Form 3160-5. (August 1999)

### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

	FORM APPROVED
	OMB NO. 10/04-0135
	Expires: November 30, 200
5.	Lease Serial No.

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.

6. If Indian, Allottee or Tribe Name

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SUBMIT IN TRI	7. If Unit or CA/Agreement, Name and/or No. NMNM78413A							
Type of Well     ☐ Oil Well	ner	الدوء المناسبين		8. Well Name and No. SJ 28-7 31				
Name of Operator     CONOCO INC	om	9. API Well No. 30-039-07344-00-S1						
3a. Address PO BOX 2197, DU 3084 HOUSTON, TX 77252-2197		10. Field and Pool, or Exploratory BLANCO						
4. Location of Well (Footage, Sec., 7	11. County or Parish, and State							
Sec 20 T28N R7W SESW 068 36.64124 N Lat, 107.59819 W	RIO ARRIBA COUNTY, NM							
12. CHECK APPE	ROPRIATE BOX(ES) TO	O INDICATE NATURE OF N	OTICE, RI	EPORT, OR OTHE	R DATA			
TYPE OF SUBMISSION	TYPE OF ACTION							
☑ Notice of Intent ☐ Subsequent Report	☐ Acidize ☐ Alter Casing ☐ Casing Repair	☐ Deepen ☐ Fracture Treat ☐ New Construction	ture Treat Reclamation		☐ Water Shut-Off ☐ Well Integrity ☐ Other			
☐ Final Abandonment Notice	☐ Change Plans		☑ Plug and Abandon ☐ Temporarily Abandon		<u> </u>			
	Convert to Injection	☐ Plug Back	□ Water □	-				
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 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 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.)								
Conoco Inc. proposes to Tem	porarily Abandon the abo	ve mentioned well. If I A prov	es to be					

unsuccessful, well will then be Plugged & Abandoned. Procedures are attached.

14. I hereby certify that the foregoing is true and correct.  Electronic Submission #13474 verified by the BLM Well Information System  For CONOCO INC, sent to the Farmington  Committed to AFMSS for processing by Steve Mason on 08/12/2002 (02SXM0465SE)								
Name (Printed/Type	ed) YOLANDA PEREZ	Title	COORDINATOR	· · · · · · · · · · · · · · · · · · ·				
Signature	(Electronic Submission)	Date	08/10/2002					
THIS SPACE FOR FEDERAL OR STATE OFFICE USE								
_Approved By	STEPHEN MASON	Tit	le PETROLEUM ENGINEER	Date 08/23/2002				
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.			fice 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.								

# TEMPORARY ABANDONMENT OR PLUG AND ABANDONMENT PROCEDURE

#### San Juan 28- 7 Unit #31

Blanco Mesaverde 681' FNL & 2024' FWL, Section 20, T28N, R7W Rio Arriba County, New Mexico Lat: 36° 38' 28" / Long: 107° 35' 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 JSA meeting for all personnel on location. NU relief line. Blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
- 2. TOH and tally 2-3/8" tubing, total 4315'. Visually inspect tubing, if necessary LD tubing and PU and workstring. Round-trip a 7" gauge ring or casing scraper to 4097'.
- 3. Plug #1 (Mesaverde open hole, 4097' 4047'): TIH and set a 7" cement retainer at 4097'. Pressure test tubing to 1200#. Load casing with water and circulate well clean. Pressure test casing to 800#. Mix 22 sxs cement and spot a balanced plug inside casing to isolate the Mesaverde openhole interval. If the casing leaked, then WOC. TIH with tubing and tag cement. Pressure test casing to 1000#, record test on a pen recorder for 30 minutes (1000# spring and fast clock). If the casing pressure tests ok, then possibly spot water based corrosion inhibitor in well. Then TOH and LD tubing. ND BOP and NU wellhead. RD and MOL.

#### **PERMANENT ABANDONMENT:**

- 4. If casing does not pressure test after plug #1 cement is tagged, then continue with well abandonment. PUH to 2645'.
- 5. Plug #2 (Pictured Cliffs and Fruitland tops, 2645' 2296'): Mix 

   xxs cement and spot balanced plug inside the casing to cover the Pictured Cliffs and Fruitland tops. TOH with tubing.
- 6. Plug #3 (Kirtland and Ojo Alamo tops, 1845' 1635'): Perforate 3 HSC squeeze holes at 1845'. If casing tested after plug #3, then establish rate into squeeze holes. Set 7" cement retainer at 1780'. Mix and pump 104sxs cement, squeeze 54 sxs outside 7" casing and leave 50 sxs inside casing to cover Kirtland and Ojo Alamo tops. TOH with tubing.
  453'
- Plug #4 (Nacimiento top, 760" 600"): Perforate 3 HSC squeeze holes at 760". Establish rate into squeeze holes. Set 7" casing at 650". Mix and pump 55 sxs cement, squeeze 26 sxs outside 7" casing and leave 29 sxs inside casing to cover Nacimiento top. TOH and LD tubing.
- 8. Plug #5 (9-5/8" casing shoe, 221' Surface): Perforate 3 HSC squeeze holes at 221'. Establish circulation out bradenhead valve. Mix approximately 100 sxs cement and pump down the 4-1/2" casing, circulate cement to the surface. Shut in well and WOC. TIH and tag cement.
- 9. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

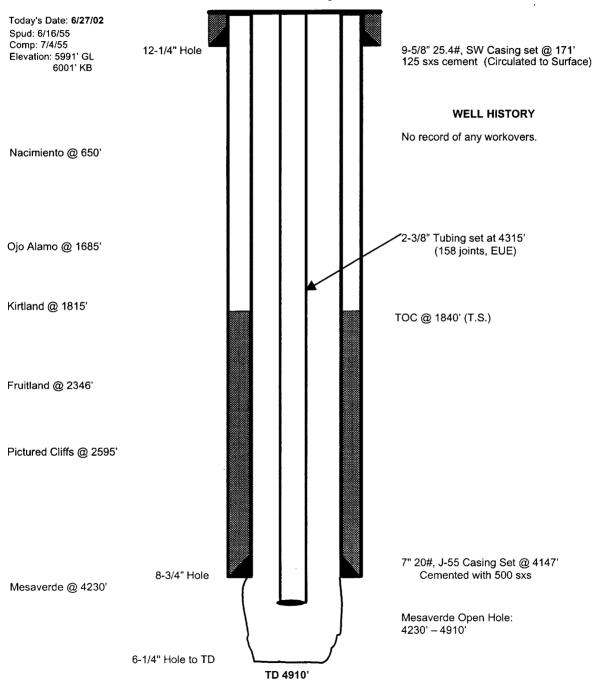
## San Juan 28-7 Unit #31

## Current

### Bianco Mesaverde

NW, Section 20, T-28-N, R-7-W, Rio Arriba County, NM API #30-039-07344

Lat: N 36<sup>^</sup> 38' 28.46" / Long: W 107<sup>^</sup>35' 53.52"

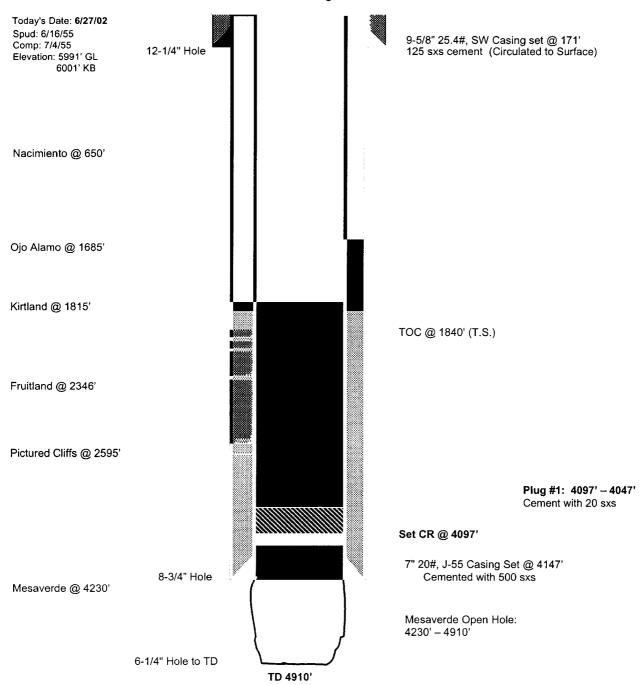


## San Juan 28-7 Unit #31

# Proposed Temporary Abandonment Blanco Mesaverde

### NW, Section 20, T-28-N, R-7-W, Rio Arriba County, NM API #30-039-07344

Lat: N 36<sup>^</sup> 38' 28.46" / Long: W 107<sup>^</sup>35' 53.52"



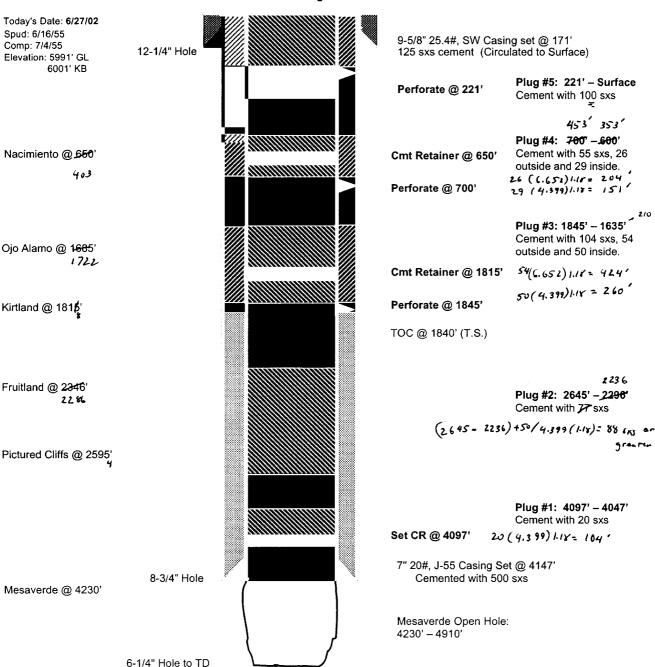
## San Juan 28-7 Unit #31

# Proposed Plug & Abandonment Blanco Mesaverde

NW, Section 20, T-28-N, R-7-W, Rio Arriba County, NM API #30-039-07344

Lat: N 36<sup>^</sup> 38' 28.46" / Long: W 107<sup>^</sup>35' 53.52"

221 /4.399 (1.6)= 43 5x5 50 (6.652(1.18)= 6 3x5 171 /5.533 (1.18)= 26 1x5 75 5x0



TD 4910'