

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 20001a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Otherb. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.

Other \_\_\_\_\_

2. Name of Operator

ConocoPhillips Company

3. Address

P.O. Box 2197, WL3 6106; Houston, Tx. 77252

3.a Phone No. (Include area code)

(832)486-2329

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At Surface Sec 10 T29N R6W; 100' FSL 2300' FEL

At top prod. interval reported below

At total depth

14. Date Spudded

12/11/2003

15. Date T.D. Reached

12/23/2003

16. Date Completed

☐ B & A ☒ Ready to Prod.

03/01/2004

5. Lease Serial No.

NMSF078278

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

NMNM 78414B

8. Lease Name and Well No.

San Juan 29-6 Unit 102M

9. API Well No.

30-039-27517

10. Field and Pool, or Exploratory

Basin Dakota

11. Sec., T., R., M., on Block and

Survey or Area Sec 10 T29N R6W

12. County or Parish

Rio Arriba

13. State

NM

17. Elevations (DF, RKB, RT, GL)\*

6544 GL

18. Total Depth: MD 7959

TVD

19. Plug Back T.D.: MD 7956

TVD

20. Depth Bridge Plug Set:

MD

TVD

21. Type of Electric &amp; Other Mechanical Logs Run (Submit copy of each)

TDT; GR/CCL; CBL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run? ☒ No ☐ Yes (Submit analysis)Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 H40	32.3	0	233		150		0	
8.750	7.000 J-55	20.0	0	3712		600		0	
6.250	4.500 I-80	11.6	0	7959		470		2250	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	7818							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Dakota	7734	7904	7734 to 7904	0.340	84	Open
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7734 to 7904	Frac'd w/Slickwater @ 1.25 G/MG Fr. 50,000# 20/40 Super LC & 3114 BBLs. Fluid.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/15/04	2/27/04	24	→	0.5	726.0	5.0			Flows from Well
Choice Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1/2	110	410.0	→					Producing	

Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

NMSF078278

ACCEPTED FOR RECOMPLETION

APR 1 2004

FARMINGTON FIELD OFFICE

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 29. Disposition of Gas (Sold, used for fuel, vented, etc.)

**Sold**

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones or 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.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				Nacimiento	1285
				Ojo Alamo	2654
				Fruitland	3198
				Pictured Cliffs	3406
				Cliffhouse	5011
				Pt. Lookout	5622
				Gallup	6939
				Two Wells	7717
				Cubero	7799

## 32. Additional remarks (include plugging procedure):

This well is a downhole commingled well producing from the Blanco Mesa Verde 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. Geological Report    3. DST Report    4. Directional Survey  
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 instructions)\*

Name (please print) Christina Gustartis Title Agent for ConocoPhillips

Signature Chris Gustartis Date 03/25/2004

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Well Name: **SAN JUAN 29-6 # 102M**

API #: **30-039-27517**

Spud: **11-Dec-2003**

Release: **23-Dec-2003**

RKB TO GROUND LEVEL: **13** FT

ALL DEPTHS ARE FROM RKB

**Surface Casing** Date set: **12-Dec-03**

Size **9 5/8** in

Set at **233** ft # Jnts: **5**

Wt. **32.3** ppf Grade **H-40**

Hole Size **12 1/4** in Conn **STC**

Wash Out **150** % Csg Shoe **232** ft

Est. T.O.C. **0** ft TD of surface **233** ft

Notified BLM @ \_\_\_\_\_ hrs on \_\_\_\_\_

Notified NMOCD @ \_\_\_\_\_ hrs on \_\_\_\_\_

**Intermediate Casing** Date set: **17-Dec-03**

Size **7** in

Set at **3712** ft # Jnts: **90**

Wt. **20** ppf Grade **J-55**

Hole Size **8 3/4** in Conn **STC**

Wash Out **150** % Csg Shoe **3711** ft

Est. T.O.C. **SURFACE** TD of intermediate **3712** ft

Notified BLM @ \_\_\_\_\_ hrs on \_\_\_\_\_

Notified NMOCD @ \_\_\_\_\_ hrs on \_\_\_\_\_

**Production Casing** Date set: **22-Dec-03**

Size **4 1/2** in

Wt. **11.6** ppf Grade: **I-80** from **13** to **7959** ft

Hole Size **6 1/4** in Conn **LTC**

Wash Out: **50** % # Jnts: **189**

Est. T.O.C. \_\_\_\_\_

Marker Jt: **4997' - 5007'**

Marker Jt: **7599' - 7619'**

Marker Jt: \_\_\_\_\_

Top of Float Collar **7956** ft

Csg Shoe **7957** ft

TD **7,959** ft

Trash Cap

11" 3M x 11" 3M Casing Spool

9-5/8" 8 RD x 11" 3M Casing Head

☒ New

☐ Used

☒ New

☐ Used

☒ New

☐ Used

**Surface Cmt** Date cmt'd: **12-Dec-03**

Lead: **150** sx 50/50 POZ:Standard

+ **2% Bentonite + 3% CaCl2**

+ **5 lb/sx Gilsontite + 0.25 lb/sx Cello-Flake**

+ **0.2 CFR-3, Yield = 1.34 cuft/sx**

**201 cuft slurry mixed at 13.5 ppg**

Displacement: **15.0** bbls Fresh Wtr

Bump Plug: **20:34** hrs w/ **188** psi

Final Circ Pressure: **77** psi @ **2** bpm

Returns during job: **Yes**

CMT Returns to surface: **15** bbls

Floats Held: **No** floats run

W.O.C. for **13.25** hrs (plug bump to test casing)

**Int. Cement** Date cmt'd: **17-Dec-03**

Lead: **380** sx Standard Cement

+ **3% Econolite + 10 lb/sx PhenoSeal**

**2.88 cuft/sx, 1094.0 cuft slurry at 11.5 ppg**

Tail: **220** sx 50/50 POZ:Standard Cement

+ **2% Bentonite**

+ **6 lb/sx PhenoSeal**

**1.33 cuft/sx, 293.0 cuft slurry at 13.5 ppg**

Displacement: **148** bbls Fresh Wtr

Bumped Plug at: **01:05** hrs w/ **1500** psi

Final Circ Pressure: **900** psi @ **2** bpm

Returns during job: **Yes**

CMT Returns to surface: **100** bbls

Floats Held: ☒ Yes ☐ No

W.O.C. for **12.75** hrs (plug bump to test casing)

**Prod. Cmt** Date cmt'd: **22-Dec-03**

**470** sx 50/50 POZ:Standard Cement

+ **3% Bentonite + 0.2 % CFR-3**

+ **0.1% HR-5 + 0.8% Halad-9**

+ **5 lb/sx PhenoSeal**

**1.45 cuft/ sx, 681 cuft slurry at 13.1 ppg**

Displacement: **123** bbls 2% KCL water

Bumped Plug at: **02:00** hrs w/ **1500** psi

Final Circ Pressure: **800** psi @ **2** bpm

Returns during job: **No (None Planned)**

CMT Returns to surface: \_\_\_\_\_

Floats Held: **Yes**

Mud Wt. @ TD **AIR** ppg

**COMMENTS:**

Surface: **No float equipment run. Ran guide shoe and aluminum baffle plate 1 jt above guide shoe.**

Intermediate: \_\_\_\_\_

Production: **The 6-1/4" hole was air drilled and was filled with air when the prod csg was cmt'd. Therefore there were no returns during cmtng.**

**CENTRALIZERS:**

Surface: **Centralizers @ 203', 188', 149', & 100'** Total: **4**

Intermediate: **Centralizers @ 3701', 3668', 3585', 3503', 3420', 3337', and 202'** Total: **7**

**Turbolizers @ 2717', 2676', 2635', 2593' & 2552'** Total: **5**

Production: **No centralizers run on production casing** Total: **none**

# CONOCOPHILLIPS CO

## Operations Summary Report

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Legal Well Name: SAN JUAN 29-6 UNIT 102M  
 Common Well Name: SAN JUAN 29-6 UNIT 102M  
 Event Name: COMPLETION  
 Contractor Name: KEY FOUR CORNERS  
 Rig Name: KEY ENERGY

Spud Date: 12/11/2003  
 Start: 11/18/2003 End: 3/1/2004  
 Rig Release: 12/22/2003 Group:  
 Rig Number: 47

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/30/2003	07:00 - 07:30	0.50	CM	c	80CMPL	Held safety meeting
	07:30 - 09:30	2.00	CM	e	80CMPL	Installed csg valves and frac valve.
	09:30 - 14:00	4.50	CM	r	80CMPL	RU Schlumberger. Pressured up on 4 1/2" csg to 1500 #. Ran CBL log from 7804' to 2000'. Top of cement @ 2250'. Tagged well 152" high. Tested 4 1/2" csg to 4800 # for 30 min. Held ok. SWI. RD Schlumberger.
1/5/2004	07:30 - 12:30	5.00	WS	c	90WOVR	JSA, LOAD UP EQUIPMENT, ROAD RIG TO NEXT LOCATION. ABOUT 20 MILE MOVE. WEATHER SNOWING AN COLD.,
	12:30 - 14:35	2.08	MV	6	90WOVR	JSA, TEST LEL, NO GAS, SPOT IN RIG., SPOT IN EQUIPMENT
	14:35 - 15:45	1.17	WS	6	90WOVR	RU PULLING UNIT AN EQUIPMENT,
	15:45 - 17:30	1.75	WS	6	90WOVR	SICP 0#, RD FRAC VALVE, RU BOP, RU FLOOR, TEST BOP TO 1000#, OKAY. PU AN RIH WITH DRILL BIT FOR 4.5" CSG , BIT SUB AN 40 JOINTS OF TBG, TALLY AN PU OFF OF TRAILER, 1235'. SECURE WELL SDFN.
1/6/2004	07:30 - 08:00	0.50	WS	c	90WOVR	JSA, SICP 0#, TEMP. -3 DEGREES., START RIG.
	08:00 - 12:15	4.25	WS	4	90WOVR	REMOVE THREAD PROTECTORS, TALLY, PU, DRIFT, RIH WITH 212 MORE JOINTS OF TBG, TAG UP AT 7804'.
	12:15 - 13:30	1.25	WS	6	90WOVR	RU POWER SWIVEL, RO RIG PUMP, EST CIRCULATION.
	13:30 - 16:20	2.83	WS	h	90WOVR	START DRILLING OUT CEMENT , FROM 7804'-7832', D/O WIPER PLUG AT 7832', THAN BACK TO CEMENT. D/O TO 7941', CEMENT RETURNS STOP, GOT HARDER TO DRILL, DRILL OUT ONE MORE FOOT, RETURNS SHOW ALUNIMUN AN RUBBER, D/O TO 7942'. CIRCULATE CLEAN, PRESS TEST CSG TO 500# FOR 15 MINS, HELD OKAY. BLED OFF PRESS.
1/7/2004	16:20 - 17:30	1.17	WS	6	90WOVR	RD POWER SWIVEL, POOH, LAY DOWN 5 JOINTS OF TBG. DRAIN UP EQUIPMENT, SDFN.
	09:00 - 10:00	1.00	WS	c	90WOVR	ATTENDED MONTHLY KEY SAFETY MEETING, (0600-0800) JSA, SICP 0#, START RIG , EQUIPMENT ALL FROZE UP, -3 DEGREES THIS AM.
	10:00 - 11:00	1.00	WS	5	90WOVR	RIH WITH FIVE JOINTS OF TBG, RU RIG PUMP, DISPLACE FLUID IN CSG (112 BBLS OF 2% WITH TBG IN HOLE) RD PUMP,
	11:00 - 15:00	4.00	WS	2	90WOVR	POOH WITH 256 JOINTS OF WORK STRING, LAY DOWN IN SINGLES ON TRAILER, ( LEFT FOUR JOINT IN HOLE , TOP OFF CSG WITH 2% KCL, LAY DOWN FOUR JOINTS. ) AN BIT SUB AN BIT.
1/8/2004	15:00 - 17:00	2.00	MV	6	90WOVR	RD POWER TONG, RD FLOOR, RDBOP, RU FRAC VAVLE, RD RIG AN EQUIPMENT. RIG READY TO MOVE.
	08:00 - 08:30	0.50	CM	c	80CMPL	Held safety meeting.
	08:30 - 14:00	5.50	CM	r	80CMPL	RU Schlumberger. Ran TDT log from 7944' to 2000'. Ran GR/CCL log from 7944' to surface. SWI. RD Schlumberger.
1/13/2004	07:00 - 07:30	0.50	CM	c	80CMPL	Held safety meeting.
	07:30 - 11:00	3.50	CM	9	80CMPL	RU Isolation tool. Pressure tested 4 1/2" csg to 6700 #. Held ok.
	11:00 - 15:00	4.00	CM	q	80CMPL	RU Blue Jet. Perforated the Dakota. RIH w/ 3 1/8" 120 degree select fire perforating gun. Perforated from 7734' - 7738' w/ 2 spf, 7804' - 7816' w/ 2 spf, 7829' - 7831' w/ 1 spf, 7852' - 7858' w/ 1 spf, 7872' - 7878' w/ 2 spf, 7892' - 7904' w/ 2 spf. A total of 84 holes w/ 0.34 dia.
1/14/2004	07:00 - 07:30	0.50	CM	c	80CMPL	Held safety meeting.
	07:30 - 13:30	6.00	CM	s	80CMPL	RU Isolation tool. RU Schlumberger. Frac'd the Dakota. Tested lines to 7170 #. Set pop off @ 6057 #. Broke down formation @ 5 BPM @ 2459 #. Dropped 24 ball sealers in 1000 gals of 15% HCL acid @ 1 ball per bbl and 2 balls per bbl for the remaining 44 balls @15 BPM @ 2302 #. A total of 68 balls. Good ball action. Balled off @ 2860 #. RIH w/ junk basket retrieved 68 balls. Pumped pre pad @ 42 BPM @ 3161 #. SDRT 32

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Legal Well Name: SAN JUAN 29-6 UNIT 102M  
 Common Well Name: SAN JUAN 29-6 UNIT 102M  
 Event Name: COMPLETION  
 Contractor Name: KEY FOUR CORNERS  
 Rig Name: KEY ENERGY

Spud Date: 12/11/2003  
 Start: 11/18/2003 End: 3/1/2004  
 Rig Release: 12/22/2003 Group:  
 Rig Number: 47

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/14/2004	07:30 - 13:30	6.00	CM	s	80CMPL	BPM @ 2578 #. SDRT 22 BPM @ 2363 #. SDRT 12 BPM @ 2152 #. ISIP 1886 #. 5 min 1500 #. 10 min 1352 #. 15 min 1239 #. 20 min 1132 #. 25 min 1052 #. 30 min 968 #. Frac'd the Dakota w/ Slickwater @ 1.25 g/mg FR. 50,000 # of 20/40 Supper LC and 3114 bbls fluid. Avg rate 46 BPM. Avg psi 4560. Max psi 5404. Max sand cons .60 # per gal. ISIP 2989 #. Frac gradient .68. Tagged w/ 3 Isotopes. Tagged pad w/ Iridium. Tagged 0.5# sand w/ Antimony. Tagged 0.60 # sand w/ Scadium.
	13:30 - 16:00	2.50	CM	q	80CMPL	RU BLUE JET. RIH w/ 4 1/2" frac plug. Set plug @ 5850'. tested plug to 5000 #. Held ok. Perforated the Mesaverde. RIH w/ 3 1/8" 120 degree select fire perforating gun. Perforated from 5240' - 5244' w/ 1/2 spf, 5286' - 5292' w/ 1/2 spf, 5300' - 5308' w/ 1/2 spf, 5319' - 5325' w/ 1/2 spf, 5626' - 5636' w/ 1/2 spf, 5662' - 5668' w/ 1/2 spf, 5686' - 5692' w/ 1/2 spf, 5706' - 5716' w/ 1/2 spf, 5728' - 5738' w/ 1/2 spf, 5749' - 5750' w/ 1/2 spf. A total of 45 holes w/ 0.34 dia.
1/15/2004	07:00 - 07:30	0.50	CM	c	80CMPL	Held safety meeting.
	07:30 - 14:00	6.50	CM	s	80CMPL	Frac the Mesaverde. Tested lines to 5031 #. Set pop off @ 4560 #. Brok down formation @ 10 BPM @ 1500 #. Dropped 24 ball sealers in 1000 gals of 15 % HCL acid @ 1 ball per bbl & 2 ball per bbl for the remaining 12 balls @ 25 BPM @ 30 #. Good ball action. balled off @ 110 #. RIH w/ junk basket retrived 36 balls. RD Blue Jet. Pumped pre pad @ 35 BPM @ 126 #. 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. 1945 bbls fluid. 2,544,600 SCF N2. Avg rate 60 BPM. Avg psi 3188. Max psi 3465. Max sand cons 1.5 # per gal. ISIP 2605 #. Frac gradient .44. Tagged padw/ Antimony. Tagged 0.5 # & 1.50 # snd w/ Scadium. Tagged Propnet w/ Iridium. SWI. RD Schlumberger.
1/27/2004	13:00 - 14:00	1.00	MOVE	MOB	COMPZN	ROAD UNIT AND EQUIPMENT TO SJ 29-6 # 102M
	14:00 - 14:15	0.25	WELLPR	SFTY	COMPZN	PJSM W/ CREWS
	14:15 - 15:30	1.25	WELLPR	RURD	COMPZN	CLEAR RUTS AND BUILD RIG PAD.
1/28/2004	15:30 - 17:30	2.00	WELLPR	RURD	COMPZN	SPOT AND RU UNIT. SPOT ALL EQUIPMENT. SDFN.
	08:30 - 09:00	2.50	WELLPR	SFTY	COMPZN	CONTRACTOR SAFETY MTG.
	09:00 - 10:30	1.50	MOVE	MOB	COMPZN	ROAD TO LOCATION.
	10:30 - 10:45	0.25	WELLPR	SFTY	COMPZN	PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND ASSOCIATED HAZZARDS.
	10:45 - 11:00	0.25	WELLPR	KLWL	COMPZN	SICP=400#. KILL CSG W/ 30 BBL KCL.
	11:00 - 12:00	1.00	WELCTL	RURD	COMPZN	ND FRAC VALVE, NU BOPE. W/ PLUGGED TBG. HANGER.
	12:00 - 13:00	1.00	WELLPR	SFET	COMPZN	RU WOOD GROUP. HELD PJSM. TEST BOPE. TO 250# LOW AND 3000# HIGH ( BLIND AND PIPE RAMS). TEST WAS GOOD WITNESSED BY T. MONK W/ KEY ENERGY SERVICES.
	13:00 - 15:00	2.00	WELLPR	EQRP	COMPZN	PERFORM THICKNESS INSPECTION ON ALL PIPING. FOUND SEVERAL THAT NEED REPLACED.
	15:00 - 17:00	2.00	RIGMNT	wOEQ	COMPZN	BREAK DOWN BAD NIPPLES. REPLACE WHAT PIECES THAT WERE AVAILABLE. SECURE WELL SDFN.
1/29/2004	07:30 - 08:00	0.50	WELLPR	SFTY	COMPZN	PJ SM W/ CREWS . DISCUSSED DAYS EVENTS AND ASSOCIATED HAZZARDS.
	08:00 - 13:30	5.50	RIGMNT	OTHR	COMPZN	REBIULD BLOOIE LINES AND TEE. REPAIR WORN OR BAD NIPPLES ON PUMP AND CHICKSANS.
	13:30 - 15:00	1.50	RPEQPT	NUND	COMPZN	RU BLOOIE LINES. RU 2 " BLOW LINE. PLACE CONCRETE BLOCKS.
1/30/2004	15:00 - 17:00	2.00	WELLPR	EQRP	COMPZN	START EXTENDING RIG FLOOR LADDER. CONTINUE TO REPAIR WORN FITTINGS. SDFN.
	-		WELLPR		COMPZN	
	07:30 - 08:00	0.50	WELLPR	SFTY	COMPZN	PJSM W/ CREWS DISCUSSED DAYS EVENTS AND HAZZARDS

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 Event Name: COMPLETION  
 Contractor Name: KEY FOUR CORNERS  
 Rig Name: KEY ENERGY

Spud Date: 12/11/2003  
 Start: 11/18/2003 End: 3/1/2004  
 Rig Release: 12/22/2003 Group:  
 Rig Number: 47

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/30/2004	07:30 - 08:00	0.50	WELLPR	SFTY	COMPZN	ASSOCIATED W/ THOSE EVENTS.
	08:00 - 12:00	4.00	RIGMNT	RGRP	COMPZN	BUILD RIG FLOOR STEPS. BUILD BLOOIE LINE STAND.
	12:00 - 12:30	0.50	WELLPR		COMPZN	BREAK FOR LUNCH.
	12:30 - 17:00	4.50	RIGMNT	RGRP	COMPZN	REBUILD OR REPAIR 2" PRESSURE PIPING. BUILD PIPE RACKS ON BASKET. REPAIR FLOOR BRACKETS. SDFN.
2/2/2004	07:30 - 08:00	0.50	WELLPR	SFTY	COMPZN	PJSM W/ CREW. DISCUSSED THE DAYS EVENTS AND ASSOCIATED HAZZARDS.
	08:00 - 11:30	3.50	WELLPR	RURD	COMPZN	RD UNIT AND ASSOCIATED EQUIPMENT. PREP TO MOVE IN THE AM.
2/7/2004	12:30 - 13:00	0.50	WELLPR	SFTY	COMPZN	PJSM W/ RIG CREW AND TRUCKING CREW. DISCUSSED SPOTTING OF EQUIPMENT. DISCUSSED WAYS TO PREVENT INCIDENT.
	13:00 - 14:00	1.00	WELLPR	RURD	COMPZN	SPOT UNIT AND EQUIPMENT. PUT RIG ON MATTING BOARD AND JACKS.
2/9/2004	14:00 - 14:30	0.50	WELLPR	OTHR	COMPZN	SECURE WELL SDFWE.
	07:30 - 08:00	0.50	WELLPR	SFTY	MIRU	PJSM W/ RIG AND AIR CREW. DISCUSSED RU AND WAYS TO PREVENT INCIDENT. SICP= 400#.
	08:00 - 09:30	1.50	WELLPR	RURD	MIRU	CHECK FOR LEL, NONE PRESENT. RU UNIT AND ASSOCIATED PUMP EQUIPMENT.
	09:30 - 10:00	0.50	WELLPR	RURD	COMPZN	ND MASTER VALVE. NU BOPE. RU WOOD GROUP PRESSURE TEST UNIT.
	10:00 - 10:45	0.75	WELCTL	BOPE	COMPZN	TEST BOPE TO 250# LOW AND 3000# HIGH. ( BLIND , PIPE RAMS AND MANIFOLD). TEST WAS GOOD. WITNESSED BY T. MONK W/ KEY ENERGY SERVICES.
	10:45 - 11:15	0.50	WELLPR	RURD	COMPZN	RU BLOOIE TEE AND LINE. RU FLOOR AND TBG. TOOLS.
	11:15 - 11:45	0.50			COMPZN	BREAK FOR LUNCH
	11:45 - 14:00	2.25	RPCOMF	TRIP	COMPZN	KILL W/ 30 BBL KCL. POOH W/ HANGER. MU AND TIH W/ 3 7/8" MILL, BIT SUB, ( 3.98") AND 100 JTS 2 3/8" TBG. ( TALLYING AND PICKING UP OFF FLOAT.)
	14:00 - 15:00	1.00	RPCOMF	CIRC	COMPZN	BREAK CIRCULATION W/ WEATHERFORD AIR MIST. UNLOAD WELL. @ 3132'. UNLOADED 25 BBL.
	15:00 - 16:00	1.00	RPCOMF	TRIP	COMPZN	CONTINUE TO TIH W/ 64 JTS 2 3/8" TBG. INSTALL STRING FLOAT.
2/10/2004	16:00 - 16:45	0.75	RPCOMF	CIRC	COMPZN	BREAK CIRCULATION W/ AIR. UNLOAD AGIN @ 5129'. ( UNLOADED 30 BBL ) ( TOTAL FLUID UNLOADED = 55 BBL.)
	16:45 - 17:30	0.75	WELLPR	OTHR	COMPZN	SECURE WELL. DRAIN EQUIPMENT. SDFN.
	07:15 - 07:30	0.25	WELLPR	SFTY	COMPZN	PJSM W/ RIG AND AIR CREW. DISCUSSED RU AND WAYS TO PREVENT INCIDENT. SICP= 200#.
	07:30 - 08:00	0.50	RPCOMF	TRIP	COMPZN	BLEED CSG DOWN. TIH W/ 20 JTS AND TAG FILL @ 5723'.
	08:00 - 10:00	2.00	RPCOMF	CIRC	COMPZN	BREAK CIRCULATION W/ AIR. UNLOAD HOLE. C/O FILL FROM 5723' TO 5773'. MILL STACKS OUT @ 5773'. HAD TO PULL 13K OVER STRING WEIGHT TO PULL OFF. WORK TO GET THROUGH. NO LUCK. AFRAID OF STICKING MILL. CONTACTED ENGINEERING. DECIDED TO RUN 3 3/4" MILL TO SEE IF IT WILL TRAVEL THROUGH TIGHT SPOT.
	10:00 - 11:00	1.00	RPCOMF	TRIP	COMPZN	POOH W/ 185 JTS 2 3/8" TBG. STANDING BACK. LD 3 7/8" MILL.
	11:00 - 12:30	1.50	RPCOMF	TRIP	COMPZN	MU AND TIH W/ 3 3/4" MILL AND 185 JTS 2 3/8" TBG. TAGGED FILL @ 5718'. ( 5' FILL).
	12:30 - 14:30	2.00	RPCOMF	CIRC	COMPZN	BREAK CIRCULATION W/ AIR. UNLOAD HOLE.
	14:30 - 15:00	0.50	RPCOMF	FCO	COMPZN	C/O FILL TO TIGHT SPOT. WORKED THROUGH AND HAD TO PULL 23K OVER TO RELEASE. CONTACT ENGINEERING.
	15:00 - 16:30	1.50	RPCOMF	CIRC	COMPZN	CIRCULATE REMAINDER OF DAY. UNLOADING HEAVY FLUID. RETURNED APPROX. 100 BBL.
	16:30 - 17:00	0.50	RPCOMF	TRIP	COMPZN	POOH W/ 85 JTS 2 3/8" TBG. LEAVING KILL STRING IN WELL.

## Operations Summary Report

Legal Well Name: SAN JUAN 29-6 UNIT 102M  
 Common Well Name: SAN JUAN 29-6 UNIT 102M  
 Event Name: COMPLETION  
 Contractor Name: KEY FOUR CORNERS  
 Rig Name: KEY ENERGY

Spud Date: 12/11/2003  
 Start: 11/18/2003 End: 3/1/2004  
 Rig Release: 12/22/2003 Group:  
 Rig Number: 47

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/10/2004	17:00 - 17:30	0.50	WELLPR		COMPZN	SECURE WELL DRAIN EQUIPMENT. SDFN. WILL RUN STRING MILL IN THE AM.
2/11/2004	07:15 - 07:30	0.25	WELLPR	SFTY	COMPZN	PJSM W/ RIG AND AIR CREW. DISCUSSED TRIPPING, MILLING AND WAYS TO PREVENT INCIDENT. SICP= 200#.
	07:30 - 08:30	1.00	RPCOMP	TRIP	COMPZN	BLEED CSG.DOWN. TOOH W/ 100 JTS 2 3/8" TBG. LD MILL AND BIT SUB.
	08:30 - 09:30	1.00	RPCOMP	TRIP	COMPZN	MU AND TIH W/ JETTED BULL PLUG, 18" PUP, 3 7/8" STRING MILL, X/O SUB AND 185 JTS 2 3/8" TBG.
	09:30 - 11:00	1.50	RPCOMP	CIRC	COMPZN	BREAK CIRCULATION W/ AIR MIST. UNLOAD HOLE. SEEING ONLY PARTIAL RETURNS W/ LITTLE GAS. FLARE WILL NOT LIGHT.
	11:00 - 12:00	1.00	RPCOMP	CIRC	COMPZN	GO IN HOLE AND TAG FILL @ 5763'. ( 10' FILL ). C/O FILL SLOWLY DUE TO PARTIAL RETURNS. DONT WANT TO RISK GETTING STUCK.
	12:00 - 12:30	0.50	WELLPR	OTHR	COMPZN	BREAK FOR LUNCH WHILE CIRCULATING.
	12:30 - 16:30	4.00	FISH	MILL	COMPZN	MILL ON TIGHT SPOT IN CSG FROM 5773' TO 5776'. TORQUEING UP AND MAKING HOLE VERY SLOW.
	16:30 - 17:00	0.50	RPCOMP	TRIP	COMPZN	POOH W/ 20 JTS 2 3/8" TBG. TO GET ABOVE PERFS.
2/12/2004	17:00 - 17:30	0.50	WELLPR	OTHR	COMPZN	SECURE WELL DRAIN EQUIPMENT. SDFN.
	07:00 - 07:30	0.50	WELLPR	SFTY	COMPZN	PJSM W/ RIG AND AIR CREW. DISCUSSED TRIPPING, MILLING AND WAYS TO PREVENT INCIDENT. SICP= 200#. START RIG
	07:30 - 08:45	1.25	RPCOMP	TRIP	COMPZN	BLEED DOWN CSG. TIH W/ 21 JTS 2 3/8" TBG. TAG FILL @ 5790'. TIGHT SPOT STILL FEELING DRAG. PU SWIVEL.
	08:45 - 09:30	0.75	RPCOMP	CIRC	COMPZN	BREAK CIRCULATION W/ AIR MIST. UNLOAD WELL.
	09:30 - 10:30	1.00	FISH	MILL	COMPZN	MILL ON CSG AND DRESS TIGHT SPOT FROM 5773' TO 5776'.
	10:30 - 12:00	1.50	RPCOMP	FCO	COMPZN	CLEAN OUT FILL FROM 5790' TO PLUG @ 5850'. CIRCULATE CLEAN. PUH TO 5130'. SI PIPE RAMS AND FLOW TEST MV FORMATION UP CSG. ( STRING FLOAT IN TBG. STRING ).
	12:00 - 17:00	5.00	FLOWT	OTHR	COMPZN	SI PIPE RAMS AND FLOW TEST MV FORMATION UP CSG. ( STRING FLOAT IN TBG. STRING ). TEST IS AS FOLLOWS. MV PERFS FROM 5240' TO 5750'. 2 3/8" TBG. SET @ 5130'. SITP= N/A STRING FLOAT IN TBG. FCP= 280#. MV PRODUCTION = 1858 MCFPD. TESTED ON 1/2" CHOKE. ( COEFICIENT OF 6.6). 2 BWPD. O BOPD. NO SAND REALIZED. TEST WITNESSED BY T.MONK W/ KEY ENERGY SERVICES.
2/13/2004	17:00 - 17:30	0.50	RPCOMP	FRZP	COMPZN	DRAIN EQUIPMENT. SECURE WELL AND SDFN.
	07:15 - 07:40	0.42	WELLPR	SFTY	COMPZN	PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND HOW TO PREVENT INJURY. SICP=410#.
	07:40 - 08:30	0.83	RPCOMP	TRIP	COMPZN	BLEED CSG DOWN. TIH W/ 21 JTS 2 3/8" TBG. TAG FILL @ 5830'.
	08:30 - 09:00	0.50	RPEQPT	NUND	COMPZN	RU POWER SWIVEL.
	09:00 - 11:00	2.00	RPCOMP	CIRC	COMPZN	BREAK CIRCULATION W/ AIR. UNLOAD HOLE. RETURNING LIGHT TO MEDIUM SAND.
	11:00 - 12:00	1.00	RPCOMP	FCO	COMPZN	C/O FILL FROM 5830' TO PLUG @5850'.
	12:00 - 12:30	0.50	DRILL	DRLG	COMPZN	DRILL CBP @ 5850'. PRESSURE ONLY UP 100#. PUH AND LET EQUALIZE.
	12:30 - 13:30	1.00	DRILL	DRLG	COMPZN	FINISH DRILLING PLUG. TIH W/ 2 JTS. WELL STARTED MAKING HEAVY SAND . TOO RISKY OF GETTING STUCK TO MAKE CONNECTION.
	13:30 - 16:30	3.00	RPCOMP	CIRC	COMPZN	CIRCULATE FOR REMAINDER OF DAY. RETURNING HEAVY SAND @ FIRST AND SLOWING TO 4 CUPS PER 5 GAL BY CLOSE OF DAY.
2/16/2004	16:30 - 17:00	0.50	RPCOMP	FRZP	COMPZN	SECURE WELL, DRAIN EQUIPMENT. SDFN.
	07:15 - 07:45	0.50	WELLPR	SFTY	COMPZN	PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND HOW TO PREVENT INJURY. SICP=410#.
	07:45 - 08:30	0.75	RPCOMP	TRIP	COMPZN	BLEED CSG DOWN. TIH W/ 61 JTS 2 3/8" TBG. TAG FILL @ 7715'. (

## Operations Summary Report

Legal Well Name: SAN JUAN 29-6 UNIT 102M

Common Well Name: SAN JUAN 29-6 UNIT 102M

Event Name: COMPLETION

Contractor Name: KEY FOUR CORNERS

Rig Name: KEY ENERGY

Start: 11/18/2003

Rig Release: 12/22/2003

Rig Number: 47

Spud Date: 12/11/2003

End: 3/1/2004

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/16/2004	07:45 - 08:30	0.75	RPCOMP	TRIP	COMPZN	ALL DK PERS COVERED.)
	08:30 - 10:00	1.50	RPCOMP	CIRC	COMPZN	BREAK CIRCULATION W/ AIR MIST. UNLOAD HOLE. RETURNING HEAVY SAND.
	10:00 - 10:30	0.50	RPEQPT	NUND	COMPZN	RU POWER SWIVEL.
	10:30 - 16:00	5.50	RPCOMP	FCO	COMPZN	CLEAN OUT FILL FROM 7715' TO 7876' W/ 5 JTS TBG. RETURNING HEAVY SAND AND HARD TO MAKE CONECTIONS. SAND FALLING IN AND ALMOST GETTING STUCK EVERY CONECTION. CIRCULATING OVER 1 HR PER JT. LOW BOTTOM HOLE PRESSURES ARE NOT HELPING TO CLEAN UP SAND.
	16:00 - 17:00	1.00	RPEQPT	EQRP	COMPZN	LOST PACKING IN POWER SWIVEL. RD TO REPAIR IN THE MORNING.
2/17/2004	17:00 - 17:15	0.25	RPCOMP	TRIP	COMPZN	POOH W/ 10 JTS 2 3/8" TBG.
	17:15 - 17:30	0.25	RPCOMP	FRZP	COMPZN	SECURE WELL DRAIN EQUIPMENT. SDFN.
	07:15 - 07:45	0.50	WELLPR	SFTY	COMPZN	PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND HOW TO PREVENT INJURY. SICP=400#.
	07:45 - 08:15	0.50	RPCOMP	TRIP	COMPZN	BLEED CSG DOWN. TIH W/ 10 JTS 2 3/8" TBG. TAG FILL @ 7864'.
	08:15 - 09:45	1.50	RPCOMP	CIRC	COMPZN	RU SWIVEL. BREAK CIRCULATION W/ AIR MIST. UNLOAD HOLE.
2/18/2004	09:45 - 10:30	0.75	RPCOMP	FCO	COMPZN	CLEAN OUT FILL FROM 7864' TO 7880'. STACKED OUT AND TORQUEING UP. HAD TO PULL 20# OVER STRING WIEGHT TO PULL UP. CONTACTED ENGINEERING.
	10:30 - 11:30	1.00	FISH	MILL	COMPZN	TRY TO MILL ON TIGHT SPOT. NO LUCK. WELL RETURNING 6 CUPS SAND PER 5 GAL.
	11:30 - 15:30	4.00	RPCOMP	CIRC	COMPZN	CIRCULATE TILL SAND DOWN TO 1 CUP PER 5 GAL. SD AIR.
	15:30 - 17:00	1.50	RPCOMP		COMPZN	RD SWIVEL. POOH W/ 150 JTS 2 3/8" TBG. LEAVING KILL STRING IN WELL.
	17:00 - 17:15	0.25	WELLPR	OTHR	COMPZN	SECURE WELL. DRAIN EQUIPMENT. SDFN.
2/19/2004	07:15 - 07:40	0.42	WELLPR	SFTY	COMPZN	PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND HOW TO PREVENT INJURY. SICP=400#.
	07:40 - 08:00	0.33	RPCOMP	TRIP	COMPZN	TOOH STANDING BACK W/ 50 JTS 2 3/8" TBG.
	08:00 - 08:45	0.75	RPEQPT	KLWL	COMPZN	KILL WELL W/ 40 BBL KCL. CONTINUE TO TOOH W/ REMAINDER OF TBG. LD. 3 3/4" MILL.
	08:45 - 10:30	1.75	RPCOMP	TRIP	COMPZN	MU AND TIH W/ 3 1/8" FLAT BOTTOM PILOT MILL, 3 7/8" STRING MILL, X/O SUB AND 251 JTS 2 3/8" TBG. TAG FILL @ 7865'.
	10:30 - 11:30	1.00	RPCOMP	CIRC	COMPZN	BREAK CIRCULATION W/ AIR. UNLOAD HOLE.
2/20/2004	11:30 - 12:00	0.50	RPCOMP	FCO	COMPZN	C/O FILL FROM 7865' TO TIGHT SPOT @ 7880'.
	12:00 - 17:00	5.00	FISH	MILL	COMPZN	MILL ON TIGHT SPOT MADE 2.5' HOLE FROM 7880' TO 7882.5'. (21' PERFS STILL COVERED) CONTACTED ENGINEERING.
	17:00 - 17:30	0.50	RPCOMP	PULD	COMPZN	LD SWIVEL. POOH W/ 10 JTS.
	17:30 - 17:45	0.25	WELLPR	OTHR	COMPZN	SECURE WELL. DRAIN EQUIPMENT. SDFN.
	07:15 - 07:40	0.42	WELLPR	SFTY	COMPZN	PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND HOW TO PREVENT INJURY. SICP=400#.
2/20/2004	07:40 - 08:10	0.50	RPCOMP	TRIP	COMPZN	BLEED CSG DOWN. TIH W/ 10 JTS 2 3/8" TBG. TAG FILL @ 7875'.
	08:10 - 09:30	1.33	RPCOMP	CIRC	COMPZN	RU SWIVEL. BREAK CIRCULATION W/ AIR. UNLOAD HOLE.
	09:30 - 17:00	7.50	FISH	MILL	COMPZN	C/O FILL TO 7882'. MILL ON TIGHT SPOT IN CSG. MILL FROM 7882' TO 7886.5'. (18' PERFS STILL COVERED).
	17:00 - 17:30	0.50	RPCOMP	NUND	COMPZN	RD SWIVEL. POOH W/ 10 JTS 2 3/8" TBG.
	17:30 - 17:45	0.25	WELLPR	OTHR	COMPZN	SECURE WELL DRAIN EQUIPMENT. SDFN.
2/20/2004	07:15 - 07:40	0.42	WELLPR	SFTY	COMPZN	PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND HOW TO PREVENT INJURY. SICP=500#
	07:40 - 09:10	1.50	RPCOMP	TRIP	COMPZN	BLEED CSG. DOWN. POOH W/ 242 JTS 2 3/8" TBG.
	09:10 - 10:30	1.33	RPCOMP	TRIP	COMPZN	MU AND TIH W/ 3 JTS 2 1/6" TBG, X/O SWEDGE, STRING FLOAT, AND 100 JTS 2 3/8" TBG.
	10:30 - 12:00	1.50	RPCOMP	CIRC	COMPZN	BREAK CIRCULATION W/ AIR. UNLOAD HOLE. RETURNED APROX.

## Operations Summary Report

Legal Well Name: SAN JUAN 29-6 UNIT 102M  
 Common Well Name: SAN JUAN 29-6 UNIT 102M  
 Event Name: COMPLETION  
 Contractor Name: KEY FOUR CORNERS  
 Rig Name: KEY ENERGY

Spud Date: 12/11/2003  
 Start: 11/18/2003 End: 3/1/2004  
 Rig Release: 12/22/2003 Group:  
 Rig Number: 47

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/20/2004	10:30 - 12:00	1.50	RPCOMP	CIRC	COMPZN	30 BBL.
	12:00 - 13:00	1.00	RPCOMP	TRIP	COMPZN	CONTINUE TO TIH W/ 149 JTS 2 3/8" TBG. TAG NO FILL.
	13:00 - 13:30	0.50	RPEQPT	NUND	COMPZN	RU POWER SWIVEL. TIHAND GET TROUGH TIGHT SPOT. TAGGED FILL @ 7901'.
	13:30 - 17:30	4.00	RPCOMP	CIRC	COMPZN	TRY TO BREAK CIRCULATION W/ AIR. COULD NOT GET CIRCULATION. PUH W/ SWIVEL ON. TO GET ABOVE TIGHT SPOT. CONTINUE TO BLOW AIR AND COULD NOT GET RETURNS TO SURFACE. WELL HAS NOT BEEN MAKING MUCH FLUID, SO MUST BE CHARGING FORMATION.
2/21/2004	17:30 - 18:00	0.50	RPCOMP	TRIP	COMPZN	LD SWIVEL POOH W/ 10 JTS 2 3/8" TBG.
	18:00 - 18:15	0.25			COMPZN	SECURE WELL DRAIN EQUIPMENT. SDFN.
	07:30 - 08:00	0.50	WELLPR	SFTY	COMPZN	PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND HOW TO PREVENT INJURY. SICP=500#
	08:00 - 09:00	1.00	RPCOMP	CIRC	COMPZN	BLEED CSG DOWN. BREAK CIRCULATION W/ AIR. UNLOAD HOLE.
2/23/2004	09:00 - 09:45	0.75	RPEQPT	NUND	COMPZN	TIH W/ 20 JTS 2 3/8" TBG. RU SWIVEL.
	09:45 - 10:45	1.00	RPCOMP	CIRC	COMPZN	BREAK CIRCULATION W/ AIR. UNLOAD WELL GET ACHIVE GOOD CIRCULATION.
	10:45 - 13:00	2.25	RPCOMP	FCO	COMPZN	CLEAN OUT FILL FROM 7901' TO PBTD OF 7952'.
	13:00 - 15:00	2.00	RPCOMP	CIRC	COMPZN	CIRCULATE CLEAN TILL NO SAND REALIZED.
2/24/2004	15:00 - 15:30	0.50	RPEQPT	NUND	COMPZN	RD POWER SWIVEL.
	15:30 - 15:45	0.25	RPCOMP	TRIP	COMPZN	POOH W/ 20 JTS 2 3/8" TBG.
	15:45 - 16:00	0.25	WELLPR	OTHR	COMPZN	SECURE WELL DRAIN EQUIPMENT SDFN.
	07:15 - 07:30	0.25	WELLPR	SFTY	COMPZN	PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND HOW TO PREVENT INJURY. SICP=500#
2/25/2004	07:30 - 08:30	1.00	RPCOMP	TRIP	COMPZN	BLEED CSG DOWN. TIH W/ 20 JTS TO PBTD. TAG NO FILL.
	08:30 - 10:00	1.50	RPCOMP	TRIP	COMPZN	TOOH W/ 253 JTS 2 3/8" TBG, STRING FLOAT, X/O SWEDGE, AND LD3 JTS 2 1/6" TBG.
	10:00 - 11:15	1.25	RPCOMP	TRIP	COMPZN	START TRIPPING IN HOLE W/ PRODUCTION TBG. TBG ID IS RUSTY. WILL NOT DRIFT. CONTACTED ENGINEERING. DECIDED TO CHANGE OUT STRING.
	11:15 - 16:00	4.75	RPCOMP	TRIP	COMPZN	TIH W/ 252 JTS 2 3/8" TBG. POOH LAYIN DOWN ON FLOAT W/ SAME.
2/25/2004	16:00 - 17:00	1.00	RPEQPT	OTHR	COMPZN	SWAP OUT TBG. FLOATS.
	17:00 - 17:30	0.50	WELLPR	OTHR	COMPZN	SECURE WELL. DRAIN EQUIPMENT. SDFN.
	07:30 - 08:30	1.00	WELLPR	SFTY	COMPZN	PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND HOW TO PREVENT INJURY. SICP=500#
	08:30 - 09:00	0.50	WELLPR	OTHR	COMPZN	SWEEP SNOW FROM TBG. FLOAT.
2/25/2004	09:00 - 10:00	1.00	RPCOMP	TRIP	COMPZN	MU AND TIH W/ 2 3/8" MS EXPENDABLE CK, 1.81" F NIPPLE, AND 62 JTS 2 3/8" TBG. PICKING UP AND DRIFTING.
	10:00 - 10:30	0.50	WELLPR	SFTY	COMPZN	SD HELD SAFETY MTG. DISCUSSED HAZZARDOUS WALKING CONDITIONS THAT WERE COMPOUNDED BY FRESH SNOW. ( COULD NOT SEE GRADE CHANGES W/ 7" SNOW ON GROUND.) DECIDED TO SD OPERATIONS.
	10:30 - 11:00	0.50	RPEQPT	FRZP	COMPZN	DRAIN EQUIPMENT. SECURE WELL SDFN.
	06:00 - 09:15	3.25	WELLPR	SFTY	COMPZN	CONTRACTOR MONTHLY BREAKFAST SAFETY MTG.
2/25/2004	09:15 - 10:45	1.50	MOVE	MOB	COMPZN	CREW ROAD TO LOCATION.
	10:45 - 11:15	0.50	WELLPR	SFTY	COMPZN	PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND HOW TO PREVENT INJURY. SICP=500#
	11:15 - 11:30	0.25	WELLPR	OPNW	COMPZN	BLEED DOWN CSG.
	11:30 - 15:00	3.50	RPCOMP	TRIP	COMPZN	TIH PICKING UP AND DRIFTING W/ 180 JTS 2 3/8" PRODUCTION TBG.
	15:00 - 15:30	0.50	RPCOMP	PHOSO	COMPZN	LAND EOT @ 7818' KB. W/ 2 3/8" MULE SHOE EXPENDABLE CK., 1.81" F. NIPPLE, AND 250 JTS 2 3/8" A COND TBG. RETURNED 2

## Operations Summary Report

Legal Well Name: SAN JUAN 29-6 UNIT 102M  
 Common Well Name: SAN JUAN 29-6 UNIT 102M  
 Event Name: COMPLETION  
 Contractor Name: KEY FOUR CORNERS  
 Rig Name: KEY ENERGY

Start: 11/18/2003 Spud Date: 12/11/2003  
 Rig Release: 12/22/2003 End: 3/1/2004  
 Rig Number: 47 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/25/2004	15:00 - 15:30	0.50	RPCOMP	HOSO	COMPZN	JTS AS A CONDITION. ALSO RETURNED 255 JTS 2 3/8" TBG THAT WOULD NOT DRIFT DUE TO INTERNAL RUST.
	15:30 - 16:30	1.00	RPCOMP	CIRC	COMPZN	PUMP 5 BBL KCL PAD. DROP BALL, PRESSURE UP TO 900# W/ AIR. HELD 900# FOR 15 MIN. TO TEST TBG. WITNESSED BY T. MONK W/ KEY ENRGY SERVICES. PRESSURE UP TO 975# AND PUMP OUT CK. CIRCULATE AND UNLOAD FLUID. RD FLOOR AND TBG. TOOLS WHILE CIRCULATING.
	16:30 - 17:00	0.50	RPEQPT	NUND	COMPZN	DRAIN PUMP AND LINES. START RIGGING DOWN EQUIPMENT. WILL DHC TEST IN THE AM WHILE FINISHING RIGGING DOWN.
2/26/2004	17:00 - 17:15	0.25	WELLPR	OTHR	COMPZN	SECURE WELL SDFN.
	07:30 - 08:00	0.50	WELLPR	SFTY	COMPZN	PJSM W/ CREWS. DISCUSSED DAYS EVENTS AND HOW TO PREVENT INJURY. SICP=500#
	08:00 - 08:45	0.75	RPEQPT	NUND	COMPZN	ND BOPE.
	08:45 - 09:15	0.50	RPEQPT	NUND	COMPZN	KILL TBG. W/ 2 BBL KCL. REMOVE STRING FLOAT. NU TBG. MASTER VALVE.
	09:15 - 09:30	0.25	RPEQPT	NUND	COMPZN	NU FLOW TEST LINE W/ 1/2" CHOKE.
	09:30 - 10:30	1.00	FLOWT	OPNW	COMPZN	OPEN WELL TO FLOW UP TBG. TO EVACUATE AIR AND DHC TEST DK/MV FORMATIONS. FLOW FOR 1 HR AND STARTED LOGGING OFF.
	10:30 - 12:00	1.50	FLOWT	CIRC	COMPZN	BREAK CIRCULATION W/ AIR. UNLOAD HOLE. BLOW WELL AROUND TILL A LIGHT MIST REALIZED. SI CSG AND PRESSURE UP TO 450#. SD AIR.
	12:00 - 20:00	8.00	FLOWT	OPNW	COMPZN	OPEN UP TBG TO FLOW ON 1/2" CHOKE. 2 3/8" PROD TBG. SET @ 7818' KB. STARTING CSG PRESSURE 450#. STARTING TBG. PRESSURE 200#. RETURNING SLUGS OF FLUID. RD EQUIPMENT. MOVE EQUIPMENT OFF LOC. STILL RETURNING TOO MUCH FLUID TO ACHIVE ACCURATE TEST INFO. TURN OVER TO L&R DRY WATCHMAN @ 20:00 HRS. SICP= 400# FTP= 100#. WILL FLOW TEST OVER NIGHT TO UNLOAD AND GET ACCURATE GAS FLOW RATE. WILL TURN IN DHC INFORMATION ON NEXT REPORT. ( TOO MUDDY TO MOVE UNIT W/ PIPELINE DITCH STILL OPEN).
2/27/2004	20:00 - 07:00	11.00	FLOWT	PRDT	COMPZN	RELEASE FLOW BACK HAND. FINAL FLOW TEST IS AS FOLLOWS. DK PERFS FROM 7734' TO 7904', AND MV PERFS FROM 5240' TO 5750'. 2 3/8" TBG. SET @ 7818' KB. TESTED W/ 1/2" CHOKE. SICP=410#, FTP=110#. DHC PRODUCTION = 726 MCFPD. PACKER WAS NOT RUN DUE TO TIGHT SPOTS IN CSG. 5 BWPD, 1/2 BOPD. NO SAND. TEST WITNESSED BY T. MONK W/ KEY ENERGY SERVICES.
	07:00 - 07:15	0.25	WELLPR	SIPB	COMPZN	SECURE WELL. SDFWE. VERY MUDDY AND UNABLE TO MOVE UNIT OFF LOC.
3/1/2004	07:15 - 07:45	0.50	WELLPR	SFTY	COMPZN	PJ SM, W/ CREW. DISCUSSED RIGGING DOWN IN MUDDY CONDITIONS. ALSO DISCUSSED ROADING UNIT IN MUDDY CONDITIONS.
	07:45 - 08:45	1.00	RPEQPT	NUND	COMPZN	RD FLOW TEST LINES. LOAD IN BASKET.
	08:45 - 10:15	1.50	RPEQPT	RURD	COMPZN	RD KEY RIG # 15. TRY TO MOVE OFF LOC. RIG SANK TO AXELS. WILL WAIT FOR CAT IN THE AM. RIG RELEASED. ( NOTE TIGHT SPOTS IN CSG. FROM 5773' TO 5776'. , FROM 7740' TO 7741', AND 7856' TO 7858', WAS ABLE TO REPAIR THESE THREE W/ 3 7/8" STRING MILL. FOUND LAST TIGHT SPOT @ 7880' MILLED TO 7887'. AND WAS UNABLE TO GET TO PBTD W/ 3 7/8" MILL. ESTIMATED ID @ 7887' IS 3 3/4". THIS CONCLUSION WAS FROM WEAR MARKS ON OUT SIDE OF 3 3/4" PILOT MILL. WAS ABLE TO GET TO PBTD USING 2 1/16" TBG ON BOTTOM OF STRING.

## Operations Summary Report

Legal Well Name: SAN JUAN 29-6 UNIT 102M

Common Well Name: SAN JUAN 29-6 UNIT 102M

Event Name: COMPLETION

Contractor Name: KEY FOUR CORNERS

Rig Name: KEY ENERGY

Start: 11/18/2003

Rig Release: 12/22/2003

Rig Number: 47

Spud Date: 12/11/2003

End: 3/1/2004

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/20/2004	09:00 - 09:30	0.50	WELLPR	SFTY	COMPZN	PJSM. FTP= 325#, SICP=425#. DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INJURY.
	09:30 - 10:00	0.50	EVALFM	ELOG	COMPZN	RU UNIT AND SPINNER LOGGING TOOLS. SI TBG AND OPEN UP CSG TO LET MV GAS FLOW.
	10:00 - 13:00	3.00	EVALFM	ELOG	COMPZN	RIH W/ TOOLS. GOT THROUGH F NIPPLE. LOGGED DOWN TO 7881'. FOUND TIGHT SPOT IN CSG. DID NOT RISK TRYING TO GET THROUGH. PULLED MOVING PASSES AND STATIONARY PASSES IN THE DK PERFS THAT WERE EXPOSED TO TOOLS. WILL SEND LOGS TO DENVER TO GET READ AND SEND REPORT TO HOUSTON ENGINEERING. POOH W/ LOGGING TOOLS.
	13:00 - 13:30	0.50	RPEQPT	NUND	COMPZN	RD SCHLUMBERGER. NU PLUNGER TOP. RETURN WELL FLOWING UP TBG.