

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**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 type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSF078463
2. Name of Operator NOBLE ENERGY INC		6. If Indian, Allottee or Tribe Name
Contact: JEAN M MUSE E-Mail: jrmuse@nobleenergyinc.com		7. If Unit or CA/Agreement, Name and/or No. NMNM73737
3a. Address 5802 US HWY 64 FARMINGTON, NM 87401	3b. Phone No. (include area code) Ph: 303-228-4316 Fx: 303-228-4286	8. Well Name and No. RIO BRAVO 27 8
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 27 T31N R13W SENE 1980FNL 660FEL		9. API Well No. 30-045-32691-00-D1
		10. Field and Pool, or Exploratory BASIN DAKOTA BASIN FRUITLAND COAL
		11. County or Parish, and State SAN JUAN COUNTY, NM

## 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 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 checked="" type="checkbox"/> Other Drilling Operations
	<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 recompleat 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 recompleat 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.)

Noble Energy, Inc. respectfully makes a Notice of of the following procedures on the subject location:

1. Spudded well @2330hrs 02/28/06. Drilled rat and 13-1/2" mouse hole to 338'.
2. 3/1/06 ran 7 jts 9-5/8" 36#, J-55, ST&C csg. Land @ 333'. cmt w/300sx type III w/2% CaCl<sub>2</sub>, 1/4#/#sx Celloflake for lead slurry, mixed @15.2ppg and displace w/ 22bbls H<sub>2</sub>O. Plug dn @1700hrs, SI well, had full returns. Circ 33bbls cmt to surf. WOC NUBOP. Press test BOP to 1000psi for 30 min. Test was good.
3. 3/8/06 ran 103jts-7" 23#, N-80, Lt&c csg. Land @4745'. DV tool @2157', Stage #1-pump 10bbl gel H<sub>2</sub>O, cmt w/ 285sx Premium lite Hi-strength FM w/additives. Drop plug, displace w/110bbl H<sub>2</sub>O, 75bbl H<sub>2</sub>O, plug dn @2115hrs. Had full returns. Pressure up to 2310psi to set ECP. Drop bomb, open DV tool w/870psi, break circulation. Circulate 28bbl good cmt to surf. Stage #2-pump 10bbl gel H<sub>2</sub>O, cmt



14. Thereby certify that the foregoing is true and correct.

Electronic Submission #93120 verified by the BLM Well Information System

For NOBLE ENERGY INC, sent to the Farmington

Committed to AFMSS for processing by STEVE MASON on 02/18/2011 (11SXM0439SE)

Name (Printed/Typed) KEN REISNAUER

Title

Signature (Electronic Submission)

Date 09/21/2010

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

Approved By <b>ACCEPTED</b>	STEPHEN MASON Title PETROLEUM ENGINEER	Date 02/18/2011
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 Farmington

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

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## Additional data for EC transaction #93120 that would not fit on the form

### 32. Additional remarks, continued

w/75sx Premium lite Hi-strength FM w/ additives. Drop plug, displace w/85bbl H2O, plug dn @2245hrs, close DV tool, had full returns. Circulate 45bbl good cmt to surf NDBOP.

4. 3/9/06 Press test BOP to 1500psi for 30 min, press test csg to 1500psi for 30 min. All tests good.

5. 3/12/06 Ran 160 jts 4-1/2" 11.6#, N-80 LT&C csg. Land @ 6533'. Circulate csg w/ 1600cfm 6% O2. Cmt csg: pump 20bbl cemical wash, 10bbl H2O ahead. Cmt w/ 125sx Dakota lite w/ additives, 40 sx STD w/ additives. Wash pumps and lines, displace w/ 101bbl H2O w/clay fix. Plug dn @0400hrs. Had no returns, no cmt to surf (none planned). float held. NDBO\_P.

6. Press test csg to 2000psi 10 min. Test good.

7. 3/28/06 TOC @4296' per CBL.

8. 4/5/06 Perf 6398'-6498' (21 holes). Frac w/ 1000gal 15% acid, drop 42 bio sealer balls, 130000# 70Q foam, max press 3698psi, avg press 3468psi, ISIP 3953psi, 5min 2623psi, 10min 2526psi, 15min 2449psi.

9. 6/6/06 Perf 1790'-1802' (48 holes), 1698'-1708' (40 holes), 1642'-52' (20 holes). Frac 1642'-1708' w/ 107689#sand, max psi 4022, avg psi 2556, max rate 36.3bpm, avg rate 29.1bpm, ISIP 1590psi, 5min 1231psi, 10 min 1115psi. Frac 1790'-1802' w/ 59355#sand, max psi 993, avg psi 876, max rate 30.4bpm, avg rate 30.3bpm, ISI\_P 577psi, 5min 525, 10min 485