UNITED STATES

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	Sundry Notices and Reports on Wells				
1.	Type of Well GAS	5. 6.	SF - 0 If Ind	Number 179012 ian, All. or Name	
2.	2. Name of Operator CONOCOPHILLIPS COMPANY			Unit Agreement Name San Juan 31-6 Unit	
3.	Address & Phone No. of Operator	8.		Name & Number uan 31-6 Unit 13H	
	PO Box 4289, Farmington, NM 87499 (505) 326-9700			API Well No.	
4.	Location of Well, Footage, Sec., T, R, M	10.		9-29652 and Pool	
	Surf: Unit M (SWSW), 795' FSL & 1310' FWL, Section 4, T30N, R6W, NMPM Surf: Unit M (SWSW), 749' FSL & 771' FWL, Section 4, T30N, R6W, NMPM			o MV/Basin DK rriba Co., NM	
12	CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OT Type of Submission X Notice of Intent Recompletion Subsequent Report Plugging Casing Repair Final Abandonment Altering Casing Conversion to Injection	HER X	Other – R(MIT/P/B Lower DK Water producing zone CVD AUG 26 '09 IL CONS. DIV.	
	. Describe Proposed or Completed Operations			NIST 3	
14 Si;	I hereby certify that the foregoing is true and correct. gned Jamie Goodwin Title Regulatory Technics pace for Federal or State Office use) PPROVED BY Original Signed: Stephen Mason Title			8 21 09 AUG 2 5 2003	

NOTIFY NUICO AZTER ZY HOURS PRIOR TO BEGINNING OPERATIONS

ConocoPhillips SAN JUAN 31-6 UNIT 13H MIT and Water Shut-Off

Lat 36° 50' 11.544" N

Long 107° 28' 19.704" W

PROCEDURE

- 1. Test well for H₂S (15 ppm indicated by water sample on 7/20/09) and treat with Scavenger as necessary.
- 2. Send slickline to pull any down-hole equipment. If not able to pull, set three slip stop above obstruction. (Bumper spring and PCS Bypass Plunger w/ internal grab currently in hole)
- 3. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.
- 4. MIRU work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
- 5. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCI, if necessary.
- 6. ND wellhead and NU BOPE. PU and remove tubing hanger and tag for fill, adding additional joints as needed (tubing currently landed @ 7810, PBTD @ 7900). Record fill depth in Wellview.
- 7. TOOH with tubing (details below)

Number	Description
252	2-3/8" Tubing joint
1	2-3/8" Pup Joint (')
1	2-3/8" Tubing Joints
1	2-3/8" F Nipple (ID 1.78")
	2-3/8" Mule Shoe
i	

Visually inspect tubing and record findings in Wellview. Make note of corrosion or scale and notify engineer of any unusual findings. LD and replace any bad joints.

8. If fill is tagged, PU bailer and CO to PBTD (7900). If fill is too hard or too much to bail, utilize the air package. TOOH. LD tubing bailer (if applicable). Please call Production Engineer to inform how much fill was tagged. If scale is on tubing spot acid.

Contact Rig Superintendent or engineer for acid, volume, concentration, and displacement volume.

9.PU and TIH with RBP for 4-1/2" 11.6# casing on the 2-3/8" tubing, set RBP @ 4920'. Unlatch tubing from RBP and set a packer, test RBP at 500 PSI for 10 min.

1000 # MAX SPRING

- 10.Unset packer and test casing to 500psi for 30 minutes on a 2 hour chart. If test passes, go to step 15. If step fails, continue with the next step.
- 11. Contact Rig Superintendent and Production Engineer so they can obtain the necessary regulatory approvals and proper squeeze design. Pull up packer and isolate hole(s) in the casing, record the location of the holes.
- 12. RU cement company, try to get injection rate and returns to surface with water, cement all squeeze holes, and circulate to surface if possible.
- 13. TIH with 3-7/8" bit and drill out excess cement left in the 4-1/2" casing to RBP set @ 4920'. TOOH.

1000 # MAX SPRING

- 14. Perform a charted pressure test on casing to 500psi for 30 minutes on a 2 hour chart. If test fails, go back to step 10 and call the Rig Superintendent and Production Engineer. If test passes continue to step 15.
- 15. Retrieve RBP set @ 4920'.

- 16. Reset RBP @ 5150', set packer, and test RBP at 500 PSI for 10 min. Unset packer, land tubing @ 5070', and unload well. Swab well if necessary, record time, fluid volume, and fluid levels. Produce well, monitor, and record water production for a 12 hour period (contact Production Engineer to confirm production time period). Contact Production Engineer when wells starts producing or if well won't produce. Take a water sample (Envirotech to run water test on site) and send results to Production Engineer. Production Engineer will give further instruction. (Be prepared to continue with step 17 or perform squeeze job).
- 17.Retrieve RBP set @ 5150'.
- 18. Reset RBP @ 5460', set packer, and test RBP at 500 PSI for 10 min. Unset packer, land tubing @ 5410', and unload well. Swab well if necessary, record time, fluid volume, and fluid levels. Produce well, monitor, and record water production for a 12 hour period (contact Production Engineer to confirm production time period). Contact Production Engineer when wells starts producing or if well won't produce. Take a water sample (Envirotech to run water test on site) and send results to Production Engineer. Production Engineer will give further instruction. (Be prepared to continue with step 19 or perform squeeze job).
- 19.Retrieve RBP set @ 5460'.
- 20. Reset RBP @ 5800', set packer, and test RBP at 500 PSI for 10 min. Unset packer, land tubing @ 5726', and unload well. Swab well if necessary, record time, fluid volume, and fluid levels. Produce well, monitor, and record water production for a 12 hour period (contact Production Engineer to confirm production time period). Contact Production Engineer when wells starts producing or if well won't produce. Take a water sample (Envirotech to run water test on site) and send results to Production Engineer. Production Engineer will give further instruction. (Be prepared to continue with step 21 or perform squeeze job).
- 21.Retrieve RBP set @ 5800'.
- 22. Reset RBP @ 7826', set packer, and test RBP at 500 PSI for 10 min. Unset packer, land tubing @ 7816', and unload well. Swab well if necessary, record time, fluid volume, and fluid levels. Produce well, monitor, and record water production for a 12 hour period (contact Production Engineer to confirm production time period). Contact Production Engineer when wells starts producing or if well won't produce. Take a water sample (Envirotech to run water test on site) and send results to Production Engineer. Production Engineer will give further instruction. (Be prepared to continue with step 23 or perform squeeze job).
- 23. Retrieve RBP set @ 7826'. TOOH w/ RBP.
- 24. TIH, land tubing @ 7864', and unload well. Swab well if necessary, record time, fluid volume, and fluid levels. Produce well, monitor, and record water production for a 12 hour period (contact Production Engineer to confirm production time period). Contact Production Engineer when wells starts producing or if well won't produce. Take a water sample (Envirotech to run water test on site) and send results to Production Engineer. Production Engineer will give further instruction. (Be prepared to continue with step 25 or perform squeeze job).
- 25. CO wellbore to PBTD @ 7900'. TOH.
- 26. TIH with tubing using Tubing Drift Procedure. (detail below). Be sure to confirm landing depth with Production Engineer.

RecommendedTubing Drift ID:1.901"Land Tubing At:7810'Land F-Nipple At:7808'

Number	Description
	2-3/8" Mule Shoe
1 252	2-3/8" F Nipple (ID 1.78") 2-3/8" Tubing Joints
As Necessary	Pup Joints
1	2-3/8" Tubing Joint

Tubing Drift Check

Procedure

- 1. Set flow control in tubing. With air, on location, use expendable check. With no air on location, use wire line plug.
- 2. RU drift tool to a minimum 70' line. Drift tool will have an OD of at least the API drift specification of 1.901" for the 2 3/8",4.7# tubing, and will be at least 15" long. The tool will not weigh more than 10# and will have an ID bore the length of the tool, so fluids may be pumped through the tool if it becomes stuck.
- 3. Drop the tool into the tubing string and retrieve it after every 2 joints of tubing ran in hole. If any resistance to the tool movement is noticed, going in or out, that joint will be replaced.
- 4. In order to stimulate the plunger lift operation, all equipment must be kept clean and free of debris.

The drift tool should be measured with calipers before each job, to ensure the OD is the correct size for the tubing being checked. The maximum allowable wear of the tool is .003".

- 27. Run standing valve on shear tool, load and pressure test tubing to 1000 psig. Pull standing valve.
- 28. ND BOP, NU wellhead, blow out expendable check. Make swab run if necessary to kick off well. Notify Lease operator to return to well production. RDMO.

Should you have any questions or need additional inform, please contact Production Engineer.

ConecoPhillips
Well name: SAN JUAN 31 6 UNIT #13H

12 July 1 4 1 4 1 4 1 5 1	Name: SAN JUAN 31-6 UNI	Field Name	Collibrate No State/Produce サンタスタン [Well C	onfiquation Type Felit
30039296	65200 : NMPM-30N-06VV-04-W	I IMV/DK/COM	「NEW MEXICO 光流気分をVerti	cal "Edit
Ground Elega	tological ka/RT Ekcator (tol.) 275:00	Hdi-Ground Dista	нос ф) Md-Cashig Flange Ostanos ф), Md 46.00	Tiblig Haiger Oktaice (例
		SISSING SECTION	Ownia 21 11 21 27 70 70 00 0 0 27 40 MM	
ftKB	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	ni coning: venical;	Original Hole, 7/29/2009 8:37-18:AM	
(MD)		Schematic	- Actual	Frm Final
16	bennessel et siennessens et des einste de de des es ensidos best establidade de	44,121,121,121,122	த்துகத்திட்ட Surface Casing Cement-16-246 - 9/26/2006	
19			Cemented w/ 68sxs of cmt. Circ to surface.	****
245			Tag cement @ 34', then pumped 51 sxs of	
246			Type I-II Portland to top Surface, 9 5/8in, 9,001in, 16 ffkB, 246 ffkB	
1,253			34/14CC, 3 3/3/1, 3.00/11, 10 (1/C), 240 (1/C)	NACIMIENTO, 1,253
2,303				OJO ALAMO, 2,303
2,425				KIRTLAND, 2,425
· 2,640 2,642			Casing cement, 16-2,641, 10/6/2006	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
2,858				FRUITLAND, 2,858 ——
3,520			Intermediate-Casing-Gement, 2,641-3,595,	LEWIS, 3,520
3,552			10/6/2006, Cemented with 285 sxs of 50.50	
3,553			Poz/Class G cement followed by 364 sxs	
3,594 -			Class G cement. Circ to surface. Intermediate, 7in, 6.366in, 16 ftkB, 3,595 ftkB	
3,595			Squeeze Perfs., 4,952-4,953, 8/27/2007	
3,600	Tubing, 2 3/8in, 4.70lbs/ft, L-80, -		Remedial Cement Squeeze, 3,345-4,954,	PICTURED CLIFFS, 3,600 —
4,392	16 ftKB, 7,774 ftKB		78/28/2007, squeeze vv/ 350sxs Type III Neat,	CHACRA, 4,392
4,940 4,949			lost circ after-50sxs, TOC by CBL [Perf UMF/CLFH, 4,940-5,413, 9/4/2007]	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
4,952			Squeeze Perfs., 5,205, 7/23/2007	
4,953			Cement Plug, 5,180-5,205, 7/23/2007	
4,969	Frac UMF/CLFH, 9/4/2007, frac'd	一种	Remedial Cement Squeeze, 4,960-5,205,	
5,205	w/10,500 gal slickwater/foam and approx 100,000# 20/40		7/23/2007, Squeeze w/ 300sxs Type III cmt,	
- 5,235 -	Arizona		Squeeze Perfs., 5,494, 7/6/2007	CLIFF HOUSE, 5,235
5,262			Cement Plug, 5,329-5,500, 7/6/2007, PLUG	MENEFEE, 5,262
5,413			FROM CEMENT SQZ JOB Remedial Cement Squeeze, 5,490-5,600,	. ,
5,494		图 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7.76/2007, Squeeze w/ 150sxs Type III cmt,	
5,501 5,522	Frac:PLO/LMF; 9/4/2007; frac'd — w/10,500 gal-slickwater/fo am		/ TOC by CBL	POINT LOOKOUT, 5,522 —
5,729	- and approx 100,000# 20/40		Perf PLO/LMF, 5,501-5,729, 9/4/2007	- FORM ECONODI, 5,522
6,892	Arizona			GALLUP, 6,892
7,472	и и 4 ч. ком. осм. м. ф. ф			
7,492				
7,532	-Tubing Pup Jt, 2 3/8in, 4.70lbs/ft, -			GREENHORN, 7,532
7,715	L-80, 7,774 ftKB, 7,777 ftKB Frac DK, 6/6/2007, frac'd w/			OUDEDO 7 747
7,717	30,000 gal slickwater pad and 3		Perf DK, 7,715-7,795, 6/6/2007	CUBERO, 7,717
7,774 - 7,777 -	approx 40,000# 20/40 TLC			
7,795	Tubing, 2 3/8/n, 4.70lbs/ft, L-80,			
7,804	7,777 ftKB, 7,808 ftKB Profile Nipple, 2 3/8in, 7,808 ftKB,		1	
7,807	7,809 ftKB			
7,809	Mule Shoe, 2 3/8in, 7,809 ftKB,		Perf DK, 7,804-7,868, 6/6/2007	
7,810	7,810 ftKB		Production Casing Cement, 5,600-7,930;	
7,868			10/15/2006, Cemented with 140 sxs of Lead Cement followed by 300 sxs of 50/50 POZ	,
7,900 7,909	PBTD, 7,900		Mix Class G. TOC @ 5602' by CBL	
7,909 7,909			Cement Plug, 7,900-7,930, 10/15/2006, TOC	
7,929			/ @ 7900' by CBL	
7,930			Production, 4:1/2in, 4:000in, 16 ftKB, 7,930	,
7,934	TD, 7,934, 10/15/2006		Cement plug, 7,930-7,934; 10/15/2006	
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