Form 3160-4 (August 1999)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: November 30, 200

**BUREAU OF LAND MANAGEMENT** Expires: November 30, 2000 WELL\*COMPLETION OR RECOMPLETION REPORT AND LOG Lease Serial No. NMSF078281 Oil Well Other 6. If Indian, Allottee or Tribe Name Gas Well 1a. Type of Well ☐ Dry □ Work Over □ Deepen Plug Back New Well Diff. Resvr. b. Type of Completion 7. Unit or CA Agreement Name and No. 8. Lease Name and Well No. m SAN JUAN 29-5 UNIT 24A Contact: CHRIS GUSTARTIS 8.
E-Mail: christina gustartis@conocophillips.com 2. Name of Operator CONOCOPHILLIPS COMPANY 3a. Phone No. (include area code)
Ph: 8321486.2463 3. Address PO BOX 2197 WL3 6054 9. API Well No. HOUSTON, TX 77252 30-039-26910-00-S1 On Control Div. A. Location of Well (Report location clearly and in accordance with Federal requirements)\*

Sec 17 T29N R5W Mer NMP

At surface NESE 1821FNL 520FEL Field and Pool, or Exploratory BLANCO MESAVERDE 11. Sec., T., R., M., or Block and Survey or Area Sec 17 T29N R5W Mer NMP At top prod interval reported below County or Parish RIO ARRIBA 13. State NM At total depth Dive Completed
D & Ready to Prod.
07/29/2004 17. Elevations (DF, KB, RT, GL)<sup>3</sup> 6622 GL 14. Date Spudded 06/19/2004 15. Date T.D. Reached 06/25/2004 18. Total Depth: 20. Depth Bridge Plug Set: 6170 19. Plug Back T.D.: TVD TVD 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) No No No Was well cored? Yes (Submit analysis) CBL GR CCL TDT GR Yes (Submit analysis) Was DST run? Directional Survey? Yes (Submit analysis) 23. Casing and Liner Record (Report all strings set in well) Stage Cementer **Bottom** No. of Sks. & Slurry Vol. Wt. (#/ft.) Hole Size Size/Grade Cement Top\* Amount Pulled (MD) Type of Cement (BBL) (MD) Depth 12.250 9.625 H-40 32.0 238 170 20 8.750 7.000 J-55 20.0 0 3870 620 6.250 4.500 J-55 11.0 0 6170 260 3180 24. Tubing Record Depth Set (MD) Packer Depth (MD) Depth Set (MD) Packer Depth (MD) Size Size Depth Set (MD) Size Packer Depth (MD) 2.375 5625 25. Producing Intervals 26. Perforation Record Perf. Status Formation Top Bottom Perforated Interval Size No. Holes A) 39 OPEN MESAVERDE 5389 5858 5389 TO 5858 0.340 B) C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material 5389 TO 5858 FRAC'D W/65Q SLICKFOAM W/1 GPT FR; 2033 BBLS CLEAN FLUID; 200000# 16/30 BRADY SAND; 2,775,400 SCF N2 28. Production - Interval A Date Firs Production Method Oil Gravity Gas Tested BBL MCF BBL Corr. API Production 07/29/2004 07/27/2004 24 0.0 1320.0 5.0 FLOWS FROM WELL Choke Gas:Oil Tbg. Press. Csg 24 Hr Well Status 200 BBL MCF BBL. Size Flwg Press Rate Ratio 1/2 320.0 0 1320 5 GSI 28a. Production - Interval B ACCEPTED FOR RECORD Date First Oil Gravity Production Produced Date Tested Production BBL MCF BBL Corr. API Gravity Choke AUG 0 6 2004 Tbg. Press. Csg. Gas: Oil Well Status Ratio Size BBI. MCF BBL SI FARMINGTON FIELD OFFICE

28b. Prod	uction - Interv	al C									
Date First	Test	Hours	Test	Oil	Gas		Oil Gravity	Gas		Production Method	
Produced	Date	Tested.³	Production	BBL	MCF	BBL	Corr. API	Gravity	′		
Choke Size				Oil BBL	Gas MCF		Gas: Oil Ratio	Well St	tatus		
28c. Prod	uction - Interv	al D		<u></u>		.LL			_		
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Oil Gravity Corr. API	Gas Gravity	·	Production Method	
Choke Size			Oil BBL	Gas MCF		Gas:Oil Ratio	Well Si	tatus	<u> </u>		
29. Dispo	sition of Gas(	Sold, used j	for fuel, veni	ed, etc.)	<u> </u>		-	1			
• —	nary of Porous	Zones (Inc	lude Aquife	rs):					1 31. For	rmation (Log) Markers	
Show tests,	all important	zones of po	rosity and c	ontents there		ntervals and all flowing and sl					
	Formation		Тор	Bottom		Descriptions, Contents, etc.				Name	Top Meas. Depth
	NTO MO				e. Daily Su	mmary and S	chematic are		OJ KIF FR PIC CH ME ME	ACIMIENTO IO ALAMO RTLAND RUITLAND CTURED CLIFFS HACRA ESAVERDE ENEFEE DINT LOOKOUT	1448 2770 2931 3210 3495 4575 5385 5480 5763
1. El. 5. Su 34. I here	e enclosed atta ectrical/Mechandry Notice for the certify that e (please print)	anical Logs or plugging the forego	and cement ing and attac Elect	verification  thed inform  ronic Subm  For COM  AFMSS for	ation is com	28 Verified by LLIPS COMP	ct as determine y the BLM We ANY, sent to NE BRUMLE	od from all ell Informathe Farmi on 08/06	ation Sy ington 5/2004 (0	le records (see attached instruc	onal Survey
Signa	ture	(Electron	ic Submiss	ion)			_	3/05/2004	<del></del>		
					<u>-</u>						

#### ConocoPhillips

#### END OF WELL SCHEMATIC

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Well Name: San Juan 29-5 # 24A	Spud Date:	6/19/2004	TD Date:6/25/2004
API #: 30-039-26910	Spud Time:	21:15 hrs	Rig Release Date: 6/26/2004
	11" 3M x 7	7 1/16" 5M Tubing	g Head
	11" 3M x	11" 3M Casing S	Spool
	9-5/8" 8 R	0 x 11" 3M Casin	g Head
		11 11	
		11 11	Cement Date cmt'd: 6/20/2004
Surface Casing Date set: 6/20/2004	New		Lead : 170 sx 50/50 POZ @ 15.6 PPG
Size <u>9 5/8</u> in	Used	11 11	w/3% CaCl2, 2% Bentonite,
Set at <u>238</u> ft # Jnts: <u>5</u>		1111	0.25 #/sx Flocele, 0.2% CFR-3
Wt. <u>32.3</u> ppf Grade <u>H-40</u>			
Hole Size 12 1/4 in			Displacement vol. & fluid.: 15.0 FW
	noe <u>238</u> ft 🔏		Bumped Plug at: 04:05 hrs w/ 510 psi
Est. T.O.C. SURFACE ft TD of surf	ace <u>238</u> ft		Final Circ Pressure: 230 psi @ 2 bpm
		-	Returns during job: FULL
			CMT Returns to surface: 20 bbls
Notified BLM @ hrs on _	6/19/2004		Floats Held: X Yes No
Notified NMOCD @ hrs on _	6/19/2004		W.O.C. for 9.5 hrs (plug bump to test csg)
		11 11	
	П.,		0 D-1
Intermediate Casing Date set: 06/22/04	× New		<u>Cement</u> Date cmt'd: 6/23/2004
Size7in	Used		Lead: 390 sx Class G @ 11.5 PPG
Set at 3870 ft # Jnts: 91			w/3% Econolite, 10 lb/sx Phenoseal
Wt. 20 ppf Grade J-55 Hole Size 8 3/4 in			Tail : 230 sx 50/50 POZ @ 13.5 PPG
<del></del>	hoe 3870 ft		+ 2% Bentonite + 6 lb/sx Phenoseal Displacement vol. & fluid.: 154.5 bbls FW
Est. T.O.C. SURFACE TD of intermed		<b>-</b>     <b>-</b>	Bumped Plug at: 16:00 hrs w/ 1500 psi
Est. 1.0.C. SURFACE	18te _3070 It		Final Circ Pressure: 900 psi @ 2 bpm
			Returns during job: Yes
Notified BLM @ hrs on _	6/22/04	1 1	CMT Returns to surface: 15 bbls
Notified NMOCD @ hrs on			Floats Held: x Yes No
110 011	<u> </u>		W.O.C. for 9.5 hrs (plug bump to csg test)
		i i	
Production Casing Date set: 06/26/04	x New		
Size 4 1/2 in	Used		Cement Date cmt'd: 6/26/2004
Wt. 10.5 ppf Grade J-55 f	rom 0 to 6170	ft	Lead: 260 sx 50/50 POZ @ 13.1 ppg
	rom to	ft	w/ 3% Gel, 0.2% CFR-3,
	Ints: 145	1 1	0.8% HALAD ®-9, 0.1% HR-5,
Wash Out:50%			3.5 lb/sx Phenoseal
		1	Displacement vol. & fluid: 96.5 bbl / 2% KCl
Marker jnt @5223 ft		1 1	Bumped Plug at: 07:45 hrs w/ 850 psi
Marker jnt @ft			Final Circ Pressure: 350 psi @ 2 bpm
Marker jnt @ ft	FC <u>6168</u>	ft	Returns during job: NO (None planned)
Notified BLM @hrs			CMT Returns to surface: NO ( None planned)
on <u>6/25/2004</u>	Csg Shoe 6170	ft 🚄	Floats Held: X YesNo
Notified NMOCD @hrs			
6/25/2004	Т	D <u>6,170</u> ft	
COMMENTS:			
Surface: RAN ALUM BAFFLE PLATE @ 19	5'		
Intermediate: Hed full returns during parametics	alroylated 15 bbls seems	net to surface C'	ooto held
Intermediate: Had full returns during cement job,	circulated 15 bbis ceme	ent to surface. Fi	oats neid.
Production: Ran TOTCO wireline survey in cas	ad hale and tagged!th	wireline @ 6155	21
Production: Ran TOTCO wireline survey in cas	ed note and tagged with	. witelline (0) 0 155	,
CENTRALIZERS:			
Surface: 215', 190', 146', & 103'.			
			Total: 4
Intermediate: 9 CENTRALIZERS @ 40', 168', 2		, 3738', 382 <u>3', &amp;</u>	
Froduction: 5 TURBOLIZERS @ 2926', 2883' NONE	, 2040 , 2199 & 215/		Total:14
			Total: 0

#### CONOCOPHILLIPS CO

## **Operations Summary Report**

Legal Well Name: SAN JUAN 29-5 UNIT 024A Common Well Name: SAN JUAN 29-5 UNIT 024A

Event Name:

**COMPLETION** 

**KEY RIG # 15** 

Start:

5/24/2004

Spud Date:

End: Group: 7/26/2004

Contractor Name: Rig Name:

**KEY ENERGY SERVICES** 

Rig Release: 7/26/2004

Rig Number: 15

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	N	Ş	Mes.	3

Rig Name:		NET RIG	)# IO	• • • • • • • • • • • • • • • • • • • •		Rig Number. 15
Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/29/2004	08:00 - 08:30	0.50	RPEQPT	SFTY	COMPZN	PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT.
	08:30 - 18:00	9.50	EVALWB	ELOG	COMPZN	RU WOOD GROUP TEST UNIT, RU SCHLUMBERGER WIRELINE.
						PRESSURE UP ON CSG TO 1500#. RAN CBL/GR/CCL LOG FROM
						6142' WLM TO 2950' TOC @ 3180'. POOH. PRESSURE TEST CSG
						TO 4800#, TEST WAS GOOD, CHARTED BY WOOD GROUP, PU
						AND RIH W/ TDT/GR/CCL TOOLS. RIH AND PULL LOG FROM 6152' WLM TO 2000'. CONTINUED GR/CCL TO SURFACE. RD SERVICE
						COMPANYS AND RELEASE.
7/7/2004	08:00 - 08:30	0.50	WELLPR	SFTY	COMPZN	PJSM W/ CREWS DISCUSSED DAYS EVENTS AND WAYS TO
						PREVENT INCIDENT.
	08:30 - 10:00	1.50	PERF	PERF	COMPZN	RU BLUE JET WIRELINE UNIT AND MAST TRUCK. PU AND RIH W/ 3
			Į.			1/8" SF PP90^ W/ 12g 306T CHARGES AND PERFORATE MV AS
						FOLLOWS: 5389'-5393', 5460'-5470', 5588'-5596', 5612'-5620',
						5678'-5686', 5770'-5778', 5813'-5821', 5850'-5858', ALL SHOT ARE 1/2
						SPF FOR A TOTAL OF (39) .34" HOLES. POOH W/ WIRELINE. RD AND RELEASE.
	10:00 - 15:30	5.50	STIM	STIM	COMPZN	RU SCHLUMBERGER FRAC UNIT. PRESSURE TEST LINES TO
						5000#. SET GORE VALVE @ 4500#.B/D FORMATION @ 1297#.
						START STEP TEST @ 45.5 BPM & 1702#, SDRT TO 35.5 BPM & 775#,
			)	Ì		SDRT TO 27 BPM & 310#, ISDP= 0#. FG= .45 PSI/FT. 5 MIN= 0#.
						SPEARHEAD 1000 GAL 15% HCL AHEAD OF FRAC @ 8 BPM & 70#.
						FRACED THE MV FORMATION W/ 65Q SLICK FOAM W/ 1 GPT FR.
						PUMPED 2033 CLEAN FLUID BBL W/ 200,000# 16/30 BRADY SAND.  2,775,400 SCF N2. AV RATE= 63 BPM, AV PSI= 3050#, MAX SAND
'						CONC= 1.5 PPG. RAN PROPNET FOR PROPPANT FLOWBACK
						CONTROL IN LAST 15% OF TOTAL PROPPANT VOLUME. MAX
				į		RATE= 66 BPM, MAX PSI= #. ISIP= 2130#.
	15:30 - 00:00	8.50	FLOWT		COMPZN	OPEN WELL TO FLOW ON 14/64" ADJUSTABLE CHOKE. STARTING
7/04/0004	00.00 00.00	0.50	WELL DO	CETY	COMPAN	PRESSURE = 1400#. FLOW WELL FOR 24 HRS.
7/21/2004	09:00 - 09:30	0.50	WELLPR	SFIY	COMPZN	PJSM W/ CREW DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT.
	09:30 - 11:00	1.50	RPEQPT	RURD	COMPZN	MI KEY RIG # 15 UNLOAD AND SPOT UNIT AND EQUIPMENT. 2
						ROUST-ABOUT CREWS ARE ON LOC. TO FINISH FACILIY BUILD.
						TOO MUCH ACTIVITY ON LOCATION TO RU SAFELY. DECIDED TO
						LET CREWS FINSH AND WILL RU IN THE AM.
7/22/2004	07:00 - 07:30	0.50	WELLPR	SFTY	COMPZN	PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND WAYS TO
	07:30 - 09:30	2.00	RPEQPT	DUDD	COMPZN	PREVENT INCIDENT. SICP=380#
	09:30 - 10:30	1	RPEQPT	1	COMPZN	RU UNIT AND EQUIPMENT. KILL WELL W/ 20 BBL KCL. INSTALL HANGER W/ 2 WAY CK THRU
	05.00 - 10.00	1.00	I La	INONE	OOM 211	FRAC VALVE. ND FRAC VALVE ,NU BOPE.
	10:30 - 10:45	0.25	RPEQPT	SFTY	COMPZN	PJSM W/ ROUST-ABOUT CREW. DISCUSSED RU OF BLOOIE LINE.
	10:45 - 12:30	1.75	RPEQPT	DUND	COMPZN	NU BLOOIE LINE. RU 2" LINES. PLACE ALL CONCRETE BLOCKS.
						RELEASE ROUST-ABOUT CREW.
	12:30 - 13:00	0.50	1	DDTC	COMPZN	LUNCH
	13:00 - 14:00	1.00	TREBOP	PKIS	COMPZN	TEST BOPE, 250# LOW AND 3000# HIGH. (BLIND AND PIPE RAMS) TEST WAS GOOD. KILL W/ 10 BBL AND POOH W/ HANGER.
	14:00 - 14:30	0.50	RPEQPT	RURD	COMPZN	RU FLOOR AND TBG. TOOLS. TALLY BHA, AND FIRST ROW OF
						TBG.
	14:30 - 17:30	3.00	RPCOM	TRIP	COMPZN	MU AND TIH PICKING UP AND DRIFTING IN HOLE W/ 2 3/8" MS
						EXP. CK , 1.81" F NIPPLE AND 153 JTS 2 3/8" TBG TO 5000'.
7/00/0004	17:30 - 18:00	1	RPCOM	1	COMPZN	SECURE WELL AND SION.
7/23/2004	07:00 - 07:30	0.50	WELLPR	SFTY	COMPZN	PJSM DISCUSSED DAYS EVENTS AND WAYS TO PREVENT

### **CONOCOPHILLIPS CO**

## **Operations Summary Report**

Legal Well Name:

**SAN JUAN 29-5 UNIT 024A** 

**Event Name:** 

Common Well Name: SAN JUAN 29-5 UNIT 024A

COMPLETION

**KEY ENERGY SERVICES** 

Start: 5/24/2004 Rig Release: 7/26/2004 Spud Date:

End: 7/26/2004 Group:

Contractor Name: Rig Name: **KEY RIG # 15** 

Rig Number: 15

Rig Name:	ľ	KEY RIG	# 15			Rig Number: 15
Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/23/2004	07:00 - 07:30	0.50	WELLPR	SFTY	COMPZN	INCIDENT
	07:30 - 08:00	0.50	<b>RPCOMP</b>	OWFF	COMPZN	SICP=380# BWD.
	08:00 - 12:45	4.75	RPCOME	TRIP	COMPZN	TIH W/ 2 3/8" TBG. AND TAG FILL @ 5780'. ( PLO COVERED) C/O
		!				FILL FROM 5780' TO PBTD OF 6163"
	12:45 - 15:45	3.00	RPCOME	CIRC	COMPZN	CIRCULATE TILL CLEAN @ 6163' MOVING PIPE EVERY 15 MIN.
						POOH W/ 20 JTS TO GET ABOVE PERFS.
	15:45 - 16:15	0.50	RPEQPT	OTHR	COMPZN	SECURE WELL SION. @ 5586'
7/24/2004	06:45 - 07:00	0.25	WELLPR	SFTY	COMPZN	PJSM W/ CREW DISCUSSED DAYS EVENTS AND WAYS TO
						PREVENT INCIDENT.
	07:00 - 07:30		RPCOMF		COMPZN	SICP= 350#. BWD. TIH AND TAG W/ 20' FILL.
	07:30 - 09:30		RPCOMP		COMPZN	C/O AND BLOW AROUND TILL NOT MAKING SAND.
	09:30 - 10:00		RPCOME		COMPZN	CUT MIST AND DRY UP TBG.
	10:00 - 10:45		WELLPR		COMPZN	SD FOR LIGHTNING AND RAIN.
	10:45 - 11:30		RPCOMP		COMPZN	CONTINUE OOH TO LAND.
	11:30 - 12:00	0.50	RPEQPT	NUND	COMPZN	LAND TBG W/ EOT @ 5625' ( 172 JTS) W/ MS AND 1.81' FN ON
İ		1	i			ВОТТОМ.
	12:00 - 12:20	0.33	RPCOMP	CIRC	COMPZN	PUMP OUT CK @ 600#. FLOW TBG. TO PURGE AIR.
	12:20 - 12:30	0.17			COMPZN	RELEASE RIG CREW - MORE LIGHTNING TOO CLOSE
	12:30 - 13:00	0.50			COMPZN	SIFWE
7/27/2004	07:00 - 07:15	0.25			COMPZN	PJSM DISCUSSED DAYS EVENTS AND WAYS TO PREVENT
		1		}	ļ	INCIDENT.
	07:15 - 11:15	4.00	FLOWT	Opnw	COMPZN	OPEN TBG FLOWING TO ATMOSPHERE W/ 1/2" CHOKE @
		ļ				SURFACE AND FLOW TEST MV AS FOLLOWS:
						MV PERFS-5389'-5858'
				ļ		2 3/8" TBG W/ FN SET @ 5625'.
						TESTED ON 1/2" CHOKE. COEFICIENT OF 6.6
					1	FTP= 200#
					1	SICP= 320#
						MV PROD= 1320 MCFPD
'						0 BOPD
						5 BWPD
				ļ		NO SAND. TEST WITNESSED BY H. FRIAS W/ KEY ENERGY
						SERVICES.
						WFS HAS GAS CARRIER SYSTEM.
	11:15 - 12:00	0.75	RPEQPT	RURD	COMPZN	RD UNIT AND EQUIPMENT. LOAD OUT TRUCKS. MO LOC. TURN
						OVER TO OPERATER AND WILLIAMS GATHERING FOR
						PRODUCTION.
7/29/2004	07:00 - 07:30	0.50	RPEQPT	SFIY	COMPZN	PJSM W/ CREWS DISCUSSED DAYS EVENTS AND WAYS TO
	07.00 40.00	0.50			00110711	PREVENT INCIDENT.
	07:30 - 10:00	2.50	RPCOM	SLKL	COMPZN	RU H& H WIRELINE. RIH AND FIND EOT. POOH. RIH W/
						PROTECHNICS MEMORY LOGGING TOOLS. PULL ISOTOPE LOG IN
						MV FORMATION. POOH. RD AND RELEASE CREWS. SWI
						AWATING FIRST DELIVERY. ( NO TIE IN HAS BEEN MADE)
				1		
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