

**ACCEPTED FOR RECORD**  
FEB 9 2013  
*[Signature]*  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed) **Paula Hale** Title **Sr. Regulatory Sp.**

Signature *[Signature]* Date **02/03/2013**

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

Approved by _____	Title _____	Date _____
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.		
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.

## Completion – Teledyne 12 Federal #3

- 8-02-2012 MIRU PU & pmp trk. BDW. POOH w/rods & pmp. MIRU hot oiler & pmp 40 bbls of hot 2% KCl down tbg. ND wellhead, unset TAC and NU BOP. TOH w/tbg. SDON.
- 8-03-2012 MIRU pmp trk and BDW. Opend BOP & picked up bit & scraper. TIH w/both & 2000 jts tbg. PU 3 jts tbg. Tagged @ 6319'. TOH w/tbg.
- 8-06-2012 MIRU wireline trk. Correlate log to original log. Set CIBP @ 6116' & perf.  
6005'-6008', 6 spf, 25gr/.42 EH/37.21 PEN, 18 shots, all fired  
6085'-6088', 6 spf, 25 gr/.42 EH/37.21 PEN, 18 shots, all fired  
RDMO wireline truck. TIHw/pkr & tbg. Set pkr @6108. RU pmp trk to test CIBP to 4500 psi. Good tst. Bleed off press. TOH w/5 jts & set prk @ 5920'. SDON.
- 8-07-2012 MIRU Baker frac crew. Conduct safety metg & press tst lines to 6345 psi. Fracture stimulate Brushy Canyon A&B perms. Pmpd 48 bbls 15% acid. Flush acid & begin frac. Frac w/79,418#s 20/40 RC sd & 2000 gals 15% acid. MIRU wireline trk, set CIBP@ 5860' & perf:  
5840-5846, 6 spf, 25 gr/.42 EH/37.21 PEN, 36 shots, all fired  
RDMO wireline trk. TIH w/pkr & tbg. Set pkr @ 5858', RU pmp trk to tst CIBP to 4500 psi. Good tst. Bleed off pressure. TOH w/2 jts & set pkr @ 5774' SDON.
- 8-08-2012 MIRU Baker frac crew. Conduct safety mtg & press test lines to 4717 psi. Fracture stimulate the Brushy Canyon AA perms. Pmpd 48 bbls 15% acid, flush acid & begin frac. Frac w/45,302#s 20/40 RC sand & 2000 gals 15% acid. RDMO Baker. Opened well @ 11:30 am, well on vacuum. Unset pkr & TOH w/tbg. SDON.
- 8-09-2012 MIRU pmp trk & FAU w/swivel. Opened BOP, TIH w/4-3/4"bit, bit sub, 6 3-1/2" collars, SN & tbg. Broke circ @ 5709'. Tag fill @ 5844', clnd out to 5860' CIBP. Drld out CIBP & tag fill @ 6037'. Clnd out to 6116' CIBP. Drld out CIBP & tag fill @ 6329'. Bit plugged. TOH w/tbg & LD collard. SDON.
- 8-10-2012 MIRU pmp trk & open BOP. TIH w/notched collar, tbg. Break circ @ 5725'. TIH w/tbg, tag fill @ 6239'. RU swivel & clnd out to 6319'. Circ hole for 2hrs until cln. RDMO swivel, TOH & LD wrk string. RDMO FAU. SDON.
- 8-11-2012 MIRU pmp trk. Open BOP & TIH w/MH, SN & tbg. TIH w/TAC & tbg. ND BOP, set TAC & NUWH. EOT @ 6266', sn @ 6233' & TAC @ 5735'. RIH w/new 1.5" x 20' pmp & rods. Pmpd 22 bbls 2% KCl & hand well on. Turned PJ on, good pmp action. RDMO PU & trk.
- 8-22-2012 MIRU pmp trk. Unhang well & long stroke pmp. No pmp action. Load tbg to 500 psi, held good, bleed dwn press & long stroke well. No mp action. Try to unseat pmp & could no. Backed rods off from on/off tool. POOH w/rods. NDWH & attempted to release TAC but could not. Pmpd 60 bbls 2% KCL dwn csg. NDbop & RU swb.

Made 1 swb rn to lighten load on tbg. Tried to release TAC. No success. Pmpd 60 bbls of 2% KCl acid down csg. TAC finally released. TOH w/tbg. SDON.

8-24-2012 RU swab & made 3 swb runs. RD swab & TOH w/tbg until we hit fluid. RU swab & swab tbg dry. RD swab & TOH w/all tbg. Pmp barrel was stuck in btm jt of tbg. Found btm 25' of the mud jt shiny from being in sand. Approx. 78' of sand in well bore. Consulted FW & will clean well bore. SDON.

8-27-2012 MIRU FAU, TIH w/4-3/4" bit, bit sub & tbg. Broke circ to pit & wshd dwn to 6075'. Lost circ. TOH to 5546' caught circ & TIH. Lost circ again on btm. TOH to 5231', broke circ & TIH. Lost circ at btm. TOH to 4985', catch circ & had to SD due to darkness. SDON.

8-28-2012 RU FAU & break circ @ 4985' to pit. Tagged fill & washed to PBTD (6319'). Circ btms up for 4 hrs. Had good cln returns, SD FAU & TOH w/tbg & tools. R DMO FAU. SDON.

8-29-2012 TIH w/MH, SN, tbg, TAC & tbg. ND BOP, set TAC & NUWH. EOT @ 6255', sn @ 6233' & TAC @ 5735'. FIH w/new 1.5"x20' pmp & rods. Pmpd 21 bbls of 2% KCl & hand well on. Turned PJ on, good pmp action. RDMO PU & trk.