

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
CONOCOPHILLIPS CO.3a. Address 3b. Phone No. (include area code)
P.O. BOX 2197 WL3 6108 HOUSTON TX 77252 (832)486-2326

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

B, SEC. 28, T27N, R7W
1120' FNL & 1470' FWL
1740' FEL

5. Lease Serial No.

SF 078640

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
082078417A

8. Well Name and No.

SAN JUAN 28-7 #217

9. API Well No.

30-039-20972

10. Field and Pool, or Exploratory Area
CHACRA11. County or Parish, State
RIO ARRIBA
NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 recompletable 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 recompletable 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.)

ConocoPhillips proposes to recompletable this well as per the attached procedure. If the casing does not test the well will be plugged as per the attached procedure. Also attached is a current, and proposed wellbore schematic.

2006 FEB 9 PM 1 14
RECEIVED
OTO FARMINGTON NM14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Deborah Marberry

Title REGULATORY ANALYST

Signature

Deborah Marberry

Date 06/08/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason

Title

Date FEB 17 2006

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.

Office

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.

(Instructions on page 2)

NMOC

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-20972		*Pool Code 72319	*Pool Name BLANCO MESAVERDE
*Property Code 31739	*Property Name SAN JUAN 28-7 #217		*Well Number 217
*OGRID No. 217817	*Operator Name CONOCOPHILLIPS CO.		*Elevation

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	28	27N	7W		1120'	NORTH	1470' 1470'	WEST EAST	RIO ARriba

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

*Dedicated Acres 320 N/2	*Joint or Infill	*Consolidation Code	*Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16					1470'					17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Deborah Marberry</i> Date: 02/08/2006 DEBORAH MARBERRY Printed Name
										18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor:
										Certificate Number



San Juan Workover Procedure

'Our work is never so urgent or important that we cannot take time to do it safely.'

WELL: San Juan 28-7 Unit #217 (Chacra / DK)

Objective: Plug and abandon the Dakota and Charca zones in this well if the casing pressure tests; and then complete the Mesaverde zone. If the casing does not test, then the well will be plugged.

WELL DATA:

API: 30-039-20972

Location: NE, Section 28, T-27-N, R-7-W

Lat: 36 deg, 32', 53.8" N Long: 107 deg, 34', 37.9"

Elevation: GLM 6534'

KBM 6544'

TD: 7496'

PBTD: 7479'

Perforations: DK - (7222' - 7449'); Chacra - 3318' - 4044';

Existing Casing, Tubing and Packer Information

	OD (in)	Depth (ft)	ID (inches)	Weight (#/ft)	Grade	Burst (psi)	Collapse (psi)	Cmt top
Surface	9.625	218	9.001	32.3.0	H-40	2270	1400	Surface
Production	4.5	7496	4.000	11.6	J-55	5350	4960	6460 Calc.
	4.5		4.052	10.5	J-55	4790	4010	
DV Tool		5776						4074' Calc.
DV Tool		3100						1925' T.S.
Tubing	2.375	6502	1.995	4.7	J-55	7700	8100	

Artificial lift on well:

PROCEDURE:

Note: All cement for squeezing will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

Notify the BLM before any doing any cementing work.

Minimize the use of pipe dope during workover operations to protect the formation.

1. Notify Lease Operator. Determine if well is equipped with a piston. Have lease operator remove piston or if necessary have slick line unit recover piston and BH spring assembly.

2. Set and fill 400 bbl water tank with fresh water. Install and test location rig anchors. Set flowback tank. Comply with all NMOCD, BLM, and ConocoPhillips safety regulations. MOL and RU daylight pulling unit.
3. **Conduct safety meeting for all personnel on location.** Complete JSA as appropriate for the work at hand.
4. **Important:** Record the tubing, casing and bradenhead pressures. Dig out the bradenhead valve below ground level. Then conduct a "Bradenhead Test" – Open the bradenhead valve and blow it down, note type of flow and record the tubing and casing pressures at 5 minute intervals for 30 minutes. Then shut in the BH valve and record 5, 10 and 15 minute pressures.
5. Blow well down the casing and tubing and if necessary, kill well with fresh water if necessary. ND tree, install BPV, and NU BOP. Test BOPE to 250 PSI low and 2500 PSI high.
6. TOH with 2.375" tubing with SN on bottom. Visually inspect tubing and note any corrosion, mud or scale.

Dakota Zone Plugging:

7. Round-trip 4.5" casing scraper to 7172'.
8. **Plug #1 (Dakota Perforations and top, 7172' – 7072'):** TIH and set a 4.5" cement retainer at 7172'. Pressure test tubing to 1000 PSI. Sting out of retainer. Load the casing with water and attempt to circulate to the surface, pump 120 bbls. Then mix 12 sxs cement and spot a balanced plug inside casing above the CR to isolate the Dakota perforations and top. TOH with tubing.
9. **Plug #2 (Gallup top, ⁶³⁰⁰ ~~6263~~ – ⁶²⁰⁰ ~~6263~~):** Perforate 3 squeeze holes at ⁶³⁰⁰ ~~6263~~'. Set 4.5" cement retainer at ⁶³⁰⁰ ~~6263~~'. Establish rate below the CR into the squeeze holes. Mix and pump 46 sxs cement, squeeze 35 sxs outside the casing and leave 11 sxs inside casing. PUH to 4640'. WOC and then TIH and tag cement. TOH with tubing.

Chacra Zone Abandonment:

10. Pick up a full bore packer and TIH to 4100'. Load well with water and circulate clean. Set packer and pressure test the 4.5" casing from 4100' to 6200' to 1000#. Reset the packer above the Chacra perforations at 3750' and then pressure test the annulus to 800#. If the casing does not test then proceed to the Complete Well Abandonment procedure section.
11. **If the casing does test above and below the Chacra perforations,** then reset the packer at 3600' and establish a rate into the Chacra perforations. Mix and pump 100 sxs cement and squeeze below the packer into the Chacra perforation; hesitation squeeze the cement into the Chacra zone up to 1000#. WOC overnight.

12. TOH and LD the packer. Pick up 4 - 3-1/8" drill collars and a 3-7/8" bit. Drill out the cement through the Chacra perforations. Pressure test the cement squeeze to 800#. If it does not test, then re-squeeze. TOH with the drill collars and bit, LD. Round trip a 4.5" casing scraper to 5500'. Prepare the well for fracture stimulation per Engineering instructions.

Mesaverde Zone Completion:

13. Load the 4.5" casing from 6000' to surface with 2% KCl water. Run logs as necessary – CBL; Neutron;
14. Perforate the Mesaverde zone per Engineering instructions.
15. Frac the Mesaverde zone. Clean out and land the tubing.

Complete Well Abandonment:

- a. If the 4.5" casing does not test, then TOH and LD the packer.
- b. **Plug #3 (Mesaverde top, 4640' – 4540')**: TIH with open ended tubing to 4640'. Load the well with water. Mix 12 sxs cement and spot a balanced plug inside the casing to cover the Mesaverde top. TOH with tubing.
- c. **Plug #4 (Chacra perforations and top, 3768' – 3668')**: Set a 4.5" wireline CIBP or tubing set CR at 3768'. TIH with tubing and load the casing with water. Circulate the well clean. Pressure test casing to 500 PSI. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 12 sxs cement and spot a balanced plug inside casing above the CIBP to isolate the Chacra perforations and top. PUH with tubing.
- d. **Plug #5 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 2945' – 1974 2420')**: Mix 60 sxs cement and spot a balanced plug inside casing to cover PC top through the Ojo Alamo top. PUH to 620'.
- e. **Plug #6 (Nacimiento top and 9-5/8" Casing shoe top, 620' – Surface)**: Connect the pump line to the bradenhead valve. Load the BH annulus with water and then pressure test the BH annulus to 300#. If it tests, then mix 50 sxs Type III cement and spot a balanced plug inside casing from 620' to surface, circulate good cement out casing valve. TOH and LD tubing. If the bradenhead annulus does not test, then perforate at the appropriate depth and place cement to cover the Nacimiento top, casing shoe and fill the BH annulus as necessary.
- f. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

San Juan 28-7 Unit #217

Proposed MV Completion

Basin Dakota / Otero Chacra, API #30-039-20972

1120' FNL, 1740' FEL, NE, Section 28, T-27-N, R-7-W, Rio Arriba County, NM

Lat: N 36° 32' 53.8" / Long: W 107° 34' 37.9"

Today's Date: 2/7/06

Spud: 7/30/78

DK Completion: 10/2/78

Elevation: 6534' GL

Nacimiento @ 570'

Ojo Alamo @ 2170'

Kirtland @ 2238'

Fruitland @ 2600'

Pictured Cliffs @ 2895'

Chacra @ 3878'

Mesaverde @ 4590'

Gallup @ 6313'

Dakota @ 7270'

13-3/4" hole

Cmt Sqz, 1991

Cmt Sqz, 2000

TOC @ 1925' (T.S.)

9.625" 32.3#, Casing set @ 218'
Cement with 224 cf (Circulated to Surface)

DV Tool @ 3100'
Cement with 512 cf

Chacra Perforations:
3818' - 4044'

TOC @ 4074' (Calc, 75%)

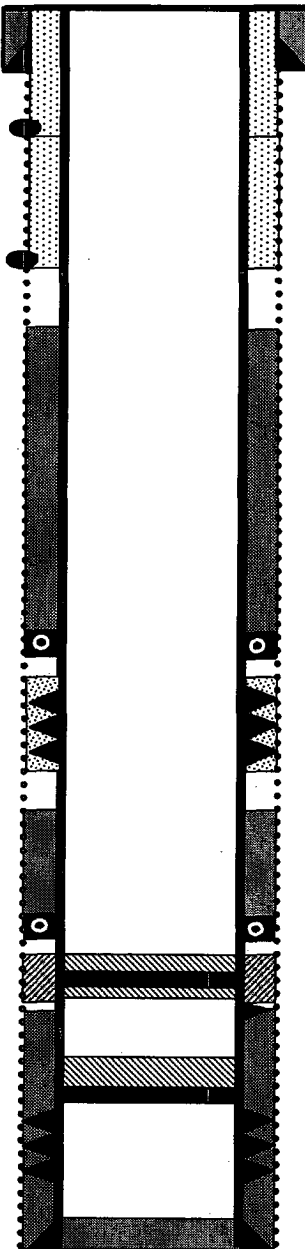
DV Tool @ 5776'
Cement with 517 cf
Cmt Retainer @ 6313'
Perforate @ 6363'
TOC @ 6460' (Calc, 75%)
Plug #2: 6363' - 6263'
Type III cement, 46 sxs,
25 outside and 44 inside

Set CR @ 7172'
Dakota Perforations:
7222' - 7449'
Plug #1: 7172' - 7072'
Type III cement, 11 sxs

7-7/8" hole

4.5" 10.5&11.6#, K-55 Casing set @ 7496'
Cement with 314 cf

TD 7496'



San Juan 28-7 Unit #217

Current

Basin Dakota / Otero Chacra, API #30-039-20972

1120' FNL. 1740' FEL. NE. Section 28. T-27-N. R-7-W. Rio Arriba County, NM

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Spud: 7/30/78

DK Completion: 10/2/78

Elevation: 6534' GL

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Mesaverde @ 4590'

Gallup @ 6313'

Dakota @ 7270'

13-3/4" hole

Cmt Sqz, 1991

Cmt Sqz, 2000

TOC @ 1925' (T.S.)

7-7/8" hole

TD 7496'

9.625" 32.3#, Casing set @ 218'
Cement with 224 cf (Circulated to Surface)

WELL HISTORY

Jul '91: Casing Repair: Isolate hole in casing at 247'. Perf at 265, Squeeze with 150 sxs; cir out BH???. CBL, perf at 955'; squeeze with 150 sxs. Drill out, PT to 1200#, OK.

Aug '00: Chacra Re-completion: Run CBL 3000' to 4100', no cement. Perforate 3820', squeeze with 100 sxs, DO, run CBL, no cement. Perforate 4070' and 3770', block squeeze with 100 sxs. DO, Perf and frac Chacra 3818' to 4044'. CO to TD. Land tubing at 7244'.

Mar '02: Slickline. RIH w/1.65 impression block, tag fill at 7380', sand. RD, MOL.

Feb '03: TIH w/bailer, tag solid at 7376', unable to go deeper, change out 7 jts tubing, land at 7295'.

2.375" Tubing set at 7295'

DV Tool @ 3100'
Cement with 512 cf

Chacra Perforations:
3818' - 4044'

TOC @ 4074' (Calc, 75%)

DV Tool @ 5776'
Cement with 517 cf

TOC @ 6460' (Calc, 75%)

Dakota Perforations:
7222' - 7449'

4.5" 10.5&11.6#, K-55 Casing set @ 7496'
Cement with 314 cf

San Juan 28-7 Unit #217

Proposed P&A

Basin Dakota / Otero Chacra, API #30-039-20972

1120' FNL, 1740' FEL, NE, Section 28, T-27-N, R-7-W, Rio Arriba County, NM

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Chacra @ 3878'

Mesaverde @ 4590'

Gallup @ 6313'

Dakota @ 7270'

13-3/4" hole

Cmt Sqz, 1991

Cmt Sqz, 2000

TOC @ 1925' (T.S.)

7-7/8" hole

TD 7496'

9.625" 32.3#, Casing set @ 218'
Cement with 224 cf (Circulated to Surface)

Plug #6: 620' – Surface
Type III cement, 50 sxs

Plug #5: 2945' – 2120'
Type III cement, 60 sxs

DV Tool @ 3100'
Cement with 512 cf

CIBP @ 3768' **Plug #4: 3768' – 3668'**
Chacra Perforations: Type III cement, 11 sxs
3818' – 4044'

Plug #3: 4640' – 4540'
Type III cement, 11 sxs
TOC @ 4074' (Calc, 75%)

DV Tool @ 5776'
Cement with 517 cf **Plug #2: 6363' – 6263'**
Cmt Retainer @ 6313' Type III cement, 46 sxs,
Perforate @ 6363'
TOC @ 6460' (Calc, 75%)

Set CR @ 7172' **Plug #1: 7172' – 7072'**
Dakota Perforations: Type III cement, 11 sxs
7222' – 7449'

4.5" 10.5&11.6#, K-55 Casing set @ 7496'
Cement with 314 cf