

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**

5. Lease Serial No.  
NMSF080066

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator CONOCOPHILLIPS COMPANY			8. Lease Name and Well No. SAN JUAN 30-5 UNIT 213A		
3. Address PO BOX 2197 WL3 4066 HOUSTON, TX 77252			9. API Well No. 30-039-27252-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 5 T30N R5W Mer NMP At surface SESE 980FSL 760FEL 36.83722 N Lat, 107.37360 W Lon At top prod interval reported below At total depth			10. Field and Pool, or Exploratory BASIN FRUITLAND COAL		
14. Date Spudded 01/25/2003			15. Date T.D. Reached 01/27/2003		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/11/2003			17. Elevations (DF, KB, RT, GL)* 6393 GL		
18. Total Depth: MD 3189 TVD		19. Plug Back T.D.: MD 3187 TVD		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) OTH			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)		

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 H-40	32.0	0	221		135		0	
8.750	7.000 J-55	20.0	0	3027		420		0	
6.250	5.500 J-55	16.0	3009	3188		0			

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	3135							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	3114	3188	3114 TO 3188	0.750	248	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3114 TO 3188	CAVITATED

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
03/19/2003	03/09/2003	4	→	0.0	2780.0	0.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
1/2	SI	485.0	→					PGW	

28a. 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.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

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

ELECTRONIC SUBMISSION #20186 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

**RMUCD**

**ACCEPTED FOR RECORD**

APR 01 2003

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 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.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
SAN JOSE	0	1398		NACIMIENTO	1348
NACIMIENTO	1398	2472		OJO ALAMO	2478
OJO ALAMO	2472	2680		KIRTLAND	2613
				FRUITLAND	2948
				FRUITLAND COAL	3058
				PICTURED CLIFFS	3188

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

This well is a single Basin Fruitland Coal well. 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. 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):

Electronic Submission #20186 Verified by the BLM Well Information System.  
For CONOCOPHILLIPS COMPANY, sent to the Farmington  
Committed to AFMSS for processing by Adrienne Garcia on 04/01/2003 (03AXG0941SE)

Name (please print) DEBORAH MARBERRYTitle SUBMITTING CONTACT

Signature \_\_\_\_\_ (Electronic Submission)

Date 04/01/2003

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

Well Name: SAN JUAN 30-5 213AAPI #: 30-045-31208Spud Date: 25-Jan-03Spud Time: 0100TD Date: 27-Jan-03Rig Release Date: 28-Jan-03

7 1/16" 5M x 2 1/16" Tree Adapter/Cap  
 11" 3M x 7 1/16" 5M Tubing Head  
 9-5/8" 8 RD x 11" 3M Casing Head

**Surface Casing** Date set: 25-Jan-03

Size 9 5/8 in  
 Set at 221 ft # Jnts: 5  
 Wt. 32.3 ppf Grade H-40  
 Hole Size 12 1/4 in  
 Wash Out 100 %  
 Est. T.O.C. 14 ft

Csg Shoe 221 ft  
 TD of surface 231 ft

Notified BLM @ 2230 hrs  
 on 1/23/2003  
 Notified NMOCD @ 2230 hrs  
 on 1/23/2003

**Intermediate Casing** Date set: 27-Jan-03

Size 7 in  
 Set at 3027 ft 74 jts  
 Wt. 20 ppf Grade J-55  
 Hole Size 8 3/4 in  
 Wash Out 135 %  
 Est. T.O.C. SURFACE

Csg Shoe 3027 ft  
 TD of intermediate 3030 ft

Notified BLM @ 2200 hrs on 1/26/2003  
 Notified NMOCD @ 2200 hrs on 1/26/2003

**Production Liner** Date set: 9-Mar-03

Size 5 1/2 in Connections: LTC  
 Blank Wt. 15.5 ppf  
 Grade J-55  
 # Jnts: 5  
 Hole Size 6 1/4 in

PBTD: 3187'  
 Liner Shoe: 3188'

TD 3,189 ft**Surface Cement**

Date cmt'd: 25-Jan-03  
 Lead: 135sx 50/50/Poz w/2% Gel 5#/sx  
Gilsonite, 3% CaCl<sub>2</sub>, 1/2 #/sx Flocele  
& .2% CFR-3 @ 13.5ppg & 1.32 cuft/sx  
 Displacement vol. & fluid.: 14.25 FW  
 Bumped Plug at: 1215 HRS  
 Pressure Plug bumped: 250  
 Returns during job: YES  
 CMT Returns to surface: 10 BBLS  
 Floats Held: Yes No  
 W.O.C. for 8.25 hrs (plug bump to drlg cmt)

**Intermediate Cement**

Date cmt'd: 28-Jan-03  
 Lead: 320sx Class B Cmt w/3%  
Econolite, 10 pps Gilsonite & 1/2 pps  
Flocele @ 11.4 ppg & 2.90 cu/ft/sx.  
 Tail: 100 sx 50/50/B/Poz Cmt w/2%  
Gel, 2% CaCl<sub>2</sub>, 5 pps Gilsonite & 1/4  
pps Flocele @ 13.5 ppg & 1.33 cuft/sx  
 Displacement vol. & fluid.: 118 FW  
 Bumped Plug at: 0010 HRS  
 Pressure Plug bumped: 1755  
 Returns during job: YES  
 CMT Returns to surface: 6 BBLS  
 Floats Held: X Yes No

**Liner Cement****UNCEMENTED LINER****COMMENTS:**Surface: NO FLOAT EQUIPMENT RAN. WELL SHUT-IN WITH 250 PSI.

Intermediate:

Production: Top of hanger set @ 3009'. 18' of overlap off 7" casing shoe.**CENTRALIZERS:**Surface: 211', 138', 97', 56'.

Intermediate: 3017', 2942', 2860', 2407', 186'.  
TURBOLIZERS @ 2570', 2488'.

Total: 4Total: 7

**PHILLIPS PETROLEUM CO**  
**Operations Summary Report**

Page 1 of 8

Legal Well Name: SAN JUAN 30-5 FRUITLAND CO 000213A  
Common Well Name: SAN JUAN 30-5 FRUITLAND #213A UNIT  
Event Name: Original Completion Start: 2/13/2003 Spud Date: 1/24/2003  
Contractor Name: KEY FOUR CORNERS Rig Release: End:  
Rig Name: KEY ENERGY Rig Number: 18 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/20/2003	07:00 - 07:15	0.25	MV	c	70DMOB	SAFETY MEETING W / ALL PESONNEL ON LOCATION
	07:15 - 10:00	2.75	MV	w	70DMOB	LOADING OUT EQUIPMENT ON FLOAT'S
	10:00 - 15:00	5.00	MV	t	00MMIR	MOVING RIG & EQUIPMENT TO LOCATION
	15:00 - 19:00	4.00	MV	6	00MMIR	MIRU KEY RIG # 18 & EQUIPMENT = S.D.O.N.
2/21/2003	07:00 - 07:15	0.25	MV	c	00MMIR	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:15 - 12:00	4.75	MV	6	00MMIR	RU RIG & SUPPORT EQUIPMENT = WELD ON RIG & RIG FLOOR = RU GROUND LINE'S & BLOOIE LINES
	12:00 - 14:00	2.00	CM	e	50PRDR	NU BOP'S, HCR VALVES, CHOKE MANIFOLD & LINES
	14:00 - 15:15	1.25	CM	1	50PRDR	FIRST START UP RIG INSPECTION
	15:15 - 16:00	0.75	CM	9	50PRDR	TEST 7" CSG & BLIND RAM'S TO 200# 3 MIN'S & 650# FOR 30 MIN'S FOR STATE INTEGRITY TEST = GOOD TEST
	16:00 - 18:00	2.00	CM	8	50PRDR	TEST 7" CSG, BLIND & PIPE RAM'S, HCR VALVE'S, CHOKE MANIFOLD = 200# 3 MIN'S & 1800# 10 MIN'S = GOOD TEST
	18:00 - 19:00	1.00	CM	2	50PRDR	PU DP & DC'S OUT OF PIPE BASKET & PUT ON PIPE RACK = TALLY PIPE
2/22/2003	07:00 - 07:15	0.25	CM	c	50PRDR	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:15 - 08:00	0.75	CM	2	50PRDR	PU DC'S & DP OUT OF PIPE BASKET & PUT ON PIPE RACK = TALLY PIPE
	08:00 - 09:00	1.00	CM	6	50PRDR	RU FLOOR TO PU PIPE
	09:00 - 11:30	2.50	CM	2	50PRDR	GIH PU 6 1/4' BIT, BIT SUB, 8- 3 1/2" DC'S, 1-2 7/8" DP, 1-1.87 FN & DP TAG CMT @ 2940'
	11:30 - 13:30	2.00	CM	6	50PRDR	PU & RU POWER SWIVEL & HOSE'S TO POWER PACK
	13:30 - 14:00	0.50	CM	8	50PRDR	TEST AIR MANIFOLD & LINE'S 200# 3 MIN'S & 1500# 10 MIN'S = GOOD TEST
	14:00 - 15:00	1.00	CM	5	50PRDR	BREAK CIRC W / AIR ASSIST
	15:00 - 17:30	2.50	CM	1	50PRDR	DRILL OUT 7" FLOAT COLLAR @ 2986' & 7" SHOE @ 3027' W / AIR ASSIST
	17:30 - 18:00	0.50	CM	5	50PRDR	CIRC & CORRELATE W / MUD LOGGER TO GET ON DEPTH
	18:00 - 19:00	1.00	CM	1	50PRDR	DRILLING AHEAD W / 6 1/4" BIT FROM 2986' TO 3000' W / AIR ASSIST
	19:00 - 19:15	0.25	CM	c	50PRDR	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	19:15 - 00:00	4.75	CM	1	50PRDR	DRILLING AHEAD W / 6 1/4" BIT FROM 3000' TO COAL TD @ 3189' W / AIR ASSIST
	00:00 - 01:00	1.00	CM	5	50PRDR	CIRC & CORRELATE W / MUD LOGGER = COAL INTERVAL AS FOLLOWS = 3037'-3039', 2 FT, NO GAS UNIT'S = 3047'-48', 1 FT, NO GAS UNITS = 3115'-19', 4 FT, 60 GAS UNITS = 3120'-21', 1 FT, 60 GAS UNITS = 3125'-26', 1 FT, 60 GAS UNITS = 3139'-66', 27 FT, 282 GAS UNITS = 3170'-87', 17 FT, 250 GAS UNITS = TOTAL NET COAL 53 FT
	01:00 - 06:00	5.00	CM	1	50PRDR	R&R C/O FROM 3158' TO TD @ 3189' W / 1.6 MMCFD AIR, 10 BPH MIST, 1 GAL OF FOAMER & INHIBITOR = RETURNS TO SURFACE, MED TO LIGHT COAL & FINES W / NO WATER GAIN = 4 DOWN TO 1 BUCKETS PER HOUR OFF SAMPLE CATCHER = 95% COAL & 5% SHALE
2/23/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O F/3158' TO TD @ 3189' W / 1.6 MMCFD AIR, 10 BPH MIST, 1 GAL OF FOAMER & INHIBITOR = RETURNS TO SURFACE, MED TO LIGHT COAL & FINES W / NATURAL GAS & NO WATER GAIN = 2 DOWN TO 1 BUCKETS PER HOUR OFF SAMPLE CATCHER = 95% COAL & 5% SHALE
	07:00 - 07:15	0.25	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:15 - 08:30	1.25	CM	1	80CMPL	R&R C/O F/3158' TO TD @ 3189' W / 1.6 MMCFD AIR, 10 BPH MIST, 1 GAL OF FOAMER & INHIBITOR = RETURNS TO SURFACE, LIGHT COAL & FINES W / NATURAL GAS & NO WATER GAIN = 2

**PHILLIPS PETROLEUM CO**  
**Operations Summary Report**

Page 2 of 8

Legal Well Name: SAN JUAN 30-5 FRUITLAND CO 000213A  
Common Well Name: SAN JUAN 30-5 FRUITLAND #213A UNIT  
Event Name: Original Completion Start: 2/13/2003 End: 1/24/2003  
Contractor Name: KEY FOUR CORNERS Rig Release: Group:  
Rig Name: KEY ENERGY Rig Number: 18

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/23/2003	07:15 - 08:30	1.25	CM	1	80CMPL	DOWN TO 1/2 BUCKETS PER HOUR OFF SAMPLE CATCHER = 95% COAL & 5% SHALE
	08:30 - 09:00	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG W/ BHA & RU TO TEST WELL
	09:00 - 10:00	1.00	CM	u	80CMPL	2" OPEN FLOW TEST W/ PITOT TUBE = 15 MIN'S-280 MCFD = 30 MIN'S-300 MCFD = 45 MIN'S-330 MCFD = 1 HR-330 MCFD
	10:00 - 11:00	1.00	CM	t	80CMPL	SHUT IN TEST = ISIP-15# = 15 MIN'S-80# = 30 MIN'S-150# = 45 MIN'S-200# = 1 HR-240#
	11:00 - 15:00	4.00	CM	1	80CMPL	SURGE'S # 1 - # 2 - # 3 @ 1200# AIR ASSIST W/ 10 BPH MIST, 1 GAL OF FOAMER & INHIBITOR & 5 BBL WATER-FOAMER PADS = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINES = BREAK OVER POINT @ 1100#
	15:00 - 15:30	0.50	CM	4	80CMPL	RIH FROM 7" CSG & TAG FILL @ 3175'
	15:30 - 18:30	3.00	CM	1	80CMPL	R&R C/O F/3175' TO TD @ 3189' W/ 1.6 MMCFD AIR, 10 BPH MIST, 1 GAL OF FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W/ NATURAL FORMATION GAS & NO WATER GAIN = 5 DOWN TO 1 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & 5% SHALE
	18:30 - 19:00	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG W/ BHA & RU TO SURGE WELL
	19:00 - 19:15	0.25	CM	c	80CMPL	SAFETY MEETING W/ ALL PERSONNEL ON LOCATION
	19:15 - 06:00	10.75	CM	1	80CMPL	SURGE'S # 4 - # 5 - # 6 - # 7 @ 1200# AIR ASSIST W/ 10 BPH MIST, 1 GAL OF FOAMER & INHIBITOR & 5 BBL WATER-FOAMER PAD'S = RETURNS TO SURFACE, LIGHT TO MED COAL & FINES
2/24/2003	06:00 - 07:00	1.00	CM	1	80CMPL	SURGE WELL W/ AIR ASSIST
	07:00 - 07:15	0.25	CM	c	80CMPL	SAFETY MEETING W/ ALL PERSONNEL ON LOCATION
	07:15 - 07:45	0.50	CM	4	80CMPL	RIH FROM 7" CSG & TAG FILL @ 3120'
	07:45 - 18:30	10.75	CM	1	80CMPL	R&R C/O F/3120' TO TD @ 3189' W/ 1.6 MMCFD AIR, 10 BPH MIST, 1 GAL OF FOAMER & INHIBITOR = RETURNS TO SURFACE, HEAVY TO LIGHT COAL & FINES W/ NATURAL FORMATION GAS & NO WATER GAIN = 10 DOWN TO 1 BUCKETS PER HOUR OFF SAMPLE CATCHER = 95% COAL & 5% SHALE
	18:30 - 19:00	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG W/ BHA & RU TO SURGE WELL
	19:00 - 19:15	0.25	CM	c	80CMPL	SAFETY MEETING W/ ALL PERSONNEL ON LOCATION
2/25/2003	19:15 - 06:00	10.75	CM	1	80CMPL	SURGE'S # 8 - # 9 - # 10 - # 11 @ 1200# AIR ASSIST W/ 10 BPH MIST, 1 GAL OF FOAMER & INHIBITOR & 5 BBL WATER-FOAMER PADS = RETURNS TO SURFACE, LIGHT TO MED COAL & FINES
	06:00 - 07:00	1.00	CM	1	80CMPL	FINISHED # 11 SURGE = RETURN'S TO SURFACE, LIGHT COAL & FINE'S
	07:00 - 07:15	0.25	CM	c	80CMPL	SAFETY MEETING W/ ALL PERSONNEL ON LOCATION
	07:15 - 07:45	0.50	CM	4	80CMPL	RIH FROM 7" CSG & TAG FILL @ 3120'
	07:45 - 13:45	6.00	CM	1	80CMPL	R&R C/O F/3120' TO TD @ 3189' W/ 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S OF FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W/ NATURAL FORMATION GAS & 1 BPH WATER GAIN = 6 DOWN TO 1 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & 5% SHALE
	13:45 - 14:15	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG W/ BHA & RU TO SURGE WELL W/ AIR ASSIST
	14:15 - 19:00	4.75	CM	1	80CMPL	SURGE'S # 12 - # 13 - # 14 @ 1200# AIR ASSIST W/ 12 BPH MIST, 2 GAL'S OF FOAMER & INHIBITOR = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S
	19:00 - 19:15	0.25	CM	c	80CMPL	SAFETY MEETING W/ ALL PERSONNEL ON LOCATION
	19:15 - 19:30	0.25	CM	4	80CMPL	RIH FROM 7" CSG TAG FILL @ 3045'
	19:30 - 22:30	3.00	CM	z	80CMPL	WORKING TO UNPLUG BIT OR DRILL STRING = NO GOOD UNABLE TO UNPLUG DRILL STRING

**PHILLIPS PETROLEUM CO**  
**Operations Summary Report**

Page 3 of 8

Legal Well Name: SAN JUAN 30-5 FRUITLAND CO 000213A  
Common Well Name: SAN JUAN 30-5 FRUITLAND #213A UNIT  
Event Name: Original Completion Start: 2/13/2003 Spud Date: 1/24/2003  
Contractor Name: KEY FOUR CORNERS Rig Release: End:  
Rig Name: KEY ENERGY Rig Number: 18 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/25/2003	22:30 - 23:30	1.00	CM	6	80CMPL	HANG BACK POWER SWIVEL & INSTALL TIW VALVE IN DRILL PIPE
	23:30 - 06:00	6.50	CM	z	80CMPL	STANDBY WAITING FOR DAYLIGHT CREW = ONLY HAVE 3 MAN CREW ON NIGHT SHIFT NOT ABLE TO TRIP OUT OF HOLE
2/26/2003	06:00 - 06:15	0.25	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	06:15 - 07:45	1.50	CM	4	80CMPL	COOH W / DP, DC'S & BHA
	07:45 - 08:15	0.50	CM	z	80CMPL	C/O PLUGED BIT SUB & BIT
	08:15 - 09:30	1.25	CM	4	80CMPL	RIH W / BHA, DC'S & DP TO 7" SHOE @ 3027'
	09:30 - 10:00	0.50	CM	6	80CMPL	PU POWER SWIVEL & BREAK CIRC W / AIR ASSIST
	10:00 - 19:00	9.00	CM	1	80CMPL	R&R C/O F/3035' TO TD @ 3189' W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S OF FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY TO LIGHT COAL & FINE'S W / NATURAL FORMATION GAS & 1 BPH WATER GAIN = 12 DOWN TO 1 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & 5% SHALE
	19:00 - 19:15	0.25	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	19:15 - 19:45	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG W / BHA & RU TO SURGE WELL
	19:45 - 00:30	4.75	CM	1	80CMPL	SURGE'S # 15 - # 16 - # 17 @ 1200# AIR ASSIST W / 12 BPH MIST, 2 GAL'S OF FOAMER & INHIBITOR W / 5 TO 6 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S RIH FROM 7" CSG & TAG FILL @ 3050'
	00:30 - 01:00	0.50	CM	4	80CMPL	R&R C/O F/3150' TO TD @ 3189' W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S OF FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY TO MED COAL & FINE'S W / NATURAL FORMATION GAS & 1 BPH WATER GAIN = 10 DOWN TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & 5% SHALE
2/27/2003	06:00 - 06:15	0.25	CM	c	80CMPL	HOLD SAFETY MEETING W / ALL PERSONNEL
	06:15 - 09:30	3.25	CM	1	80CMPL	R&R, C/O F/3150' - T/3189' (TD) W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR RETURNS TO SURFACE MED COALS 7 FINE'S, NATURAL GAS & 1 BPH WATER 95% COAL & 5% SHALE
	09:30 - 10:30	1.00	CM	z	80CMPL	CIRCULATE W / 1.6 MMCFD AIR TO DRY UP WELL FOR FLOW TEST
	10:30 - 11:00	0.50	CM	4	80CMPL	POOH TO 7" SHOE W / BHA & RIG UP TO TEST WELL
	11:00 - 12:00	1.00	CM	u	80CMPL	2" OPEN FLOW TEST W / PITOT TUBE - 15 MIN = 250 MCFD - 30 MIN = 300 MCFD - 45 MIN = 330 MCFD - 1 HR = 330 MCFD
	12:00 - 13:00	1.00	CM	f	80CMPL	SHUT IN TEST - ISIP = 10 PSI - 15 MIN = 80 PSI - 30 MIN = 140 PSI - 45 MIN = 210 PSI - 1 HR = 240 PSI
	13:00 - 18:30	5.50	CM	1	80CMPL	SURGE'S #18 - #19 - #20 @ 1200 PSI AIR ASSIST W / 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR W / 5 BBLs WATER - FOAMER PAD'S = RETURNS TO SURFACE, LIGHT TO MED COAL & FINES
	18:30 - 19:00	0.50	CM	4	80CMPL	RIH FROM 7" SHOE, TAG FILL AT 3155'
	19:00 - 19:15	0.25	CM	c	80CMPL	HOLD SAFETY MEETING W / ALL PERSONNEL
	19:15 - 06:00	10.75	CM	1	80CMPL	R&R, C/O F/3155' - T/3189' (TD) W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR RETURNS TO SURFACE = HEAVY TO MED COAL & FINES, NATRAL GAS & 1 BPH GAIN 2 BUCKETS PER HOUR OFF OF SAMPLE CATCHER 95% COAL, 5% SHALE
2/28/2003	06:00 - 06:15	0.25	CM	c	80CMPL	HOLD SAFETY MEETING W / ALL PERSONNEL
	06:15 - 12:00	5.75	CM	1	80CMPL	R&R, C/O F/3155' - T/3189' (TD) W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR RETURNS TO SURFACE = HEAVY TO MED COAL & FINES W / NATURAL GAS

**PHILLIPS PETROLEUM CO**  
**Operations Summary Report**

Page 4 of 8

Legal Well Name: SAN JUAN 30-5 FRUITLAND CO 000213A  
Common Well Name: SAN JUAN 30-5 FRUITLAND #213A UNIT  
Event Name: Original Completion  
Contractor Name: KEY FOUR CORNERS  
Rig Name: KEY ENERGY  
Start: 2/13/2003  
Rig Release:  
Rig Number: 18  
Spud Date: 1/24/2003  
End:  
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/28/2003	06:15 - 12:00	5.75	CM	1	80CMPL	2 BUCKETS PER HOUR OFF SAMPLE CATCHER 95% COAL, 5% SHALE RUNNING COAL'S
	12:00 - 18:30	6.50	CM	1	80CMPL	R&R, C/O F/3155' - T/3189' (TD) W / 1.6 MMCFD AIR, 12 BPH MIST, 3 GAL'S FOAMER & INHIBITOR INCREASED FOAMER TO HELP CLEAN UP RUNNING COALS RETURNS TO SURFACE = HEAVY TO MED COAL & FINES W / NATURAL GAS 2 BUCKETS PER HR OFF SAMPLE CATCHER 90% COAL, 10% SHALE
	18:30 - 19:00	0.50	CM	4	80CMPL	POOH TO 7" SHOE W / BHA, PREPARE TO SURGE WELL
	19:00 - 19:15	0.25	CM	c	80CMPL	HOLD SAFETY MEETING W / ALL PERSONNEL
	19:15 - 00:00	4.75	CM	1	80CMPL	SURGE #21 - #22 @ 1200 PSI AIR ASSIST W / 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR W / 5 TO 6 BBLS WATER-FOAMER PADS, RETURNS TO SURFACE = HEAVY COAL & FINES
	00:00 - 00:30	0.50	CM	4	80CMPL	RIH FROM 7" SHOE, TAG FILL @ 3120'
	00:30 - 06:00	5.50	CM	1	80CMPL	R&R, C/O F/3120' - T/3128' W / 1.6 MMCFD AIR, 12 BPH MIST, 3 GAL'S FOAMER & INHIBITOR RETURNS TO SURFACE = HEAVY COAL & FINES W / NATURAL FORMATION GAS 1 BPH WATER GAIN 3 BUCKETS PER HOUR OFF SAMPLE CATCHER 95% COAL, 5% SHALE
	06:00 - 06:15	0.25	CM	c	80CMPL	HOLD SAFETY MEETING W / ALL PERSONNEL
	06:15 - 19:00	12.75	CM	1	80CMPL	R&R, C/O F/3128' - T/3189' (TD) W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR RETURNS TO SURFACE = HEAVY COAL FINES W / NATURAL FORMATION GAS 3 BUCKETS PER HOUR OFF SAMPLE CATCHER 90-95% COAL, 5-10% SHALE
	19:00 - 19:15	0.25	CM	c	80CMPL	HOLD SAFETY MEETING W / ALL PERSONNEL
3/1/2003	19:15 - 06:00	10.75	CM	1	80CMPL	R&R, C/O F/3150' - T/3189' (TD) W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR RETURNS TO SURFACE = HEAVY COAL FINES W / NATURAL FORMATION GAS 3 BUCKETS PER HOUR OFF SAMPLE CATCHER 90-95% COAL, 5-10% SHALE
	06:00 - 06:15	0.25	CM	c	80CMPL	HOLD SAFETY MEETING W / ALL PERSONNEL
	06:15 - 14:30	8.25	CM	1	80CMPL	R&R, C/O F/3120' - T/3189' (TD) W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR RETURNS TO SURFACE = HEAVY TO MED COAL & FINES W / NATURAL FORMATION GAS NO WATER GAIN, 8 DOWN TO 2 BUCKETS PER HOUR OFF SAMPLE CATCHER 90-95% COAL, 5-10% SHALE
	14:30 - 15:00	0.50	CM	z	80CMPL	CIRCULATE W / 1.6 MMCFD AIR TO DRY UP HOLE FOR FLOW TEST
3/2/2003	15:00 - 15:30	0.50	CM	4	80CMPL	POOH TO 7" SHOE W / BHA & RIG UP TO TEST WELL
	15:30 - 16:30	1.00	CM	u	80CMPL	2" OPEN FLOW TEST W / PITOT TUBE - 15 MIN = 1065 MCFD, 30 MIN = 1236 MCFD, 45 MIN = 1236 MCFD, 1 HR = 1236 MCFD
	16:30 - 17:30	1.00	CM	f	80CMPL	SHUT IN TEST, ISIP = 40 PSI, 15 MIN = 180 PSI, 30 MIN = 290 PSI, 45 MIN = 360 PSI, 1 HR = 410 PSI
	17:30 - 23:30	6.00	CM	1	80CMPL	SURGE #23 - #24 - #25 @ 1000 PSI AIR ASSIST W / 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR, W / 5 BBLS WATER - FOAMER PADS,

**PHILLIPS PETROLEUM CO**  
**Operations Summary Report**

Page 5 of 8

Legal Well Name: SAN JUAN 30-5 FRUITLAND CO 000213A  
Common Well Name: SAN JUAN 30-5 FRUITLAND #213A UNIT  
Event Name: Original Completion  
Contractor Name: KEY FOUR CORNERS  
Rig Name: KEY ENERGY  
Start: 2/13/2003  
Rig Release: 2/13/2003  
Spud Date: 1/24/2003  
End:  
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/2/2003	17:30 - 23:30	6.00	CM	1	80CMPL	RETURNS TO SURFACE = HEAVY TO MED COAL AND FINES (HOLD SAFETY MEETING W / ALL PERSONNEL F/19:00 - T/19:15)
	23:30 - 00:00	0.50	CM	4	80CMPL	RIH FROM 7" SHOE, TAG FILL AT 3130'
	00:00 - 06:00	6.00	CM	1	80CMPL	R&R, C/O F/3130' - T/3157' W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR RETURNS TO SURFACE = HEAVY COAL & FINES W / NATURAL FORMATION GAS 6 BUCKETS PER HOUR OFF SAMPLE CATCHER 90-95% COAL, 5-10% SHALE
3/3/2003	06:00 - 06:15	0.25	CM	c	80CMPL	HOLD SAFETY MEETING W / ALL PERSONNEL
	06:15 - 18:30	12.25	CM	1	80CMPL	R&R, C/O F/5150' - T/3189' (TD) W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR RETURNS TO SURFACE = HEAVY TO MED COAL & FINES W / NATURAL FORMATION GAS F/6 DOWN T/2 BUCKETS PER HOUR OFF SAMPLE CATCHER 90-95% COAL, 5-10% SHALE
	18:30 - 19:00	0.50	CM	4	80CMPL	POOH TO 7" SHOE W/BHA, PREPARE TO SURGE
	19:00 - 19:15	0.25	CM	c	80CMPL	HOLD SAFETY MEETING W / ALL PERSONNEL
	19:15 - 00:00	4.75	CM	1	80CMPL	SURGE #26 - #27 @ 1100 PSI AIR ASSIST W / 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR W / 5 BBL WATER - FOAMER PADS RETURNS TO SURFACE = HEAVY TO MED COAL & FINES
	00:00 - 00:30	0.50	CM	4	80CMPL	RIH FROM 7" SHOE, TAG FILL @ 3135'
	00:30 - 06:00	5.50	CM	1	80CMPL	R&R, C/O F/3135' - T/3157' W / AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR RETURNS TO SURFACE = HEAVY COAL & FINES W / NATURAL FORMATION GAS 6 BUCKETS PER HOUR OFF SAMPLE CATCHER 90-95% COAL, 5-10% SHALE
3/4/2003	06:00 - 06:15	0.25	CM	c	80CMPL	HOLD SAFETY MEETING W / ALL PERSONNEL
	06:15 - 19:00	12.75	CM	1	80CMPL	R&R, C/O F/3128' - T/3157' W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR RETURNS TO SURFACE = HEAVY COAL & FINES W / NATURAL FORMATION GAS 4 BUCKETS PER HOUR OFF SAMPLE CATCHER 90% COAL, 10% SHALE
	19:00 - 19:15	0.25	CM	c	80CMPL	HOLD SAFETY MEETING W / ALL PERSONNEL
3/5/2003	19:15 - 06:00	10.75	CM	1	80CMPL	R&R, C/O F/3157' - T/3189' (TD) W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR RETURNS TO SURFACE = HEAVY COAL & FINES W / NATURAL FORMATION GAS 4 BUCKETS PER HOUR OFF SAMPLE CATCHER 90% COAL, 10% SHALE
	06:00 - 06:15	0.25	CM	c	80CMPL	HOLD SAFETY MEETING W / ALL PERSONNEL
	06:15 - 10:00	3.75	CM	1	80CMPL	R&R, C/O F/3157' - T/3189' (TD) W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR RETURNS TO SURFACE = HEAVY TO MED COAL AND FINES W / NATURAL FORMATION GAS 6 DOWN TO 2 BUCKETS PER HOUR OFF SAMPLE CATCHER 90% COAL, 10% SHALE
	10:00 - 10:30	0.50	CM	z	80CMPL	CIRCULATE W / 1.6 MMCFD AIR TO DRY UP WELL FOR FLOW TEST
	10:30 - 11:00	0.50	CM	4	80CMPL	POOH TO 7" SHOE W / BHA, RIG UP TO FLOW TEST



**PHILLIPS PETROLEUM CO**  
**Operations Summary Report**

Page 6 of 8

Legal Well Name: SAN JUAN 30-5 FRUITLAND CO 000213A  
Common Well Name: SAN JUAN 30-5 FRUITLAND #213A UNIT  
Event Name: Original Completion Start: 2/13/2003 Spud Date: 1/24/2003  
Contractor Name: KEY FOUR CORNERS Rig Release: Group:  
Rig Name: KEY ENERGY Rig Number: 18

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/5/2003	11:00 - 12:00	1.00	CM	u	80CMPL	2" OPEN FLOW TEST W / PITOT TUBE - 15 MIN = 970 MCFD, 30 MIN = 1374 MCFD, 45 MIN = 1644 MCFD, 1 HR = 1644 MCFD
	12:00 - 13:00	1.00	CM	f	80CMPL	SHUT IN TEST - ISIP = 50#, 15 MIN = 180#, 30 MIN = 280#, 45 MIN = 360#, 1 HR = 415#
	13:00 - 17:00	4.00	CM	1	80CMPL	SURGE'S #28, #29, #30 @ 1100 PSI AIR ASSIST W / 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR W / 5 BBL'S WATER - FOAMER PADS = RETURNS TO SURFACE HEAVY TO MED COAL & FINES
	17:00 - 17:30	0.50	CM	4	80CMPL	RIH FROM 7" SHOE, TAG FILL AT 3150'
	17:30 - 19:00	1.50	CM	1	80CMPL	R&R, C/O F/3150' - T/3160' W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR
						RETURNS TO SURFACE = HEAVY COAL & FINES W / NATURAL FORMATION GAS
						5-6 BUCKETS PER HOUR OFF SAMPLE CATCHER
3/6/2003	19:00 - 19:15	0.25	CM	c	80CMPL	90% COAL, 10% SHALE
	19:15 - 06:00	10.75	CM	1	80CMPL	HOLD SAFETY MEETING W / ALL PERSONNEL
						R&R, C/O F/3160' - T/3189' (TD) W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR
						RETURNS TO SURFACE = HEAVY TO MED COAL & FINES W / NATURAL FORMATION GAS
						5-6 BUCKETS PER HOUR OFF SAMPLE CATCHER
						90% COAL, 10% SHALE
						R&R C/O T/3189' TD W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S OF FOAMER & INHIBITOR = RETURNS TO SURFACE, HEAVY TO MED COAL & FINES W / NATURAL FORMATION GAS & 1 BPH WATER
3/7/2003	06:00 - 07:00	1.00	CM	1	80CMPL	GAIN = 5 DOWN TO 4 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
	07:00 - 07:15	0.25	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:15 - 18:30	11.25	CM	1	80CMPL	R&R C/O T/3189' TD W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S OF FOAMER & INHIBITOR = RETURNS TO SURFACE, MED TO LIGHT COAL & FINES W / NATURAL FORMATION GAS & 1 BPH WATER
						GAIN = 4 DOWN TO 1 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
	18:30 - 19:00	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG W / BHA & RU TO SURGE WELL
	19:00 - 00:00	5.00	CM	1	80CMPL	SURGE'S # 31 - # 32 - # 33 @ 1100# AIR ASSIST W / 10 BPH MIST, 2 GAL'S OF FOAMER & INHIBITOR W / 5 BBL WATER-FOAMER PADS = RETURNS TO SURFACE, LIGHT TO MED COAL & FINES
						RIH FROM 7" CSG & TAG FILL @ 3140'
3/7/2003	00:00 - 00:30	0.50	CM	4	80CMPL	R&R C/O F/3140' T/3158' W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S OF FOAMER & INHIBITOR = RETURNS TO SURFACE, HEAVY TO MED COAL & FINES W / NATURAL FORMATION GAS & 2 BPH
	00:30 - 06:00	5.50	CM	1	80CMPL	WATER GAIN = 10 DOWN TO 6 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
						R&R C/O T/3158' W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S OF FOAMER & INHIBITOR = RETURNS TO SURFACE, MED COAL & FINES W / NATURAL FORMATION GAS & 2 BPH WATER GAIN = 4 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
	06:00 - 07:00	1.00	CM	1	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:00 - 07:15	0.25	CM	c	80CMPL	R&R C/O T/3189' TD W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S OF FOAMER & INHIBITOR = RETURNS TO SURFACE, HEAVY TO LIGHT COAL & FINES W / NATURAL FORMATION GAS & INHIBITOR
	07:15 - 18:30	11.25	CM	1	80CMPL	= 9 DOWN TO 1 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE

**PHILLIPS PETROLEUM CO**  
**Operations Summary Report**

Page 7 of 8

Legal Well Name: SAN JUAN 30-5 FRUITLAND CO 000213A  
Common Well Name: SAN JUAN 30-5 FRUITLAND #213A UNIT  
Event Name: Original Completion Start: 2/13/2003 Spud Date: 1/24/2003  
Contractor Name: KEY FOUR CORNERS Rig Release: Group:  
Rig Name: KEY ENERGY Rig Number: 18

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/7/2003	18:30 - 19:00	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG W / BHA & RU TO SURGE WELL
	19:00 - 00:00	5.00	CM	1	80CMPL	SURGE'S # 34 - # 35 - # 36 @ 1100# AIR ASSIST W / 10 BPH MIST, 2 GAL'S OF FOAMER & INHIBITOR W / 5 BBL WATER-FOAMER PADS = RETURNS TO SURFACE, LIGHT TO MED COAL & FINES
	00:00 - 00:30	0.50	CM	4	80CMPL	RIH FROM 7" CSG & TAG FILL @ 3135'
	00:30 - 06:00	5.50	CM	1	80CMPL	R&R C/O T/3158' W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S OF FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY TO MED COAL & FINES W / NATURAL FORMATION GAS & 2 BPH WATER GAIN = 10 DOWN TO 5 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
3/8/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O T/3158' W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S OF FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED COAL & FINES W / NATURAL FORMATION GAS & 1 BPH WATER GAIN = 5 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
	07:00 - 07:15	0.25	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:15 - 19:00	11.75	CM	1	80CMPL	R&R C/O T/3189' TD W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S OF FOAMER & INHIBITOR = RETURNS TO SURFACE, HEAVY TO MED COAL & FINE W / NATURAL FORMATION GAS & 1 BPH WATER GAIN = 10 DOWN TO 5 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
	19:00 - 19:15	0.25	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
3/9/2003	19:15 - 06:00	10.75	CM	1	80CMPL	R&R C/O T/3189' TD W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S OF FOAMER & INHIBITOR = RETURNS TO SURFACE, LIGHT COAL & FINES W / NATURAL FORMATION GAS & 1.5 BPH WATER GAIN = 90% COAL & 10% SHALE
	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O T/3189' TD W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S OF FOAMER & INHIBITOR = RETURNS TO SURFACE, LIGHT COAL & FINES W / NATURAL FORMATION GAS & 1.5 BPH WATER GAIN = 3 DOWN TO 1 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
	07:00 - 07:15	0.25	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:15 - 08:00	0.75	CM	1	80CMPL	R&R C/O T/3189' TD W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S OF FOAMER & INHIBITOR = RETURNS TO SURFACE, LIGHT COAL & FINES W / NATURAL FORMATION GAS & 1.5 BPH WATER GAIN = 1 DOWN TO 1/2 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
	08:00 - 08:30	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG W / BHA & RU TO TEST WELL
	08:30 - 09:30	1.00	CM	u	80CMPL	2" OPEN FLOW TEST W / PITOT TUBE = 15 MIN'S-2200 MCFD = 30 MIN'S-2550 MCFD = 45 MIN'S-2700 MCFD = 1 HR-2780 MCFD
	09:30 - 10:30	1.00	CM	t	80CMPL	SHUT IN TEST = ISIP-100# = 15 MIN'S-280# = 30 MIN'S-360# = 45 MIN'S-430# = 1 HR-485#
	10:30 - 11:00	0.50	CM	4	80CMPL	RIH FROM 7" CSG & TAG FILL @ 3183'
	11:00 - 19:00	8.00	CM	1	80CMPL	R&R C/O & CONDITION HOLE FOR LINER T/3189' TD W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S OF FOAMER, 1/2 GAL OF POLYMER & INHIBITOR = RETURNS TO SURFACE, MED TO LIGHT COAL & FINES W / NATURAL FORMATION GAS & 1.5 BPH WATER GAIN = 5 DOWN TO 2 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% COAL & 5% SHALE
	19:00 - 19:15	0.25	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	19:15 - 02:30	7.25	CM	1	80CMPL	R&R C/O & CONDITION HOLE T/3189' TD W / 1.6 MMCFD AIR, 12 BPH MIST, 2 GAL'S OF FOAMER, 1/2 GAL OF POLYMER & INHIBITOR = RETURNS TO SURFACE, LIGHT COAL & FINES W /

**PHILLIPS PETROLEUM CO**  
**Operations Summary Report**

Page 8 of 8

Legal Well Name: SAN JUAN 30-5 FRUITLAND CO 000213A  
Common Well Name: SAN JUAN 30-5 FRUITLAND #213A UNIT  
Event Name: Original Completion Start: 2/13/2003 Spud Date: 1/24/2003  
Contractor Name: KEY FOUR CORNERS Rig Release: Group:  
Rig Name: KEY ENERGY Rig Number: 18

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/9/2003	19:15 - 02:30	7.25	CM	1	80CMPL	NATURAL FORMATION GAS & 1 BPH WATER GAIN = 2 DOWN TO 1/2 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
	02:30 - 03:00	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG W / BHA TO CHECK HOLE CONDITION'S
	03:00 - 03:45	0.75	CM	1	80CMPL	FLOW WELL OUT BLOOE LINE'S TO CHECK HOLE CONDITION'S
	03:45 - 04:15	0.50	CM	4	80CMPL	RIH FROM 7" CSG & TAG FILL @ 3187' = HOLE IN GOOD CONDITION
	04:15 - 04:45	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG W / BHA
3/10/2003	04:45 - 05:00	0.25	CM	6	80CMPL	HANG BACK POWER SWIVEL
	05:00 - 06:00	1.00	CM	4	80CMPL	COOH W / 2 7/8" DP
	06:00 - 07:00	1.00	CM	4	80CMPL	COOH W / 2 7/8" DP, 3 1/2" DC'S & BHA
	07:00 - 07:15	0.25	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:15 - 08:15	1.00	CM	6	80CMPL	RU 5 1/2" RAM'S & EQUIPMENT
	08:15 - 08:45	0.50	CM	8	80CMPL	TEST 5 1/2" RAM'S = 200# 3 MIN'S & 600# 10 MIN'S = GOOD TEST
	08:45 - 09:30	0.75	CM	2	80CMPL	PU & MU 5 1/2" V-SHOE, 4 JT'S OF 5 1/2" CSG, 7" X 5 1/2" HANGER
	09:30 - 10:30	1.00	CM	4	80CMPL	RIH W / BHA & DP T/3189' TD = GOOD CLEAN HOLE TO TD
	10:30 - 10:45	0.25	CM	1	80CMPL	SET BAKER 7" X 5 1/2" HYFLO 3 HANGER W / STEEL SLEEVE & RELEASED OFF HANGER = LINER SET AS FOLLOWS, 5 1/2" V-SHOE SET @ 3188'.50", 4 JT'S OF 5 1/2", 15.50#, J-55 LT&C CSG SET @ 3187'.50", BOTTOM OF HANGER SET @ 3014'.03", TOP OF HANGER SET @ 3009'.23" = 18 FT OVERLAP OFF 7" CSG SHOE
	10:45 - 13:00	2.25	CM	2	80CMPL	COOH LAYING DOWN DP, DC'S & SETTING TOOL
	13:00 - 13:15	0.25	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	13:15 - 13:45	0.50	CM	6	80CMPL	RU BLUE JET PERF EQUIPMENT
	13:45 - 14:45	1.00	CM	q	80CMPL	RIH & PERF 5 1/2" LINER W / 3 1/8" CSG GUN'S, 4 SPF, 0.75" HOLES, 90 DEGREE PHASING AS FOLLOWS = 3136' TO 3188', 52 FT, 208 HOLES = 3120' TO 3126', 6 FT, 24 HOLES = 3114' TO 3118', 4 FT, 16 HOLES = TOTAL OF 62 FT & 248 HOLES
	14:45 - 15:00	0.25	CM	6	80CMPL	RD BLUE JET PERF EQUIPMENT
3/11/2003	15:00 - 16:15	1.25	CM	6	80CMPL	RU 2 3/8" RAM'S & EQUIPMENT
	16:15 - 17:00	0.75	CM	8	80CMPL	TEST 2 3/8" RAM'S = 200# 3 MIN'S & 1800# 10 MIN'S = GOOD TEST
	17:00 - 17:15	0.25	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	17:15 - 18:45	1.50	CM	2	80CMPL	GIH PU 2 3/8" PRODUCTION TUBING OFF PIPE RACK T3158'
	18:45 - 19:00	0.25	CM	1	80CMPL	SECURED WELL & S.D.O.N.
	07:00 - 07:15	0.25	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:15 - 07:45	0.50	CM	1	80CMPL	BLOW DOWN WELL HAD 550# ON CSG = START & WARM ENGINES
	07:45 - 08:15	0.50	CM	1	80CMPL	LAND HANGER W / TUBING SET AS FOLLOWS = 2 3/8" EXP CHECK SET @ 3167'.97" = BOTTOM JT OF TUBING SET @ 3167'.22" = FN W / 1.81 PROFILE SET @ 3136'.02" = 101 JT'S OF TUBING SET @ 3135'.02" TO HANGER @ SURFACE = TOTAL OF 102 JT'S OF 2 3/8" EUE 8RD J-55 4.7# TUBING IN WELL
	08:15 - 10:15	2.00	CM	e	80CMPL	ND BOP'S & NU WELLHEAD = TEST WELLHEAD SEAL TO 3000# = GOOD TEST
	10:15 - 10:45	0.50	CM	5	80CMPL	PULL BPV OUT OF HANGER & PUMP-OFF EXP CHECK = FLOW WELL BACK TO PURGE AIR OUT OF TUBING & WELLBORE
	10:45 - 15:00	4.25	MV	6	70DMOB	RD & RELEASE RIG & EQUIPMENT ON 03 / 10 / 2003 @ 15:00 PM = JOB COMPLETE - DROP FROM REPORT