

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" For such proposals

***SUBMIT IN TRIPLICATE***

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. LC031620A
2. Name of Operator <b>CONOCO INC.</b>	6. If Indian, Allottee or Tribe Name
3. Address and Telephone <b>10 DESTA DRIVE, SUITE 649W, MIDLAND, TEXAS 79705-4500</b>	7. If unit or CA, Agreement Designation SEMU
4. Location of Well (Footage, Sec., T, R, M. or Survey Description) Section 25, T20S, R37E 990' FNL & 330' FEL	8. Well Name and No. Semu #139
	9. API Well No. 30-025-35043
	10. Field and Pool, or Exploratory Area North Hardy Strawn
	11. County or Parish, State Lea County, NM

12. CHECK APPROPRIATE BOX(s) 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"/> Abandonment	<input checked="" type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Cementing Plan</u>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Conoco Inc. proposes to change the cement system as outlined in the attached revised Cementing Plan.

14. I hereby certify that the foregoing is true and correct Signed <u>[Signature]</u> Title <u>Sr. Property Analyst</u> Date <u>7/18/00</u>	15. (This space for Federal or State office use) Approved by <u>(ORIG. SGD.) ALEXIS C. SWOBDQA</u> <u>PETROLEUM ENGINEER</u> Date <u>JUL 20 2000</u> Conditions of approval if any:
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GWW

RECEIVED

JUL 20 2011

PAID

ROSWELL

**SEMU #139**  
**Cement System Proposal**

9-5/8" surface  
@ 1,500'

**Original:** **Lead:** 401 sx (35:65) Poz: Class C cement + 2% bwoc Calcium Chloride + 0.25 pps Cello Flake + 0.005 gps FP-6L + 6% bwoc Bentonite + 96.5% fresh water.

**Tail:** 153 sx Class C cement + 2% bwoc Calcium chloride + 0.005 gps FP-6L + 56.3% fresh water.

**New:** **Lead:** 351 sx Class C + 0.25 pps Cello Flake + 0.005 gps FP-6L + 2% bwoc Sodium Metasilicate + 109.4% fresh water.

**Tail:** Same as original

**New Lead Slurry properties:**

Slurry weight: 12.4 ppg

Slurry yield: 2.15 cf/sx

Amount of mix water: 12.33 gps

Pump time: 6:25 hr:mins

Free water: 0

Compressive strength: 124 psi in 12 hrs and 250 psi in 24 hrs

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JUL 27 2000

CHILD  
PROTECT. L. MM



7" production  
casing @ 7,850'

**Original: Lead:** 586 sx (35:65) Poz: Class C cement + 0.25 pps Cello Flake + 0.005 gps FP-6L + 6% bwoc Bentonite + 95.7% fresh water.

**Tail:** 465 sx Class C cement + 1% bwoc BA-58 + 0.9% bwoc FL-50 + 0.5% bwoc CD-32 + 0.005 gps FP-6L + 0.2% bwoc Sodium Metasilicate + 55.7% fresh water.

**New: Lead:** 450 sx (50:50) Poz: Class C cement + 5% bwow Sodium Chloride + 0.25 pps Cello Flake + 0.005 gps FP-6L + 10% bwoc Bentonite + 136.9% fresh water.

**Tail:** 301 sx (15:61:11) Poz: Class C:CSE + 5% bwow Sodium Chloride + 1% bwoc FL-62 + 0.005 gps FP-6L + 70% fresh water.

**New Lead Slurry properties:**

Slurry weight: 11.85 ppg

Slurry yield: 2.41 cf/sx

Amount of mix water: 13.79 gps

Pump time: 2:58 hr:mins

Free water: 1 mls

Fluid loss: 792 cc/30 min

Compressive strength: 50 psi in 12 hrs and 175 psi in 24 hrs

**New Tail Slurry properties:**

Slurry weight: 13.6 ppg

Slurry yield: 1.49 cf/sx

Amount of mix water: 7.31 gps

Pump time: 2:31 hr:mins

Free water: 0

Fluid loss: 62 cc/30 min

Compressive strength: 1013 psi in 12 hrs and 1877 psi in 24 hrs