

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

RECEIVED

APR 07 2009

Sundry Notices and Reports on Wells

**Bureau of Land Management
Farmington Field Office**

1. Type of Well
GAS

5. Lease Number
SF-079302-A

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

2. Name of Operator

BURLINGTON

RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

8. Well Name & Number
Sanchez A 3

9. API Well No.

30-039-20096

4. Location of Well, Footage, Sec., T, R, M

10. Field and Pool

PC/CH

11. County and State
Rio Arriba, NM

Surf: Unit O (SWSE), 1180' FSL & 1650' FEL, Section 20, T26N, R6W, NMPM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**Type of Submission**☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment**Type of Action**☒ Abandonment☐ Recompletion☐ Plugging☐ Casing Repair☐ Altering Casing☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut off☐ Conversion to Injection☐ Other -**RCVD APR 15 '09****OIL CONS. DIV.
DIST. 3****13. Describe Proposed or Completed Operations**

Burlington Resources wishes to P&A the PC side of this well per the attached procedures and well bore schematics.

14. I hereby certify that the foregoing is true and correct.

Signed [Signature] Kelly Jeffery Title Regulatory Technician Date 4/7/09

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason

Title _____

Date _____

APR 14 2009

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

68 5/4/09

ConocoPhillips
Sanchez A #3 (PC/CH)
Plug and Abandon Only the PC Side of the Wellbore

Lat 36° 28' 4" N Long 107° 29' 15" W

Prepared By: David McDaniel
Production Engineering Peer review/approved By:

Date: 12/19/2008
Date: / /

Scope of work: Plug and abandon only the PC side of the wellbore and continue to produce the Chacra side of this shotgun dual completion.

WELL DATA:

API: 3003920096
Location: 1180' FSL & 1650' FEL, Unit O, Section 20 – T26 N – R06 W
PBTD: 3031' (PC); 3896' (CH) **TD:** 3908'
Perforations: 2910'-2932' (PC); 3770'-3872' (CH)

<u>Casing:</u>	<u>OD</u>	<u>Wt., Grade</u>	<u>Connection</u>	<u>ID/Drift (in)</u>	<u>Depth</u>
	9-5/8"	32.3#, H-40	-	9.001 /8.845	133'
<u>PC Side:</u>	2-7/8"	6.40#, J-55	-	2.441/2.347	3039'
<u>CH Side:</u>	2-7/8"	6.40#, J-55	-	2.441/2.347	3908'
<u>Tubing:</u>	Slimhole completion, no tubing in either side				

Well History/ Justification: The Sanchez A3 is a slimhole PC well that was drilled in 1968. It is a dual slimhole completion with two strings of 2-7/8 production casing and no tubing. Each casing string is completed to a separate zone. Recently the PC side logged off quickly. A subsequent slickline unit was able to tag fluid approximately 400' from surface. The PC zone itself is not known for producing a lot of water, and does not likely have enough bottom-hole pressure to push fluid that high in the wellbore, so a casing integrity issue is suspect. A swabbing rig was moved on to the location to see if there was only a column of water accumulated due to liquid loading. They swabbed for a full day, and found the exact same fluid level at 400' from surface when they came back the next day. It is likely that there is a casing failure in this wellbore, due to high fluid level, and excess liquid production.

Analysis of the well's past production history, lease operating expenses, and current well configuration reveals that any attempt to repair leaking casing would very likely result in expenses that could never be recovered by this well, even if all of the remaining reserves were produced economically thereafter. The slimhole nature of the completion precludes any uphole pay adding potential. There is no choice but to plug and abandon the PC side of this dual completion wellbore for economic and environmental reasons.

B2 Adapters are required on all wells other than pumping wells.

Artificial lift on well (type): None

Est. Reservoir Pressure (psig): 200 (PC) 350 (CH)

Well Failure Date: N/A

Current Rate (Mcf/d): N/A

Pit Required: Steel tank provided by A+ will be used for cement returns

Special Requirements: None

<u>Production Engineer:</u>	David McDaniel	Office: 599-3443, Cell: 320-2907
<u>Backup Engineer:</u>	Paul Nguyen	Office: 599-3432, Cell: 320-1254
<u>MSO:</u>	Burl Applegate	Cell: 320-2570
<u>Lead:</u>	Vance Roberts	Cell: 320-9567
<u>Area Foreman:</u>	Cary Green	Cell: 320-2636

ConocoPhillips
Sanchez A #3 (PC/CH)
Plug and Abandon Only the PC Side of the Wellbore

Lat 36° 28' 4" N Long 107° 29' 15" W

PROCEDURE:

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. All cement will be Class B, mixed at 14.8 ppg with a 1.18 cf/sx yield.

1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes____, No X, Unknown____.
Tubing: Yes____, No X, Unknown____, Size____, Length____.
Packer: Yes____, No X, Unknown____, Type____.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

Pictured Cliffs P&A:

8. **Plug #1 PC (Pictured Cliffs and Fruitland, Kirtland, Ojo Alamo tops, 2860' – 2112')**:
Round trip 2.875" casing scraper or gauge ring to 2860'. RIH and set 2.875" wireline CIBP at 2860'. TIH with tubing and tag CIBP at 2860'. Load casing with water and circulate well clean. Pressure test casing to 500#. *If the casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 21 sxs Class B cement (in 2 stages) and spot a balanced plug inside the casing above the CIBP to isolate the PC interval and cover through the Ojo Alamo top. PUH with tubing.
9. **Plug #2 PC (Nacimiento top, 1107' – 1007')**: TIH with open ended tubing. Spot 5 sxs Class B cement inside casing to cover the Nacimiento top. PUH with tubing. WOC if necessary.
10. **Plug #3 PC (Surface casing, 183' – Surface)**: TIH with open ended tubing. Mix approximately 10 sxs Class B cement from 183' to surface, circulate good cement out the casing valve. Shut in well and WOC.
11. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Sanchez A #3

Current

Otero Chacra Ext. / So. Blanco Pictured Cliffs

1180' FSL & 1650' FEL, Section 20, T-26-N, R-6-W, Rio Arriba County, NM

Lat: 36°28'3.972" / Long: 107°29'14.784" / API 30-039-20096

Today's Date: 11/26/08

Spud: 5/19/68

Ch Comp: 6/17/68

PC Comp: 6/24/68

Elevation: 3908' GL

3896' KB

Nacimiento @ 729' *est

Ojo Alamo @ 2247' *est

Kirtland @ 2414' *est

Fruitland @ 2660' *est

Pictured Cliffs @ 2908'

Chacra @ 3766'

13.75" Hole

8.75" Hole

6.75" Hole

9.625" 32.3# Casing set @ 133'
Cement with 130 sxs, circulated to surface

TOC @ 2000' ('68 T.S.)

Pictured Cliffs Perforations:
2910' - 2932'

2.875" 6.4# Casing @ 3039'
Cement with 200 sxs

Chacra Perforations:
3770' - 3872'

2.875" 6.4# Casing @ 3908'
Cement with 155 sxs

3908' TD
3896' CH PBTD
3031' PC PBTD

Sanchez A #3 **Proposed P&A PC Zone**

Otero Chacra Ext. / So. Blanco Pictured Cliffs

1180' FSL & 1650' FEL, Section 20, T-26-N, R-6-W, Rio Arriba County, NM

Lat: 36°28'3.972" / Long: 107°29'14.784" / API 30-039-20096

Today's Date: 11/26/08
 Spud: 5/19/68
 Ch Comp: 6/17/68
 PC Comp: 6/24/68
 Elevation: 3908' GL
 3896' KB

Nacimiento @ 729' *est

Ojo Alamo @ 2247' *est

Kirtland @ 2414' *est

Fruitland @ 2660' *est

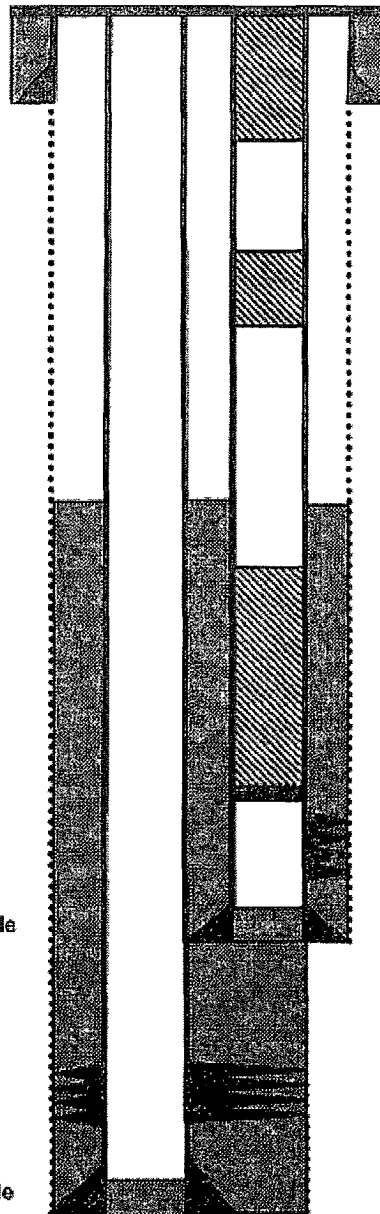
Pictured Cliffs @ 2908'

Chacra @ 3766'

13.75" Hole

8.75" Hole

6.75" Hole



3908' TD
 3896' PBTD
 3031' PBTD

9.625" 32.3#, Casing set @ 133'
 Cement with 130, circulated to surface

PC Perforate @ 183'

PC Plug #3: 183' - 0'
 Class B cement, 10 sxs

PC CR @ 729'

PC Perforate @ 779'

PC Plug #2: 779' - 679'
 Class B cement, 5 sxs

PC TOC @ 2000' ('68 T.S.)

PC Plug #1: 2860' - 2197'
 Class B cement, 21 sxs:
 In 2 stages

PC CIBP @ 2860'

Pictured Cliffs Perforations:
 2910' - 2932'

2.875" 6.4#, Casing @ 3039'
 Cement with 200 sxs

Ch TOC @ 3229' (Calc, 75%)

CH Set CIBP @ 3720'

Chacra Perforations:
 3770' - 3872'

2.875" 6.4#, Casing @ 3908'
 Cement with 155 sxs

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment (PC only)
Well: 3 Sanchez A

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
 - a) Bring the top of the Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo plug to 2118'.
 - b) Place the Nacimiento plug from 1107' – 1007'.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.