Form 3160-5 (August 1999)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 5 T31N R12W SWNE 2350FNL 1750FWL

FORM APPROVED
ØMB NO. 1004-0135
Expires: November 30, 200

5. Lease Serial No. NMSF078146

	M	/ISI	-U <i>1</i>	81	46	

11. County or Parish, and State

SAN JUAN COUNTY, NM

Do not use this form for abandoned well. Use for	6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPLICATE -	7. If Unit or CA/Agreement, Name and/or No.		
Type of Well ☐ Other	28.83	8. Well Name and No. NEWBERRY COM 1	
Name of Operator CONOCO INC.	Contact: YOLANDA PEREZ E-Mail: yolanda.perez@usa,conoco.com	90, API Well No. 30-045-11901	
Address P. O. BOX 2197, DU 3034 HOUSTON, TX 77252-2197	3b. Phone No. (include area code), Ph: 281.293.1613	10. Field and Pool, or Exploratory BASIN DAKOTA	

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

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TYPE OF SUBMISSION	TYPE OF ACTION					
Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off		
_	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity		
☐ Subsequent Report	☐ Casing Repair	■ New Construction	☐ Recomplete	☐ Other		
☐ Final Abandonment Notice	Change Plans	Plug and Abandon	don   Temporarily Abandon			
	☐ Convert to Injection	□ Plug Back	□ Water Disposal			

Conoco Inc. received approval to TA the above mentioned well on 2/13/02. As per conversation with Steve Mason, this sundry is being submitted, along with revised procedures and schematics, to add a plug over the Pictured Cliffs.

### THIS APPROVAL EXPIRES

AUG 3 5 2002

14. I hereby certify	that the foregoing is true and correct.  Electronic Submission  For CO	#10607 verified by the NOCO INC., sent to t	ELM Well Information Sys he Farmington	tem			
Name (Printed/T)	vped) YOLANDA PEREZ	Title	COORDINATOR				
Signature	(Electronic Submission)	Date	03/01/2002				
THIS SPACE FOR FEDERAL OR STATE OFFICE USE							
Approved By			tle	Date 3/4/02			
certify that the applica	<ol> <li>if any, are attached. Approval of this notice doe int holds legal or equitable title to those rights in the applicant to conduct operations thereon.</li> </ol>	e subject lease	fice FFO				

<sup>13.</sup> 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 recomplete 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 I3LM/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.)

## TEMPORARY ABANDONMENT or PLUG & ABANDONMENT PROCEDURE

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### Newberry Com #1

Basin Dakota 2350' FNL & 1750' FEL, (G) Section 5, T31N, R12W API 30-045-11901 / San Juan County, New Mexico Lat: N 36<sup>o</sup> 55' 43" / Long: W 108<sup>o</sup> 6' 54"

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

#### TEMPORARY ABANDONMENT:

- Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Conoco safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
- 2. TOH with about 224 joints 2-3/8" tubing and visually inspect. If necessary, LD tubing and PU and tally tubing workstring. Round-trip 4-1/2" gauge ring or casing scraper to 6800'.
- 3. Plug #1 (Dakota perforations and 3-1/2" liner top, 6800' 6700'): TIH and set 4-1/2" cement retainer at 6800'. Pressure test tubing to 1200#. Load casing with water and circulate the well clean. Pressure test casing to 800#. If casing does not test, spot or tag subsequent plugs as appropriate. Mix 12 sxs cement and spot a balanced plug inside casing above the retainer to isolate the Dakota interval.
- 4. Plug #2 (Gallup top, 6130' 6030'): PUH to 6130'. Mix 12 sxs cement and spot a balanced plug inside casing to cover the Gallup top. PUH to 4075'.
- 5. Plug #3 (Mesaverde top, 4075'- 3875'): Mix 20 sxs cement with 2% CaCl<sub>2</sub> and spot a balanced plug inside the casing to cover the Mesaverde top. PUH to 3000' and WOC. TIH and tag cement.
- 6. PUH one joint. Pressure test the casing to 1000#, hold for 30 minutes. If the PT holds, then circulate the well clean. TOH with tubing. Perforate 3 HSC squeeze holes at 2631'. Attempt to circulate to surface out 4-1/2' x 7-5/8" annulus, if possible then circulate casing and annulus clean. TIH and set a 4-1/2" retainer at 2581'. Pressure test the tubing to 1500#. Release from the CR, then sting back into.
- 7. If the 4-1/2" casing does not test after plug #3, then perforate 3 HSC squeeze holes at 2631'. TIH and set a 4-1/2" cement retainer at 2581'. Pressure test tubing to 1500#, then sting out of CR. Load casing and pressure test the 4-1/2" casing above the CR to 1000#, hold for 30 minutes. If the PT holds, then sting back into the CR. If the pressure test does not hold, then continue with P&A procedure.

### TEMPORARY ABANDONMENT or PLUG & ABANDONMENT PROCEDURE

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2/22/02

### **Newberry Com #1**

Basin Dakota 2350' FNL & 1750' FEL, (G) Section 5, T31N, R12W API 30-045-11901 / San Juan County, New Mexico Lat: N 36<sup>o</sup> 55' 43" / Long: W 108<sup>o</sup> 6' 54"

#### **TEMPORARY ABANDONMENT CONTINUED:**

- 8. Call a major cementing company and squeeze the 4-1/2" x 7-5/8" annulus with the following: lead slurry 240 sxs of "lite" cement (65/35 with 6% gel) with 1/4# cellophane flakes, follow with a tail slurry of 160 sxs of 50/50 pozmix with 2% gel and 6-1/4# gilsonite. Leave approximately 100' of cement on top the CR up to 2480'. PUH to 2480' and reverse circulate well clean. Circulate the 4-1/2" casing with 2% KCI.
- 9. TOH and LD the tubing. ND BOP and NU wellhead. RD and MOL.

#### PERMANENT ABANDONMENT:

- 10. If the casing does not pressure test, then continue with well abandonment. With the tubing stung into the CR at 2581', pump Plug #4 (7-5/8" shoe, Pictured Cliffs, Fruitland, Kirtland, and Ojo Alams tops, 2631' 1245'): Establish circulation out the bradenhead. Mix and pump 261 sxs cement (2 stages, outside casing first, then fill inside), squeeze 167 sxs outside the 4-1/2" casing and leave 94 sxs inside to cover through the Ojo Alamo top. TOH and LD tubing. If unable to circulate out the bradenhead, then only mix 42 sxs cement and squeeze 30 sxs outside from 2631' to 2531' and spot 12 sxs inside. Then perforate at 2435' and attempt to establish circulation out bradenhead. Then squeeze cement in annulus to cover through the Ojo Alamo top and then fill the inside of the casing.
- 11. Plug #5 (10-3/4" Surface casing, 387' Surface): Perforate 3 squeeze holes at 387'. Establish circulation out bradenhead with water. Mix approximately 100 sxs cement and pump down the 4-1/2" casing to circulate cement to surface. Shut well in and WOC.
- 12. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

### **Newberry Com #1 Proposed Temporary Abandonment**

**Basin Dakota** 

(G) Section 5, T-31-N, R-12-W, San Juan County, NM

Lat: N 36^ 55' 43" / Long: W 108^ 6' 54"

API # 30-045-11901

Spud: 11/29/66 Completed: 2/14/67 Elevation: 5979' GL

Today's Date: 1/22/02

5991' KB

12-1/4" Hole Ojo Alamo @ 1495' Kirtland @ 1610' Fruitland @ 2080'

9-7/8" Hole

Pictured Cliffs @ 2385'

Mesaverde @ 4025'

Gallup @ 6080'

Dakota @ 6900'

6-3/4" Hole

3-7/8" Hole TD 7125' 10-3/4" 32.75# Casing @ 337' Cmt with 200 sxs (Circulate to surface)

Set 4-1/2" Cmt Ret. @ 2581'

7-5/8" 26.4# Casing @ 2581' Cement with 270 sxs, Circulated cement to surface

> Plug #3: 4075'- 3875' Cement with 20 sxs ·

TOC @ 3998' (Calc.75%)

Plug #2: 6130' - 6030' Cement with 12 sxs

DV Collar @ 4959' Cmt with 150 sxs (177 cf)

> Plug #1: 6800' - 6700' Cement with 12 sxs 12 (11.167) 1.18 = 158'

TOC @ 6106' (Calc. 75%)

Set 4-1/2" Cmt Rt @ 6800'

3-1/2" Liner top @ 6850'

4-1/2" 10.5# Casing @ 6932' Cement with 120 sxs (152 cf)

Dakota perfs @ 6908'-7074'

3-1/2" 9.5# Hydril liner from 6850' to 7125' Cement with 50 sxs Circulate 1 bbl cement above TOL