

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

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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 type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No. San Juan 28-7 #160
2. Name of Operator CONOCO INC.		6. If Indian, Allottee or Tribe Name Otero Chacra, NM
3. Address and Telephone No. 10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424		7. If Unit or CA, Agreement Designation
4. Location of Well (Footage Sec., T. R. M. or Survey Description) Section 19, T-27-N, R-7-W, O 1180' FSL & 1800' FEL		8. Well Name and No. 30-039-20406
		9. API Well No. Otero Chacra
		10. Field and Pool, or Exploratory Area Rio Arriba, NM
		11. County or Parish, State

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 checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Repon	<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 Fracrunng
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other	<input type="checkbox"/> Dispose Water

(Note: Reponresultsof multiplecompletionWdl 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. wished to P & A this well using the attached procedure.

RECEIVED
AUG 23 1999
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct		Kay Maddox	
Signed <i>Kay Maddox</i>	Title -Regulatory Agent	Date July 28, 1999	
(This space for Federal or State office use)			
Approved by <i>Elmer Becher</i>	Title Team Lead, Petroleum Management	Date AUG 18 1999	
Conditions of approval if any:			

BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST, FILE ROOM

Title 18 U.S.C. Section 1001, makes 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.

*See Instruction on Reverse Side
NMOCD

San Juan 28-7 Unit #160

Undesignated Chacra

1180' FSL, 1800' FEL, SE Section 19, T2 7N, R7W

Rio Arriba County, New Mexico

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

1. Prepare blow pit. Comply with all NMOCD, BLM, and Conoco safety regulations. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and install cementing valve.
 2. Prepare and tally a 1-1/4" IJ tubing work string. Rig up wireline unit and then RIH with 2-7/8" gauge ring to 3864' or as deep as possible.
 3. **Plug #1 (Chacra perforations, 3864' – 3764')**: Set a 2-7/8" wireline CIBP at 3864'. TIH with 1-1/4" IJ tubing and tag CIBP. Load casing with water and circulate clean. Pressure test casing to 500#. If casing does not test, then spot or tag plugs as appropriate. Mix 5 sxs Class B cement and spot a plug inside the 2-7/8" casing to isolate the Chacra perforations. TOH.
 4. **Run a CBL** to find the annular Top of Cement (TOC). Modify the following cement plugs as necessary after the TOC is determined. If casing leaks before a plug is to be set, then use a cement retainer 50' above the squeeze holes. If plugs are inside only then set with tubing.
 5. **Plug #2 (Pictured Cliffs top, 2980' – 2780')**: If TOC is below, then perforate 3 bi-wire squeeze holes at 2980'. Establish rate into perforations with water. Mix and pump 39 sxs Class B cement down 2-7/8" casing, squeeze 35 sxs outside casing and leave 4 sxs inside, displace to 2800'. Shut in well and WOC. Tag cement.
 6. **Plug #3 (Fruitland top, 2690' - 2590')**: If TOC is below, then perforate 3 squeeze holes at 2690'. Establish rate into squeeze holes if casing tested. Mix and pump 39 sxs Class B cement down casing, squeeze 35 sxs cement outside casing and leave 4 sxs cement inside casing to cover Fruitland top, displace to 2400'. WOC and then tag cement.
 7. **Plug #4 (Kirtland and Ojo Alamo tops, 2300' - 2040')**: If TOC is below, perforate 2 squeeze holes at 2300'. Establish rate into squeeze holes if casing tested. Mix 104 sxs Class B cement and squeeze 95 sxs cement outside 2-7/8" casing and leave 9 sxs cement inside casing to cover Ojo Alamo top, displace to 2000'. WOC and then tag cement. If casing leaks, use tubing and a wireline set retainer at 2250'.
 8. **Plug #5 (Nacimiento top, 980' – 880')**: Perforate 2 squeeze holes at 980'. Establish rate into squeeze holes if casing tested. Mix 39 sxs Class B cement and squeeze 35 sxs cement outside 2-7/8" casing and leave 4 sxs cement inside casing to cover Nacimiento top, displace to 700'. WOC and then tag cement. If casing leaks, use tubing and a wireline set retainer at 930'.
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9. **Plug #5 (8-5/8" Casing Shoe at 137')**: Perforate 2 squeeze holes at 187'. Establish circulation out bradenhead valve. Mix and pump approximately 60 sxs Class B cement down 2-7/8" casing, circulate good cement to surface. Shut in well and WOC.
10. 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 #1 60

Current

Undesignated Chacra

SE, Section 19, T-27-N, R-7-W, Rio Arriba County, NM

To day's Date: 7/2/79

Spud 8/2/71

Completed 10/1/71

Elevation 6642 (GL)

12-1/4" hole

8-5/8" 24#, J-55 Casing set @ 137'

Cement with 90 sacks (Circulated to Surface)

Cement @ 930'

Ojo Alamo @ 2090'

Kitland @ 2250'

Fruitland @ 2640'

Flashed Cliffs @ 2900'

Chacra @ 3910'

7-7/8" hole
to 3814'

Well Note:

TOC calculated at 3059' using 75% efficiency with No cement. It is probable that the actual top is higher due to the use of an extended cement. But there are no details to confirm this in the available records at the ELM and NMOC D. Therefore, a CBL will be run and the plugging plan should be appropriately modified once the annulus TOC is known.

TOC @ 3059' (Calc, 75%)

Chacra Perforation:

3914' - 26',
4048' - 4055'

2-7/8" 64 #, J-55 Casing set @ 4076'
Cement with 310 sacks (66)

6-3/4" hole

P. LTD
4065'

TD 4076'

Proposed P&A

Undesignated Chacra

SE, Section 19, T-27-N, R-7-W, Rio Arriba County, NM

To day's Date: 7-2-79
Spud: 8-2-79
Completion: 10-1-79
Elevation: 6642' (GL)

12-1/4" hole

8-5/8" 24#, J-55 Casing set @ 137'
Cement with 90 sxs (Circulated by Surface)

Perforate @ 187'

Plug #6 187' - Surface
Cement with 60 sxs Class B

Acimiento @ 930'

Perforate @ 980'

Plug #5 980' - 880'
Cement with 39 sxs Class B,
35 sxs outside casing
and 4 sxs inside

* Note: The below perforations
depend on the annulus TOC which
will be determined by a CEL.

Ojo Alamo @ 2090'

Plug #4 2300' - 2040'
Cement with 104 sxs Class B,
95 sxs outside casing
and 9 sxs inside.

Kitland @ 2250'

Perforate @ 2300' *

Frutland @ 2640'

Perforate @ 2690' *

Plug #3 2690' - 2590'
Cement with 39 sxs Class B,
35 sxs outside casing
and 4 sxs inside.

Red Cliffs @ 2930'

Perforate @ 2980' *

Plug #2 2980' - 2780'
Cement with 39 sxs Class B,
35 sxs outside casing
and 4 sxs inside.

TOC @ 3059' (Calc., 75%)

Chacra @ 3910'

7-7/8" hole
to 3814'

Plug #1 3864' - 3764'
Cement with 5 sxs Class B

Set OGP at 3864'

Chacra Perforations:
3914' - 26',
4048' - 4056'

2-7/8" 64#, J-55 Casing set @ 4076'
Cement with 310 sxs (66)

6-3/4" hole

TD 4076'

P.B.D.
4065'