Form 3160-5-(August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: November 30, 2000

Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS (9.9.10)	NMSF078496A
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

SUBMIT IN TRII	PLICATE - Other instru	ctions on reverse side.	7. If Unit or CA/Agreement, Name and/or No. NMNM78413A
Type of Well	er	The second of	8. Well Name and No. SJ 28-7 27
2. Name of Operator CONOCO INC	Contact:	DEBORAH MARBERRY E-Mail: deborah a marberry@conoco.com	9. API Well No. 30-039-07291-00-S1
3a. Address PO BOX 2197, DU 3084 HOUSTON, TX 77252-2197		3b. Phone No. (include strea code) Ph: 281.293.1005 Fx: 281.293.5090	10. Field and Pool, or Exploratory BLANCO
4. Location of Well <i>(Footage, Sec., T</i> Sec 26 T28N R7W SESW 099 36.62763 N Lat, 107.54562 W	90FSL 1650FWL	n)	11. County or Parish, and State RIO ARRIBA COUNTY, NM
12. CHECK APPE	ROPRIATE BOX(ES) T	O INDICATE NATURE OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SURMISSION	TYPE OF ACTION		

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

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 proposes to plug and abandon this well as per the attached procedure. Also attached is the current and proposed wellbore schematic.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #13917 verified by the BLM Well Information System For CONOCO INC, sent to the Farmington Committed to AFMSS for processing by Seve Mason on 08/30/2002 (02SXM0499SE)					
Name (Printed/Type	ed) DEBORAH MARBERRY	Title	SPECIALIST		
Signature	(Electronic Submission)	Date	08/30/2002		
THIS SPACE FOR FEDERAL OR STATE OFFICE USE					
A	CTEDUEN MASON	Ti	itle PETROLEUM ENGINEER Date 09/05/2002		
Conditions of approval, certify that the applicant	STEPHEN MASON		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.

TEMPORARY ABANDONMENT OR PLUG AND ABANDONMENT PROCEDURE

8/29/02

San Juan 28-7 Unit #27

Blanco Mesaverde 990' FSL & 1650' FWL, (N) Section 26, T28N, R7W Rio Arriba County, New Mexico

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3027

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 174 joints 2-3/8" tubing, SN at 5572' and bull plug at 5583', total 5573'. Visually inspect tubing, if necessary LD tubing and PU and workstring.
- 3. Plug #1 (Mesaverde open hole interval, 4830' 4780'): TIH and set a 7" cement retainer at 4830'. Pressure test tubing to 1200#. Load casing with water and circulate well clean. Pressure test casing to 800#. Mix 20 sxs cement and spot a balanced plug inside casing to isolate the Mesaverde open hole interval. PUH and reverse circulate well clean at 4700', if casing tested.
- 4. If the casing tested above then with the 2-3/8" tubing at 4700', pressure test casing to 1000#, hold for 30 minutes and make a chart. If PT holds, spot corrosion inhibited water in well. TOH and LD tubing. ND BOP and NU wellhead. RD and MOL.

PERMANENT ABANDONMENT:

- 5. If casing does not pressure test after plug #1, then continue with well abandonment. Spot or tag subsequent plugs as appropriate if the casing does not test. PUH with tubing to 4320'.
- 6. Plug #2 (Chacra top, 4340' 4240'): Mix 29 sxs cement and spot balanced plug inside the casing to cover the Chacra top. PUH to 3395'.

2927'

3027'

- 7. Plug #3 (Pictured Cliffs top, 3395' 3295'): Mix 29 sxs cement and spot balanced plug inside the casing to cover the Pictured Cliffs top. TOH with tubing.
- 8. Plug #4 (Fruitland top, 3050' 2950'): Perforate 3 HSC squeeze holes at 3050'. If casing tested, then establish rate into squeeze holes. Set 7" cement retainer at 3000'. Establish rate in squeeze holes. Mix and pump 55 sxs cement, squeeze 26 sxs outside 7" casing and leave 29 sxs inside casing to cover Fruitland top. TOH with tubing.
- 9. Plug #5 (Kirtland and Ojo Alamo tops, 2790' 2465'): Perforate 3 HSC squeeze holes at 2700'. If casing tested, then establish rate into squeeze holes. Set 7" cement retainer at 2700'. Establish rate into squeeze holes. Mix and pump 105 sxs cement, squeeze 60 sxs outside 7" casing and leave 48 sxs inside casing to cover Kirtland and Ojo Alamo tops. TOH with tubing

TEMPORARY ABANDONMENT OR PLUG AND ABANDONMENT PROCEDURE

8/29/02

San Juan 28-7 Unit #27

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Continued:

1211 1111

- 10. Plug #6 (Nacimiento top, 1370' 1270'): Perforate 3 HSC squeeze holes at 1376'. Establish rate into squeeze holes. Set 7" casing at 1320'. 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.
- 11. Plug #7 (13-3/8" casing shoe, 440' Surface): Perforate 3 HSC squeeze holes at 440'. Establish circulation out bradenhead valve. Mix approximately 160 sxs cement and pump down the 5-1/2" casing, circulate cement to the surface. Shut in well and WOC. TIH and tag cement.
- 12. 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.

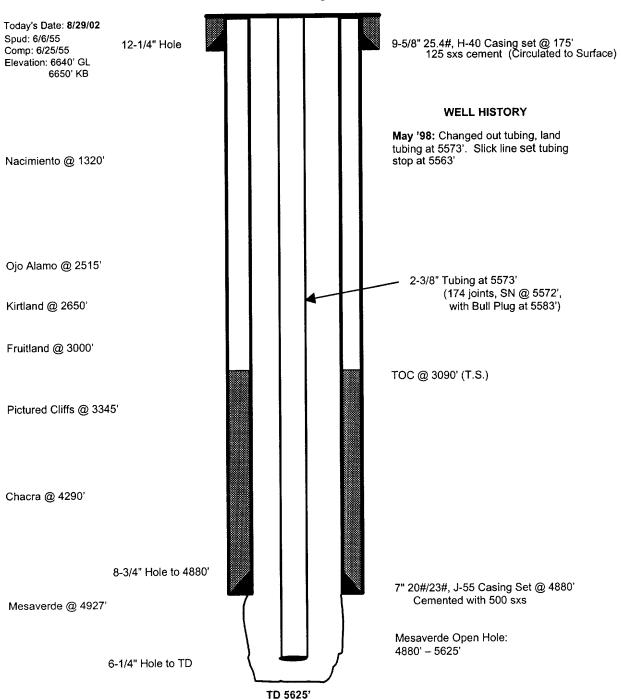
San Juan 28-7 Unit #27

Current Blanco Mesaverde

SW, Section 26, T-28-N, R-7-W, Rio Arriba County, NM

API #30-03972910

Lat: N 36^ 37' 39.43" / Long: W 107^32' 44.16"



San Juan 28-7 Unit #27

Proposed P&A

Blanco Mesaverde

SW, Section 26, T-28-N, R-7-W, Rio Arriba County, NM 440/4.399 (1.18) = 85 EAS 446-175/ 6652 (1.14)= 34 SAS API #30-03972910 175/5.5 (1-18) = 27 sxs Lat: N 36[^] 37' 39.43" / Long: W 107[^]32' 44.16" 146 Spor

Today's Date: 8/29/02 Spud: 6/6/55 Comp: 6/25/55 Elevation: 6640' GL 6650' KB

12-1/4" Hole

Nacimiento @ 1320' 1161

Ojo Alamo @ 2515' 2498

Kirtland @ 2650',

Fruitland @ 3990' 2977'

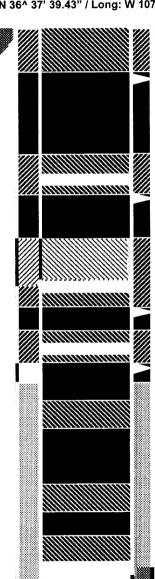
Pictured Cliffs @ 3345'

Chacra @ 4290'

8-3/4" Hole to 4880'

Mesaverde @ 4927

6-1/4" Hole to TD



TD 5625'

9-5/8" 25.4#, H-40 Casing set @ 175' 125 sxs cement (Circulated to Surface)

Perforate @ 440' Plug #7: 440' - Surface Cement with 160 sxs

Plug #6: 1370' - 1270' Cmt Ret @ 1320' Cement with 55 sxs. 26

outside and 29 inside 24 (4.652) 1-(4= 204' 29 (4.371) 1-18 = 151' Perforate @ 1370'

> 2653 2448' -Plug #5: 2700' - 2465' Cement with 105 sxs, 60

outside and 45 inside Inside Cmt Ret @ 2650' (2653-2448)+50/ 4.317(1.18)= 49 80 outside (2653-2448)2/6.652(1.18)2523x

3027 2927 Perforate @ 2700' Plug #4: 3950' - 2950'

Cement with 55 sxs, 26 Cmt Ret @ 3000' outside and 29 inside.

26(6.652)1.18= 204' ourside Perforate @ 3050'

3353 3653 TOC @ 3090' (T.S. Plug #3: 3395' - 3295' Cement with 29 sxs

> Plug #2: 4340' - 4240' Cement with 29 sxs b 29(4.399)1.18= 151'

> > Plug #1: 4830' - 4780' Cement with 20 sxs

Set CR @ 4830'

20(4.399)1.18= 104'

7" 20#/23#, J-55 Casing Set @ 4880' Cemented with 500 sxs

Mesaverde Open Hole: 4880' - 5625'