Form 3160-4 (August 1999)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG
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	WELL	OWIPL	ETION C	K KEU	JIVIPL	EIIO	N KEPUR	<b>(1)</b>	AND L	.06			MSF07842			
la. Type of	_	Oil Well			Dry	Ot		,	D1.	Disc I		6. If	Indian, Allo	ttee o	r Tribe Name	
b. Type of	Completion		ew Well r	□ Work (	Over	□ Dee	epen 🗆 F	'lug	Back	Diff. 1		7. U	nit or CA A	greem	ent Name and	No.
2. Name of	Operator				Conta	ict: CH	RIS GUSTA	RT	s 🔏	10 c	<i>√</i> 3,	2) -8) \	ease Name a	nd We	ell No.	<del></del>
3. Address	COPHILLIPS 5525 HWY		ANY	•		E-N	Mail: christin	- XI.	Paris 1		hillips.co		AN JUAN Pi Well No.		UNIT 108M	
	FARMING	TON, N					Pn: 632.	400.	2463 C	1 free		i-	J)	30-03	39-27536-00-	·C1
		<b>T29N R</b>	6W Mer NN	1P			•	•		Os	S. Oly.	Ê	. 1	V / B	ASIN DAKOT	
At surfa				L 36.6830	6 N Lat,	107.5	0877 W Lor	า	K.C.		3	11.	Sec., T., R., Area Sec	M., or : 31 T	Block and Su 29N R6W M	rvey er NMP
	rod interval r	eported b	elow						٧٤	[2] 21.11.	a.)	12. (	County or Pa	arish	13. State	
At total			15. Da	ate T.D. Re	ached		16. E	Date (	Complete		م <u>خم6 إ</u> إ		RIO ARRIBA		NM B, RT, GL)*	
03/26/2			04	/04/2004				) & <i>A</i> 5/11.	2004 <b>⊠</b>	ed Ready to I	Prod.			4 GL		
18. Total D	epth:	MD TVD	8092	19	). Plug E	Back T.	D.: MD	)	80	90	20. Dep	th Bri	idge Plug Se		MD TVD	
	lectric & Oth OT GR CCL	er Mecha	nical Logs R	un (Submit	copy of	each)				Was	well cored DST run? ctional Sur		⊠ No	₹ Yes	s (Submit anal s (Submit anal s (Submit anal	lysis)
23. Casing ar	nd Liner Reco	ord (Repo	ort all strings	set in well	)	*				Direct	- Tional Gui	vey:	<b>23</b> 140	Yes	5 (Submit ana)	ys13)
Hole Size	Size/G	rade	Wt. (#/ft.)	Top			Stage Cementer			of Sks. &	Slurry		Cement 7		Amount P	ulled
12.250	9.6	25 H-40	32.0	(MD)	0	(D)	-		Type C	of Cement	(BB	L)	0			
8.750	7.0	00 J-55	20.0		0	3945				63	0			0		
6.250	4.5	00 N-80	12.0		0	8090				47	470		4600			
								-								
-																
24. Tubing	Record Depth Set (M	ID) I P	acker Depth	(MD)	Size	Denth	Set (MD)	D <sub>2</sub>	cker De	pth (MD)	Size	Τn	epth Set (MI	)) T	Packer Depth	(MD)
2.375	<del> </del>	7868	acker Deptil	(MD)	SIZE	Бери	r Bet (IVID)	1.0	icker De	pui (MD)	Size	+-	cpin Bet (Wi	<del>"</del> †	таскет Вери	(IVID)
25. Produci						26.	Perforation F									
A)	ormation DAK	OTA	Top Bo 7870		Bottom 8065		Perforated Interval 7870 T			O 8065	Size 0.3	_	No. Holes	OPE	Perf. Status	-
B)				70.0		+	7070 10 0000			0.0	+	70	<u> </u>			
C)																
D) 27 Acid Fr	racture, Treat	ment Cer	ment Squeez	e Etc	-											
	Depth Interva		T Squeez	., 2.0.				An	ount and	d Type of I	Material					
	78	70 TO 80	065 FRAC'D	W/65 Q SL	ICKWAT	ER; 40	,000# 20/40 S	SUPE	R LC SA	ND; 3514	BBLS FLU	D.				
																-
				****												
	ion - Interval															
Date First Produced 05/11/2004	Test Date 05/11/2004	Hours Tested 24	Test Production	Oil BBL 0.0	Gas MCF 858	В	BL C	oil Gra		Gas Gravi	ty	Produc	tion Method	10 FD	014111	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	W		ias:Oil		Well S	Status		FLOV	/5 FR	OM WELL	
Size 1/2	Flwg. SI	Press. 131.0	Rate	BBL O	MCF 858	- 1	BL R	atio		ļ	GSI					
	tion - Interva															
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF			oil Gra		Gas Gravi	ty		tion Method		112,000 mm	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	u	/ater G	as:Oil		Well S	Statue	:	well.		un helj	m.
Size	Flwg. SI	Press.	Rate	BBL	MCF			as:O1		Weil	outus	-	МДҮ	2.	5 2 <b>004</b>	1
(See Instruct	ions and spac	ces for ad	ditional date	on reverse	e side) THE RI	MW	ELL INFOP	MAT	LION &	YSTEM		<del></del>				<del>-</del>
3	** BI	M RE	VISED **	BLM RE	VISE	D ** Ē	BLM REV	ISE	D ** B	LM RE	VISED '	** Bl	M'REVI	SED	rield Offic	•*:

Date   Total										IC .	ion - Interval	28b Produc
Coke Page Pross Care State BILL MCF BIBL Core API Convity Production - Interval D  28c. Producti		Production Method				Water			Test			
Ping							MCF	BBL	Production —	Tested	Date	Produced '
Date   Tent   Tent   Production   BBL   MCF   BBL   Corn APT   Growing   Production Method			Well Status	W							Flwg.	
Tend					<u> </u>	L	····	l	1	D	ion - Interval	28c. Produc
29. Disposition of Clas(Sold, used for fuel, vented, etc.)   31. Formation (Log) Markers		Production Method										
29. Disposition of Gas/Sold, used for fuel, vented, etc.)  VENTED  31. Formation (Log) Markers  Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation  Top  Bottom  Descriptions, Contents, etc.  Name  NACIMIENTO  OJO ALAMO  RITLAND  PRUITED  OJO ALAMO  RITLAND  NACIMIENTO  OJO ALAMO  RITLAND  PRUITED  OJO ALAMO  RITLAND  NACIMIENTO  OJO ALAMO  RITLAND  RITLAND  NACIMIENTO  OJO ALAMO  RITLAND  RITLAND  ALAMO  RITLAND  NACIMIENT			Well Status	W					Size Flwg. Press. Rate B			
30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures  Formation Top Bottom Descriptions, Contents, etc. Name  SAN JOSE NACIMIENTO 1473 2728 SB97 NACIMIENTO OJO ALAMO KIRTLAND FRUITLAND FR				L	_L	L		ed, etc.)	or fuel, vent	old, used fo	on of Gas(So	
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation  Top  Bottom  Descriptions, Contents, etc.  Name  SAN JOSE NACIMIENTO OJO ALAMO ALAMO	<del></del>	mation (Log) Markers	31. For					rs):	ude Aquife	ones (Incl	_	
SAN JOSE NACIMIENTO NA											luding depth	tests, in
ACIMENTO OJO ALAMO 1473 2728 2897 2728 2897  32. Additional remarks (include plugging procedure): This well is a downhole commingled well producing from the Blanco Mesaverde and Basin Dakota. Attached are the Daily Summaries and the wellbore schematic.  33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Direct 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:  34. Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instruct Electronic Submission #31699 Verified by the BLM Well Information System. For CONCOPHILLIPS COMPANY, sent to the Farmination.	Top Meas. Depth	Name !		ns, Conte	Description		Bottom	Тор		Formation		
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Direct 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instruct Electronic Submission #31069 Verified by the BLM Well Information System. For CONOCOPHILLIPS COMPANY, sent to the Farmington	1406 2701 2873 3345 3586 4574 5362 5452 5761 7065 7862	O ALAMO RTLAND UITLAND UITLAND CTURED CLIFFS ACRA IFF HOUSE NEFEE IINT LOOKOUT	OJO KIR FRI CH. CLI ME PO GA	e and Basin				2728 2897	1473 2728	hole com	nal remarks (i Il is a downh	NACIMIEN OJO ALAM
Electronic Submission #31069 Verified by the BLM Well Information System.  For CONOCOPHILLIPS COMPANY, sent to the Farmington	nal Survey	port 4. Directional			-	-		• '	•	ical Logs (	rical/Mechani	1. Elec
Electronic Submission #31069 Verified by the BLM Well Information System.  For CONOCOPHILLIPS COMPANY, sent to the Farmington						1-4	4:	land I C		ha Carat	noutification of	24 11
	ons):	stem.	formation Sys	BLM Well Info	by the E IPANY.	69 Verified LIPS COM	ssion #310 OCOPHIL	ronic Submi For CON	Electi		cernity that th	54. I nereb
Committed to AFMSS for processing by ADRIENNE GARCIA on 05/25/2004 (04AXG2499SE)  Name (please print) CHRIS GUSTARTIS  Title AUTHORIZED REPRESENTATIVE					ENNE G	g by ADRI	processin				lease print) <u>C</u>	Name (
Signature (Electronic Submission) Date 05/24/2004			2004	Date 05/24/20	_			ion)	c Submissi	Electronic	e (I	Signatu
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 of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.	agency	to make to any department or age	y and willfully	rson knowingly	r any per	t a crime fo	212, make	C. Section 1:	itle 43 U.S.	001 and T	.C. Section 10	Title 18 U. of the Unit

#### END OF WELL SCHEMATIC

### ConocoPhillips

Well Name: SAN JUAN 29-6 # 108M	<b>Spud:</b> 26-Mar-2004
<b>API #</b> : <u>30-039-27536</u>	Release: 4-Apr-2004
RKB TO GROUND LEVEL: 13 FT	
ALL DEPTHS ARE FROM RKB	Trash Cap
11" 3M	x 11" 3M Casing Spool
9-5/8" 8 R	D x 11" 3M Casing Head
Surface Cooling Data acti 27 May 04	Surface Cmt Date cmt'd: 27-Mar-04
Surface Casing         Date set:         27-Mar-04         X New           Size         9 5/8         in         Used	Lead : 150 sx 50/50 POZ:Standard + 2% Bentonite + 3% CaCl2
Set at 234 ft # Jnts: 5	+ 5 lb/sx Gilsonite + 0.25 lb/sx Cello-Flake
Wt. 32.3 ppf Grade H-40	+ 0.2 CFR-3, Yield = 1.34 cuft/sx
Hole Size 12 1/4 in Conn STC	201 cuft slurry mixed at 13.5 ppg
Wash Out 150 % Csg Shoe 238 ft	Displacement: 15.0 bbls Fresh Wtr
Est. T.O.C. 0 ft TD of surface 239 ft	Bump Plug: 01:30 hrs w/ 100 psi Final Circ Pressure: 45 psi @ 2 bpm
	Returns during job: Yes
Notified BLM @ hrs on	CMT Returns to surface: 15 bbls
Notified NMOCD @ hrs on	Floats Held: No floats run
	W.O.C. for 23.75 hrs (plug bump to test casing)
Intermediate Casing Date set: 31-Mar-04 X New	Int. Cement Date cmt'd: 31-Mar-04 Lead: 400 sx Standard Cement
Size 7 in Used	+ 3% Econolite + 10 lb/sx PhenoSeal
Set at 3945 ft # Jnts: 92	2.88 cuft/sx, 1152 cuft slurry at 11.5 ppg
Wt. 20 ppf Grade J-55	Tail: 230 sx 50/50 POZ:Standard Cement
Hole Size 8 3/4 in Conn STC	+ 2% Bentonite
Wash Out 150 % Csg Shoe 3945 ft	+ 6 lb/sx PhenoSeal
Est. T.O.C. SURFACE TD of intermediate 3945 ft	1.33 cuft/sx, 306.0 cuft slurry at 13.5 ppg Displacement: 156 bbls Fresh Wtr
	Bumped Plug at: 16:00 hrs w/ 1400 psi
Notified BLM @ hrs on	Final Circ Pressure: 680 psi @ 2 bpm
Notified NMOCD @ hrs on	Returns during job: Yes
	CMT Returns to surface: 45 bbls
	Floats Held: X YesNo
Production Casing Date set: 3-Apr-04	W.O.C. for 11 hrs (plug bump to test casing)
Size 4 1/2 in Used	Prod. Cmt Date cmt'd: 3-Apr-04
Wt. <u>11.6</u> ppf Grade: <u>N-80</u> from <u>13</u> to <u>8092</u>	
Hole Size 6 1/4 in Conn LTC	+ 3% Bentonite + 0.2 % CFR-3
Wash Out:50%	+ 0.1% HR-5 + 0.8% Halad-9
Est. T.O.C Marker Jt: 5197' - 5217'	+ 5 lb/sx PhenoSeal
Marker Jt: 7769' - 7789'	1.45 cuft/ sx, 681 cuft slurry at 13.1 ppg
Marker Jt:	Displacement: 121 bbls 2% KCL water
	Bumped Plug at:
Top of Float Collar 8090	
Csg Shoe <u>8092</u>	
7	CMT Returns to surface:  D 8,092 ft Floats Held: Yes
	Mud Wt. @ TD AIR ppg
COMMENTS:	
Surface: No float equipment run. Ran guide shoe and aluminum baffle puritermediate:	late 1 jt above guide shoe.
Production: The 6-1/4" hole was air drilled and was filled with air when the prod cs	g was cmtd. Therefore there were no returns during cmtng
Cmt locked up during pumping, left 9 bbls (44 sx) in 4.5" csg ~580'. V	
CENTRALIZERS: Surface: Centralizers @ 215', 190', 146', & 103'	Tatal.
Surface: Centralizers @ 215', 190', 146', & 103'	Total:4
Intermediate: Centralizers @ 3925', 3901', 3815', 3729', 3647', 3563', and 208	<del></del>
Turbolizers @ 2919', 2875', 2832', 2789', 2746' & 2703'	Total: 6
Production: No centralizers run on production casing	Total: none

### CONOCOPHILLIPS CO

### **Operations Summary Report**

Legal Well Name: SAN JUAN 29-6 UNIT 108M Common Well Name: SAN JUAN 29-6 UNIT 108M

Spud Date: 3/26/2004 Event Name: **COMPLETION** Start: 4/27/2004 End: 5/10/2004

Contractor Name: Rig Release: Group:

Rig Name: Rig Number:

Date	From -To	Hours	Code	Sub Code	Phase	Description of Operations
4/9/2004	07:00 - 12:00	5.00	MOVE	RURD	MIRU	MOVE IN KEY 940, SAFTY & JSA MEETING, RIG UP.COULD NOT GET EQUIPMENT TO LOCATION DUE TO BAD ROAD CONDITIONS & RAIN. SHUT DOWN FOR WEEKEND.
4/13/2004	07:00 - 15:30	8.50	WELLPR	Woeq	MIRU	SAFTY MEETING, WEIGHT ON TRUCKING TO DELIVER EQUIPMENT TO LOCATION.
	15:30 - 17:00	1.50	SURFEQ	OTHR	MIRU	SPOT IN EQUIPMENT.
	17:00 - 19:00	2.00	TREBOP	NUND	MIRU	NIPPLE UP BOP STACK, SECURE WELL FOR NIGHT.
4/14/2004	10:00 - 10:30	0.50	TREBOP	BOPE	MIRU	SAFTY MEETING, START RIG.
	10:30 - 11:00	0.50	TREBOP	BOPE	MIRU	RIG UP WOOD GROUP TO PRESSURE TEST BOP.
	11:00 - 15:00	4.00	TREBOP	BOPE	MIRU	PRESSURE TEST BLIND RAMS HELD, TRY TO TEST PIPE RAMS, COULD NOT GET PIPE RAMS TO HOLD . OPEN DOORS ON BOP CHECK RAMS, OK SEALING SURFACE HAD SOME SCARING, DECISION WAS MADE TO CHANGE OUT BOPS, NIPPLE DOWN BOP, REPLACEMENT BOP WOULD NOT BE READY UNTILL MORNING, SECURE WELL FOR NIGHT.
4/15/2004	07:00 - 07:30	0.50	TREBOP	RODE	COMPZN	SAFTY MEETING, START RIG.
-110/2004	07:30 - 09:30		TREBOP		COMPZN	NIPPLE UP REPLACEMENT BOP & LINES
	09:30 - 10:30		TREBOP		COMPZN	RIG UP WOOD GROUP, PRESSURE TEST BOP STACK,HELD ,RIG DOWN WOOD GROUP.
	10:30 - 12:00	1.50	SURFEQ	OTHR	COMPZN	RIG UP FLOOR & REST OF EQUIPMENT
	12:00 - 13:00		RPEQPT		COMPZN	TALLY COLLARS MAKE UP BIT & BIT SUB ON FIRST COLLAR, GO IN HOLE PICKING UP COLLARS.
	13:00 - 17:00		RPEQPT	l	COMPZN	TALLY TBG, PICK UP & RUN IN HOLE WITH 2 3/8' TBG, TAG TOP OF CEAMENT AT 7542'.
	17:00 - 18:00		DRILL	CIRC	COMPZN	RIG UP POWER SWIVEL & LINES.
	18:00 - 19:00	1.00	DRILL	CIRC	COMPZN	BRAKE CIRCULATION, MAKE SURE PIPE WAS CLEAR, CIRCULATED OUT SOFT CEAMENT, CIRCULATE HOLE CLEAN, SECURE WELL FOR NIGHT.
4/16/2004	07:00 - 07:30	0.50	DRILL	DRLG	COMPZN	SAFTY MEETING, START RIG & EQUIPMENT.
	07:30 - 18:00		DRILL	DRLG	COMPZN	DRILL CEAMENT FROM 7541' TO 8003'
	18:00 - 19:00	1.00	DRILL	DRLG	COMPZN	CIRCULATE HOLE CLEAN, SECURE WELL FOR NIGHT.
4/17/2004	07:00 - 07:30	0.50	DRILL	DRLG	COMPZN	SAFTY MEETING, START RIG.
	07:30 - 10:00	2.50	DRILL	DRLG	COMPZN	FINISH DRILLING OUT CEAMENT TO 8085', CIRCULATE HOLE CLEAN. PRESSURE TEST CASING TO 500 PSI, HELD.
	10:00 - 12:00	2.00	RPEQPT	CIRC	COMPZN	CIRCULATE HOLE WITH 2% KCL, RIG DOWN POWER SWIVEL.
	12:00 - 16:00	4.00	RPEQPT	PULD	COMPZN	POOH LAYING DOWN 2 3/8" TBG, LAY DOWN 3 1/8" COLLARS & BIT.
	16:00 - 17:00		TREBOP		COMPZN	NIPPLE DOWN BOP, NIPPLE UP WELL HEAD.
	17:00 - 19:00	1	SURFEQ		DEMOB	RIG DOWN EQUIPMENT, RIG DOWN RIG.
4/20/2004	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	Held safety meeting.
	07:30 - 15:00	7.50	EVALFM	ELOG	COMPZN	RU Schlumberger. Pressured up on 4 1/2" csg to 1500 #. Ran CBL log from 8086' to 1900'. Top of cement @ 4600'. Ran TDT log from 8086' to 2000'. Ran GR/CCL log from 8086' to surface. SWI. RD Schlumberger.
4/24/2004	07:00 - 07:30 07:30 - 11:00		EVALWB EVALWB		COMPZN	Held safety meeting. RU Isolation tool. Pressur tested 4 1/2" csg to 6700 # for 30 min. Held ok.
		5.50		,	201111 211	RD Isolation tool.
4/27/2004	-					Held safety meeting. RU Blue Jet. Perforated the Dakota. RIH w/ 3 1/8" HCP 120 degree perforating gun. Perfopated from 7870' - 7891' w/ 2 spf, 7980' - 7988' w/
						2 spf, 8048' - 8052' w/ 2 spf. 8060' - 8065' w/ 2 spf. A total of 76 holes w/ 0.34 dia.
4/28/2004	09:00 - 09:30		STIMOP		COMPZN	Held safety meeting.
	09:30 - 14:00	4	STIMOP		COMPZN	RU Isolation tool. RU Schlumberger. Frac'd the Dakota. Tested lines to

### CONOCOPHILLIPS CO

## **Operations Summary Report**

Legal Weil Name: SAN JUAN 29-6 UNIT 108M Common Well Name: SAN JUAN 29-6 UNIT 108M

Event Name:

COMPLETION

4/27/2004 Start:

Spud Date: 3/26/2004

End: Group: 5/10/2004

Contractor Name: Rig Name:

Rig Release:

Rig Number:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/28/2004	09:30 - 14:00	4.50	STIMOP	STIM	COMPZN	7018 #. Set pop off @ 6113 #. Broke down formation @ 4 BPM @ 2254 #. Pumped 1000 gals of 15% HCL acid @ 7 BPM @ 1214 #. Pumped pre pad @ 50 BPM @ 3363 #. SDRT 40 BPM @ 2575 #. SDRT 30 BPM @ 2131 #. SDRT 20 BPM @ 1731#. SDRT 10 BPM @ 1533 #. ISIP 1464 #. 5 min 1075 #. 10 min 957 #. 15 min 862 #. 20 min 776 #. 25 min 707 #. 30 min 655 #. Frac'd the Dakota w/ Slickwater @ 1.25 g/mg FR. 40,000 # 20/40 Supper LC sand. 3514 bbls fluid. Avg rate 57 BPM. Avg psi 4045. Max psi 4236. Max sand cons .40 # per gal. ISIP 1901 #. Frac gradient .62.
	14:00 - 17:00	3.00	PERFOP	PERF	COMPZN	RU Blue Jet. RIH w/ 4 1/2" composite plug. Set plug @ 6000'. Tested plug to 4800 #. Held ok. Perforated the Mesaverde. RIH w/ 3 1/8" 90 degree select fire perforating gun. Perforated from 5346' - 5350' w/ 1/2 spf, 5374' - 5384' w/ 1/2 spf, 5406' - 5414' w/ 1/2 spf, 5434' - 5442' w/ 1/2 spf, 5794' - 5808' w/ 1/2 spf, 5822' - 5830' w/ 1/2 spf, 5869' - 5873' w/ 1/2 spf, 5898' - 5902 w/ 1/2. A total of 38 holes w/ 0.34 dia. RD Blue Jet.
4/29/2004	07:00 - 07:30 07:30 - 12:00	l .	STIMOP	i .	COMPZN COMPZN	Held safety meeting. Frac the Mesaverde. Tested lines to 5047 #. Set pop off @ 4396 #. Brok down formation @ 4 BPM @ 2863 #. Pumped 1000 gals of 15 % HCL acid @ 7 BPM @ 71 #. Pumped pre pad @ 35 BPM @ 748 #. SDRT 30 BPM @ 77 #. SDRT 25 BPM @ 0 #. ISIP 0 #. Frac THE MV w/ 65 Q Slick Foam w/ 1.0 g/mg FR. 175,000 # of 20/40 Brady sand. Treated the last 15% of total proppant volume with propnet for proppant flowback control. 1898 bbls fluid. 2,356,300 SCF N2. Avg rate 50 BPM. Avg psi 2610. Max psi 2730. Max sand cons 1.5 # per gal. ISIP 1541 #. Frac gradient .44. SWI. RD Schlumberger.
5/4/2004	08:00 - 08:30 08:30 - 10:00		WELLPR MOVE	SFTY DMOB	COMPZN COMPZN	PJSM W/ CREW AND TRUCKING COMPANY. MI UNLOAD AND SPOT EQUIPMENT. REMAINDER OF DAY CHARGED TO KEY ENERGY TO MAKE REPAIRS TO UNIT.
5/5/2004	08:00 - 16:00	8.00				STAND-BY SAFETY TRAINING.
5/6/2004	07:00 - 07:30		WELLPR	SETY	COMPZN	PJSM W/ CREWS. CHECK WELL HEAD AREA FOR LELS.
0,0,2001	07:30 - 09:30		RPEQPT		COMPZN	RU KEY RIG # 15 AND EQUIPMENT.
	09:30 - 10:30		RPEQPT	1	COMPZN	SICP=340#. BWD, KILL WELL W/ 30 BBL KCL. SET HANGER W/ 2 WAY CHECK. ND FRAC VALVE, NU BOPE. RU ACCUMULATOR.
	10:30 - 11:30	1.00	RPEQPT	PRTS	COMPZN	RU WOOD GROUP TEST UNIT. TEST BLIND AND PIPE RAMS @ 250# LOW FOR 5 MIN AND 3000# HIGH FOR 15 MIN. TEST WAS GOOD. RD WOOD GROUP AND RELEASE.
	11:30 - 13:00	1.50	RPEQPT	NUND	COMPZN	NU BLEWIE LINE. PLACE ALL CONCRETE BLOCKS. RU FLOOR AND TBG. TOOLS.
	13:00 - 16:00	3.00	RPCOME	TRIP	COMPZN	KILL WELL POOH W/ HANGER. MU AND TIH TALLYING AND PICKING UP FROM FLOAT W/ 3 7/8" 3 BLADED MILL, BIT SUB W/ FLOAT. AND 188 JTS 2 3/8" TBG. TAGGED FILL @ 5931'. ALL PERFS ARE OPEN.
	16:00 - 17:00		RPCOME		1	BREAK CIRCULATION W/ AIR. UNLOAD HOLE.
	17:00 - 17:30		RPCOME		COMPZN	POOH W/ 4 JTS TBG. SECURE WELL SDFN.
5/7/2004	07:00 - 07:30		WELLPR	1	COMPZN	SICP= 350# PJSM W/ CREW.
	07:30 - 08:00		RPCOME		COMPZN	BWD, TIH W/ 4 JTS AND TAG FILL @ 5936'.
	08:00 - 12:00	4.00	RPCOMF	FCO	COMPZN	BREAK CIRCULATION W/ AIR. CLEAN OUT FILL FROM 5936' TO 6004'. CIRCULATE CLEAN. PUH W/ 10 JTS. OPEN WELL UP FLOWING TROUGH CSG ON 1/2" CHOKE AND TEST MV FORMATION AS FOLLOWS.
	12:00 - 16:00	4.00	FLOWT		COMPZN	MV PERFS 5346' - 5902'.

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### CONOCOPHILLIPS CO

## **Operations Summary Report**

Legal Well Name: SAN JUAN 29-6 UNIT 108M Common Well Name: SAN JUAN 29-6 UNIT 108M

Event Name:

**COMPLETION** 

Start:

Spud Date: 3/26/2004

4/27/2004 Rig Release:

End: Group: 5/10/2004

Contractor Name: Rig Name:

Rig Number:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/7/2004	12:00 - 16:00	4.00	FLOWT		COMPZN	2 3/8" TBG SET @ 5689'.
						SITP = N/A STRING FLOAT IN TBG.
						FCP= 200#
						MV PRODUCTION= 1320 MCFPD
						5 BWPD
						1BOPD
						NO SAND.
						TEST WITNESSED BY H. FRIAS W/ KEY ENERGY SERVICES.
	16:00 - 17:00	1.00	RPEQPT	PULD	COMPZN	PU SWIVEL OFF OF SKID. RU STIFF ARMS. PREP TO D/O CBP.
E /0/000 4	07.00 07.00	0.50		0000		SECURE WELL SDFN.
5/8/2004	07:00 - 07:30	1	WELLPR		COMPZN	PJSM W/ CREW. SICP= 350#.
	07:30 - 08:30	l l	RPCOME		COMPZN	BWD. TIH W/ 23 JTS. TAG FILL @. 5990'. RU SWIVEL.
	08:30 - 09:30	1.00	RPCOME	FCO	COMPZN	BREAK CIRCULATION W/ AIR. UNLOAD HOLE AND C/O FILL FROM
						5990' TO CBP @ 6004'. DRILL CBP. PRESSURE FROM 700# TO   1400#.
	09:30 - 11:00	1 50	RPCOME	CIBC	COMPZN	RD SWIVEL.WELL RETURNING SAND. LET CIRCULATE.
	11:00 - 12:00		RPCOME	1	COMPZN	TIH PICKING UP FROM FLOAT W/ 63 JTS 2 3/8" TBG. TAG FILL @
	11.00 - 12.00	1.00	TAP CONT	TIXIF	COMPLIA	7980'.
	12:00 - 16:00	4 00	RPCOME	FCO	COMPZN	RU SWIVEL C/O FILL FROM 7980 ' TO PBTD OF 8090 '. CIRCULATE
	12.00	1.00	111 001111	00	JOHN ZIV	CLEAN.
	16:00 - 16:30	0.50	RPCOME	TRIP	COMPZN	TOOH W/ 12 JTS 2 3/8" TBG. SECURE WELL. SDFN.
5/10/2004	07:00 - 07:30	1	WELLPR		COMPZN	PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND WAYS TO
						PREVENT INCIDENT.
	07:30 - 08:00	0.50	RPCOME	TRIP	COMPZN	SICP= 450#. BWD, TIH W/ 10 JTS TAG NO FILL.
	08:00 - 10:30	2.50	RPCOME	TRIP	COMPZN	TOOH W/ 256 JTS 2 3/8" TBG. LD MILL AND BIT SUB.
	10:30 - 14:00	3.50	RPCOME	TRIP	COMPZN	MU AND TIH DRIFTING USING 1.901' DRIFT W/ MS EXPENDABLE
						CK ,1.81" FN AND 256 JTS 2 3/8" TBG. TAGGED NO FILL.
	14:00 - 15:30	1.50	RPCOME	CIRC	COMPZN	BREAK CIRCULATION W/ AIR. UNLOAD HOLE. RETURNING NO
	ļ					SAND AND VERY LIGHT MIST.
	15:30 - 17:00	1.50	RPCOME	DHEQ	COMPZN	POOH AND LD 8 JTS TO 100' ABOVE DK PERFS. PUMP 5 BBL KCL
						DROP BALL. PRESSURE UP W/ AIR TO 1000#. HELD FOR 10 MIN TO
			ļ			TEST TBG. TEST WAS GOOD. WITNESSED BY H. FRIAS W/ KEY
						ENERGY SERVICES. PRESSURE UP TO 1430# AND PUMP OUT CK.
						CIRCULATE TILL FLUID RETURNED TO SURFACE. SECURE WELL
5/11/2004	07:00 - 07:30	0.50	WELLPR	CETY	COMPAN	SDFN.
3/11/2004	07.00 - 07.30	0.50	VVELLPR	SFIT	COMPZN	PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND WAYS TO
						PREVENT INCIDENT. SICP / SITP= 450#. BHP = 30#. BD BH PRESSURE TO 0#.
	07:30 - 08:30	1.00		]	COMPZN	TIH W/8 JTS TAG NO FILL. UNLOAD W/ AIR. POOH W/ 8 JTS. TO
	08:30 - 09:15	1	RPEQPT	SLKI	COMPZN	RU H & H SLICK LINE UNIT. RU LUBRICATOR.
	09:15 - 09:45	1	RPEQPT	1	COMPZN	PU GUAGE RING AND RIH TO 8000'. POOH. LET WELL FLOW UP
	330	]				CSG TO GET IN HOLE W/ TOOLS.
	09:45 - 10:00	0.25	RPEQPT	SLKL	COMPZN	MU AND RIH W/ PROTECHNICS LOGGING TOOLS. RIH TO 7800'.
	10:00 - 12:00	i	RPCOME	ļ	COMPZN	SI CSG. DIRECT ALL FLOW UP TBG. ( TBG. SET @ 7776' KB 246
•			1			JTS.)W/ 1/2" CHOKE @ SURFACE. LET WELL FLOW TILL
						PRESSURE STABILIZED @ 130#.
	12:00 - 14:00	2.00	EVALFM	PLT	COMPZN	LOG DK INTERVAL W/ 6 PASSES AT VARIOUS SPEEDS. 30 / 60/ 90'
						PER MIN. ALSO MADE 5 PASSES GOING INTO TBG @ 30/60/90' PER
						MIN.
	14:00 - 15:00	1.00	EVALFM	PULD	COMPZN	POOH W/ LOGGING TOOLS. LD AND CHECK DATA. DATA WAS
						RECIVED. RD SLICK LINE AND RELEASE. (PROCESSED
						PROTECHNICS PRODUCTION LOG REPORT SHOWS DAKOTA
						PRODUCTION @ 858 MCFPD W/ 5 BWPD AND 0 BOPD.)

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COMPLETION

Start:

4/27/2004

Spud Date: 3/26/2004

End: Group: 5/10/2004

Rig Release:

Rig Name:	Name:					Rig Release: Group: Rig Number:
Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/11/2004	15:00 - 16:00	1.00	RPCOMF	TRIP	COMPZN	KILL TBG W/ 5 BBL KCL. TIH DRIFTING W/ 3 JTS. LAND TBG. W/ 249 JTS @ 7870.85' KB. 1.81" F NIPPLE @ 7868' KB. ND BOP, NU MASTER VALVE.
	16:00 - 18:00	2.00	RPEQPT	RURD	COMPZN	UNLOAD WELL. LET FLOW TO ENSURE AIR OUT OF SYSTEM. RD EQUIPMENT. RD UNIT. PREP TO MO LOC) SECURE WELL SDFN. FINAL REPORT. TURN OVER TO OPERATOR AND EPNG FOR PRODUCTION.

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