Form 3160-4 (₄hugust 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

WELL	COMPL	FTION	OR	RECOMPL	FTION	REPORT	ANDI	OG
**	COMIL			NECOME		KLFOKI		

	WELL (COMPL	ETION C	R REC	OMPLI	ETION R	EPORT	AND L	OG			ase Serial N MSF07899		
la. Type o	of Well	Oil Well	_	_		Other					6. If	Indian, Allo	ottee or	Tribe Name
b. Type o	of Completion	⊠ N Othe		□ Work	Over	Deepen	□ Plu	g Back	□ Diff. R	esvr.	7. Ui	nit or CA A	greeme	nt Name and No.
2. Name o	of Operator OCOPHILLIPS	S COMP	ANY		Conta	ct: DEBOR E-Mail:			() () () () () () () () () () () () () (nillips.co		ase Name a J 30-5 266		11 No.
3. Address	s PO BOX 2 HOUSTO					3a Ph	. Phone Note 1832.48	No. (include 36,2326	area code)		9. A	PI Well No.		9-27254-00-S1
4. Locatio	n of Well (Re	T30N R	5W Mer NN	1P			1	s)*	A	À		ield and Po ASIN FRU		
At surf	face SWNV prod interval i		NL 950FWL	36.82972	! N Lat, 1	07.34970	W Lón	MAY	2039 2039		11. S	Sec., T., R., Area Sec	M., or :	Block and Survey 30N R5W Mer NMP
At tota		•ролии	•10						, ,		12. C	County or P	arish A	13. State NM
14. Date S 01/29/	pudded	· <u>·······</u>		ate T.D. Re /31/2003	eached		□ D 8	te Complete t A 21/2003	ed Ready to Pi	od.		Elevations (3, RT, GL)*
18. Total	Depth:	MD TVD	3217	1	9. Plug B	ack T.D.:	MD TVD		13	20. Dep	th Bri	dge Plug Se	t: N	MD IVD
21. Type NONE	Electric & Oth	er Mecha	nical Logs R	un (Submi	t copy of	each)				vell cored OST run? tional Sur	l? vey?	Mo i	⊢ Yes	(Submit analysis) (Submit analysis) (Submit analysis)
23. Casing a	and Liner Rec	ord (Repo	ort all strings		·	. Is.		1	CO1 0	Laı	17.1			
Hole Size			Wt. (#/ft.)	Top (MD)	(M	D)	Cemente Depth		f Sks. & f Cement	Slurry (BB		Cement 7	Гор*	Amount Pulled
12.25		625 J-55 000 J-55	32.0 20.0		0	220 3065			135 455				0	
6.25		500 J-55	16.0	303		3217			0				3035	
			·											
					-			 						
24. Tubin	g Record							<u> </u>		1				
Size	Depth Set (M		acker Depth	(MD)	Size	Depth Set ((MD)	Packer Dep	oth (MD)	Size	De	pth Set (MI	D) I	Packer Depth (MD)
2.375 25. Produc	ing Intervals	3185				26. Perfo	ration Rec	cord		····				
	Formation		Тор		Bottom	<u> </u>	Perforated		1	Size	T N	lo. Holes	Ι	Perf. Status
	RUITLAND (COAL		3115	3214	1		3115 T	O 3214			228	OPEN	1
B)						_								
C)		+												
	Fracture, Treat	ment, Cer	ment Squeeze	Etc.									1	·········
	Depth Interva						F	mount and	l Type of M	aterial				
	31	15 TO 32	214 CAVITA	TE										
-			 											
											-			
28. Produc	tion - Interval		17	Lon	16	- Inv	lone							
Produced	Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Соп	Gravity API	Gas Gravity	,	Producti	on Method		
03/28/2003 Choke	03/18/2003 Tbg. Press.	Csg.	24 Hr.	1.0 Oil	3758 Gas	.0 0.0 Water	Gas:	Oil	Well St	atus		FLOV	VS FRO	M WELL
Size TUBE	Flwg. SI	Press. 140,0	Rate	BBL 6	MCF 2254	BBL	Ratio			GW	AC	CEPTED	FOR	RECORD
	iction - Interva	l B					I		L		1			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL		iravity . API	Gas Gravity		,	outhidateda (2003
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Ratio		Well Sta	atus	- FAH		A SEL	D OFFICE
	SI				1	1							•	

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #20576 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

728b. Prod	uction - Inter	val C										
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Dil Gravity	Gas Gravity	Producti	on Method		
Troducca	Date			, DD.				G. a.i.,				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Gas:Oil Ratio	Well State	us			
28c. Prod	uction - Inter	val D		l								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Oil Gravity Corr. API	Gas Gravity	Producti	on Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Gas: Oil Ratio	Well State	us			
29. Dispo	sition of Gas	Sold, used	for fuel, ven	ed, etc.)	<u> </u>							
	nary of Porou	s Zones (In	clude Aquife	rs):		· · · · ·	-		31. Formation	(Log) Markers		
tests,						l intervals and all in, flowing and sh				, <i>O</i>		
	Formation Top Bottom Descriptions, 6				Contents, etc	ntents, etc. Name Top Meas. Dep						
SAN JOS NACIMIEI OJO ALA	NTO		0 1238 2421	1238 2421 2638					NACIMIEI OJO ALAI KIRTLANI FRUITLAI FRUITLAI	MO D ND		1274 2519 2679 2999 3099
This	ional remarks well is a con hed are the	ipleted as	a single we	edure): Il producini	g from the	e Basin Fruitlan	d Coal.					
	enclosed att									<u></u>		
	ectrical/Mech indry Notice f					 Geologic Re Core Analys 	-	3. D 7 Ot	ST Report ther:	4.	Direction	al Survey
34. I here	by certify tha	t the forego	Elect	ronic Subm For CON	ission #20 OCOPH	mplete and correct 0576 Verified by ILLIPS COMPA	the BLM W	ell Informati the Farming	ion System. zton		instructio	ons):
Name	(please print	DEBORA			ior proce	essing by Adrien			CONTACT	SE)		
Signa	ture_	(Electron	ic Submissi	on)			Date 04	4/23/2003				-
			····				_					

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PHILLIPS PETROLEUM CO

Operations Summary Report

Legal Well Name:

SAN JUAN 30-5 FRUITLAND CO 000266A

Common Well Name: SAN JUAN 30-5 FRUITLAND #266A UNIT

Event Name:

Original Completion

2/13/2003 Start:

Spud Date:

End:

3/20/2003

Contractor Name:

KEY FOUR CORNERS

Rig Release: 3/20/2003

Group:

Rig Name:

KEY ENERGY

Rig Number: 940

Cuk |

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/20/2003	07:00 - 12:00 12:00 - 17:00		MV MV	1	00MMIR 00MMIR	MOVE IN RIG EQUIPMENT FROM FARMINGTON YARD SPOT RIG EQUIPMENT, RIG UP RIG EQUIPMENT SHUT DOWN FOR THE NIGHT, PLAN TO FINISH MOVE IN AND RIG
2/21/2003	07:00 - 07:30 07:30 - 17:00		MV MV	c 6	00MMIR 00MMIR	UP 02/20/2003 HOLD SAFETY MEETING PRIOR TO STARTING OPERATIONS RIG UP RIG EQUIPMENT MOVE IN AIR PACKAGE, RIG UP AIR PACKAGE
2/22/2003	07:00 - 07:30 07:30 - 17:00	0.50 9.50	MV MV	C 1	00MMIR 00MMIR	LAY AIR SUPPLY LINE NIPPLE UP BOP EQUIPMENT LAY BLOOIE LINES SHUT DOWN FOR THE NIGHT HOLD SAFETY MEETING PRIOR TO STARTING OPERATIONS RIG UP RIG EQUIPMENT LAY BLOOIE LINES
2/24/2003	07:00 - 07:30	0.50	MV	c	00MMIR	RIG UP AIR PACKAGE REQUIRED WELDER TO MANUFACTURE MANY COMPONENTS FOR RIG EQUIPMENT SHUT DOWN FOR THE NIGHT HOLD SAFETY MEETING PRIOR TO STARTING OPERATIONS
2/24/2003	07:30 - 17:00		MV	1	00MMIR	RIG UP RIG EQUIPMENT RIG UP GENERATOR, STRING POWER LINES RIG UP CLOSING UNIT AND REMOTE AIR LINES RIG UP PUMP AND LINES FINISH PREPARING RIG FOR OPERATIONS SHUT DOWN FOR THE NIGHT SHUT DOWN FOR SUNDAY
2/25/2003	07:00 - 07:30 07:30 - 17:00	0.50 9.50	MV MV	 C 1	00MMIR 00MMIR	PLAN TO HOLD RIG INSECTION MONDAY 02/24/2003 PRIOR TO STARTING OPERATIONS HOLD SAFETY MEETING PRIOR TO STARTING OPERATIONS RIG UP RIG EQUIPMENT WORK ON RIG PUMP WORK ON CLOSING UNIT REMOTE PANAL
2/26/2003	07:00 - 07:30 07:30 - 17:00	0.50 9.50		c 1	00MMIR	WORK ON ELECTRICAL DO RIG INSPECTION WORK ON PROBLEM AREAS FOUND ON INSPECTION SHUT DOWN FOR THE NIGHT HOLD SAFETY MEETING PRIOR TO STARTING OPERATIONS
	07.30 - 17.00	9.50	IVIV		00MMIR	RIG UP RIG EQUIPMENT WORK ON PROBLEMS FOUND IN INSPECTION PICK DRILL STRING OUT OF PIPE BASKET, PLACE ON PIPE RACKS TALLY DRILL STRING WORK ON ELECTRICAL
2/27/2003	10:15 - 10:45	0.50	MV	С	00MMIR	SHUT IN FOR THE NIGHT HOLD SAFETY MEETING PRIOR TO STARTING OPERATIONS-EXTREMELY WET & MUDDY LOCATION CONDITIONS.
	10:45 - 17:30	6.75		1	00MMIR	RIG UP EQUIPMENT WORK ON PROBLEMS FOUND IN INSPECTION WORK ON ELECTRICAL.
2/28/2003	17:30 - 17:45 07:15 - 07:45	0.25 0.50	į.	z c	80CMPL 80CMPL	DRAIN UP & SDON. HOLD SAFETY MEETING PRIOR TO STARTING OPERATIONS-EXTREMELY WET & MUDDY LOCATION

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PHILLIPS PETROLEUM CO

Operations Summary Report

Legal Well Name:

SAN JUAN 30-5 FRUITLAND CO 000266A

Common Well Name: SAN JUAN 30-5 FRUITLAND #266A UNIT

Event Name:

Original Completion

Spud Date:

2/13/2003

End:

3/20/2003

Contractor Name:

KEY FOUR CORNERS

Rig Release: 3/20/2003

Group:

Rig Name

KEY ENERGY

Rig Name:			KEY EN	ERGY		•	Rig Number: 940
Date	From	ı - To	Hours	Code	Sub Code	Phase	Description of Operations
2/28/2003	07:15 -	07:45	0.50	wc	С	80CMPL	CONDITIONS.
	07:45 -	- 12:15	4.50	CM	z	80CMPL	PERFORM OPERATIONAL DRILLS WITH RIG PUMP &
	12:15 -	- 16:45	4.50	wc	9	80CMPL	ACCUMULATOR. NOTIFY BLM OF CASING INTEGRITY TEST @ 05:00
							2-27-03-SAFETY MEETING-PT CASING / BLIND RAMS TO 300
	1						PSIG-3MIN & 600 PSIG-30 MIN (OK). REPAIR LEAKS & PRESSURE
							TEST CASING / BLIND RAMS AND BOPE TO 1800 PSIG-10 MIN (OK). PT AIR LINES TO 1500 PSIG (OK).
	16:45 -	- 17:30	0.75	MV	3	80CMPL	RIG UP ADDITIONAL GROUND LIGHTS.
	17:30 -	- 18:00	1	СМ	z	80CMPL	DRAIN UP & SDON.
3/1/2003	08:00 -	- 08:30	0.50	СМ	C	80CMPL	HOLD SAFETY MEETING PRIOR TO STARTING
							OPERATIONS-EXTREMELY WET & MUDDY LOCATION CONDITIONS.
	08:30 -	- 10:30	2.00	СМ	6	80CMPL	RIG UP ADDITIONAL GROUND LIGHTS.
	12:15 -		4.25	I	2	50PRDR	GIH PU 6 1/4" SEC RR 518 INSERT BIT, 3-1/2" REG X 2-3/8" IF BIT
							SUB BORED AND TAPPED CONTAINING FLOAT VALVE, 10- 3 1/2"
							DC'S, 2-3/8"IF X 2-7/8" IF X-O SUB, TBHA - 305.84' W/ 1-2 7/8" DP, 2-7/8" IF X 1.875" PROFILE FN , 61 JT'S OF 2 7/8" DP
							2224.12'KB.
	1	- 18:15	1.75		6	50PRDR	PU & MU POWER SWIVEL.
3/2/2003	l l	18:30	0.25	1	Z	50PRDR	DRAIN UP & SDON.
3/2/2003	07:30 -	. 00:30	1.00	CIVI	С	50PRDR	HOLD SAFETY MEETING PRIOR TO STARTING OPERATIONS-EXTREMELY WET SNOW / MUDDY LOCATION
							CONDITIONS-BRUSH SNOW OFF TUBULARS AND RIG.
	08:30 -	10:30	2.00	DR	2	50PRDR	TALLY IN HOLE W/ 2-7/8" DRILLPIPE W/ 6-1/4" DRILLING
	10:30 -	13:00	2.50	wc	9	50PRDR	ASSEMBLY F/2224 -T/2972'KB TOC- (RUN BOP DRILL).
	10.30 -	13.00	2.50	VVC	9	SUPRUR	SAFETY MEETING -LOAD & BREAK CIRCULATION DOWN 2-7/8" DRILLPIPE AND 3-1/2"
							DC'S TO PIT
							-PT BOP #1 PIPE RAMS, 4-1/16" HCR VALVES, CHOKE MANIFOLD,
							& 7" CASING TO 200 PSIG-3MIN & 1800 PSIG -10MIN (OK) -CHECK INSERT FLOAT W/ 1800 PSIG DIFFERENTIAL PRESSURE
							(OK)
							-PT #2 PIPE RAMS TO 300 PSIG -3MIN & 1800 PSIG - 10MIN (OK)
							-PT STAND PIPE, KELLY HOSE, POWER SWIVEL, & 2-7/8" TIW
	13:00 -	14.00	1.00	DR	6	50PRDR	VALVE TO 1800 PSIG -(OK). CHANGE OUT STIFF ARMS AND SET TORQUE ON POWER
	10.00	14.00	1.00			OUT KEIK	SWIVEL.
	14:00 -	16:00	2.00	DR	1	50PRDR	UNLOAD HOLE W/ AIR MIST (12 BPH MIST W/ 2.2 MMSCFD AIR)
							AND DRILL OUT CMT / FC @ 3021"/ CMT T/ 3034"KB, W/ 6K WOB & 90 RPM'S.
	16:00 -	01:30	9.50	RM	m	50PRDR	A BROKEN SEAL DEVELOPED FROM A 'O'-RING ON THE
							HYDRAULIC PUMP OF THE POWER SWIVEL-CLEANUP WORK
							AREA- WAIT ON AND CHANGE OUT 'O'-RING-ACTIVATE POWER
							SWIVEL WITH SAME RESULT BROKEN 'O' RING-WAIT ON
	01:30 -	03:15	1.75	DR	1	50PRDR	MECHANIC AND REPAIR HYDRAULIC PUMP. BREAK CIRCULATION W/ AIR MIST AND DRILLOUT CMT F/ 3034,
							GUIDE SHOE @ 3065'KB, 8-3/4" RATHOLE AND 25' 6-1/4" OPEN
						1	HOLE F/3070-3095'KB, 6K WOB, 90 RPM'S, W/ 2.2 MMSCFD AIR
	03:15 -	. 06:00	2.75	CM	1	50PRDR	AND 12 BPH MIST. R&R F/3070-T/3095W/ 2.2 DOWN TO 1.1 MMSCFD AND 12 DOWN
	30.10	30.00	2.75	O IVI		JOI KUK	TO 6 BPH MIST AND MONITOR POWER SWIVEL HYDRAULIC
							SYSTEM.

Operations Summary Report

Legal Well Name:

SAN JUAN 30-5 FRUITLAND CO 000266A

Common Well Name: SAN JUAN 30-5 FRUITLAND #266A UNIT

Event Name:

Original Completion

2/13/2003 Start:

Spud Date:

End:

3/20/2003

Contractor Name:

KEY FOUR CORNERS

Rig Release: 3/20/2003

Group:

KEY ENERGY Rig Name:

	-
100000	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/3/2003	06:00 - 07:00	1.00	СМ	1	50PRDR	R&R F/3070-T/3095W/ 2.2 DOWN TO 1.1 MMSCFD AND 12 DOWN TO 6 BPH MIST AND MONITOR POWER SWIVEL HYDRAULIC SYSTEM.
	07:00 - 07:45	0.75	DR	С	50PRDR	HOLD SAFETY MEETING PRIOR TO STARTING OPERATIONS-EXTREMELY WET SNOW / MUDDY LOCATION CONDITIONS-BRUSH SNOW OFF TUBULARS.
	07:45 - 11:30	3.75	DR	5	50PRDR	DRILL 6-1/4" HOLE F/3095 -T/3217'KB, PBTD W/ 6K WOB & 90 RPM'S.
						COAL INTERVAL NET FT OF COAL MAX GAS UNITS 3115-3119' 4' -0-
						3121-3125' 4' -0-
						3155-3157' 2' ~500
						3170-3175' 5' ~500
						3180-3192' 12' 782
						3193-3194' 1' ~250
				1		3194-3195' 1' ~400
						3197-3198' 1' ~400
						3199-3213' 14' ~400
						TOTAL 44' OF NET COAL.
[11:30 - 16:00	4.50	CM	1	80CMPL	R&R W/ 12 DOWN TO 8 BPH MIST W/ 2.2 MMSCFD AIR RETURNS 2
						DOWN TO 1/2 BUCKET /HR.
						-99.9% OF SAMPLES WERE COAL.
	16:00 17:00	1.00	CNA		OOCMDI	- RANDOM SIZE OF 1/2" DOWN TO FINE COAL.
	16:00 - 17:00 17:00 - 18:00	1	CM	4 u	80CMPL 80CMPL	PULL UP BIT INTO 7" CASING @ 3065'KB. PITOT FLOW TEST THRU 2"
	17:00 - 18:00 1.00 CM	CIVI	u	OUCIVIFE	TIME CHOKE MANIFOLD PITOT GAUGE MSCFD /	
					CONSISTENCY	
						15MIN - 25 PSIG 7 PSIG 1644 DRY
						30MIN- 29 " 8 " 1756 DRY
						45MIN- 31 " 8.5 " 1808 DRY
						1HR- 39 " 9.0 " 1865 WET
	18:00 - 19:00	1.00	СМ	t	80CMPL	1 HR SHUT IN PRESSURE BUILD UP
	10.00			1		TIME PRESSURE
						ISIP 60 PSIG
						15MIN- 430 "
						30MIN- 530 "
						45MIN- 590 "
}						1HR- 620 "
	19:00 - 06:00	11.00	СМ	1	80CMPL	SURGE WELL WITH NATURAL SHUT IN PRESSURE BUILD UP TO 620 PSIG.
						PERFORM NATURAL PRESSURE BUILD UP SURGES.
						NATURAL SURGE # 30MIN 1-HR
}						1 500 600
						2 475 600
						3 540 610
						BLOW WELL AROUND TO PIT W/ AIR MIST BETWEEN SURGES
						RETURNS MEDIUM AMOUNT OF FINE COAL FOR 35-45 MINUTES.
3/4/2003	06:00 - 07:30	1.50	СМ	5	80CMPL	BLOW AROUND TO PIT W/ AIR MIST FOLLOWING NATURAL SURGE.
	07:30 - 08:00	0.50	СМ	С	80CMPL	HOLD SAFETY MEETING PRIOR TO STARTING
					355	OPERATIONS-EXTREMELY WET SNOW / MUDDY LOCATION CONDITIONS.
						1

Operations Summary Report

Legal Well Name: Common Well Name:

SAN JUAN 30-5 FRUITLAND CO 000266A

SAN JUAN 30-5 FRUITLAND #266A UNIT

Event Name:

Original Completion

Start: 2/13/2003 Spud Date:

End:

3/20/2003

Contractor Name: Rig Name:

KEY FOUR CORNERS KEY ENERGY

Rig Release: 3/20/2003

Group:

Rig N	lum	ber:	940
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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/4/2003	08:00 - 11:00	3.00	RM	m	80CMPL	ENCOUNTERED PROBLEMS WITH POWER SWIVEL MAKE UP AND BREAKOUT CONTROL PANEL. RE-ROUTE POWER SWIVEL
	11:00 - 16:00	5.00	СМ	1	80CMPL	HYDRAULIC HOSES TO RUN OFF OF RIG. GIH & CLEANOUT 10' OF NEW FILL F/3207-3217'KB. R&R W/ 12 DOWN TO 8 BPH MIST W/ 2.2 MMSCFD AIR RETURNS 1-1/2 DOWN TO 1/2 BUCKET /HR.
						-90.% OF SAMPLES WERE COAL, 10% SHALE RANDOM SIZE OF 1/4" DOWN TO FINE GRITTY COAL.
	16:00 - 17:00	[СМ	4	80CMPL	PULL UP BIT INTO 7" CASING @ 3065'KB.
	17:00 - 18:00	1.00	СМ	u	80CMPL	PITOT FLOW TEST THRU 2" TIME CHOKE MANIFOLD PITOT GAUGE MSCFD /
						CONSISTENCY
						30MIN- 40 " 10 " 1950 DRY
						45MIN- 39 " 10.5 " 2000 DRY 1HR- 39 " 10.5 " 2000 DAMP
	18:00 - 19:00	1.00	СМ	t	80CMPL	1 HR SHUT IN PRESSURE BUILD UP
						TIME PRESSURE ISIP 60 PSIG
						15MIN- 350 "
						30MIN- 540 " 45MIN- 570 "
						1HR- 585 "
	19:00 - 06:00	11.00	СМ	1	80CMPL	SURGE WELL WITH NATURAL SHUT IN PRESSURE BUILD UP TO 585 PSIG.
						PERFORM AIR MIST PRESSURE BUILD UP SURGES W/ 4-5 BBL WTR PADS.
						SURGE# 1-HR
						4 800 5 800
						5 800 6 800
						7 1100
						BLOW WELL AROUND TO PIT W/ AIR MIST BETWEEN SURGES RETURNS SMALL AMOUNT OF FINE COAL FOR 15-20 MINUTES.
3/5/2003	06:00 - 07:30	1.50	СМ	5	80CMPL	BLOW AROUND TO PIT W/ AIR MIST FOLLOWING AIR/MIST SURGE #7.
	07:30 - 08:00	0.50	СМ	С	80CMPL	HOLD SAFETY MEETING PRIOR TO STARTING
						OPERATIONS-EXTREMELY WET SNOW / MUDDY LOCATION CONDITIONS.
	08:00 - 18:45	10.75	СМ	1	80CMPL	GIH & CLEANOUT 17' OF NEW FILL F/3200-3217'KB. R&R W/ 12
						DOWN TO 8 BPH MIST W/ 2.2 MMSCFD AIR RETURNS 2-1/2 DOWN TO 1/2 BUCKET /HR.
						-90.% OF SAMPLES WERE COAL, 10% SHALE.
	18:45 - 19:30	0.75	СМ	4	80CMPL	- RANDOM SIZE OF 1/2" DOWN TO FINE GRITTY COAL. PULL UP BIT INTO 7" CASING @ 3065'KB.
	19:30 - 06:00	10.50		1	80CMPL	PERFORM AIR MIST PRESSURE BUILD UP SURGES W/ 4-5 BBL
						WTR PADS. SURGE # 1-HR
						SURGE # 1-HR 8 1100
						9 1200
				,		10 1200 MED RETURNS OF COAL AFTER SURGE

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PHILLIPS PETROLEUM CO

Operations Summary Report

Legal Well Name: SAN JUAN 30-5 FRUITLAND CO 000266A Common Well Name: SAN JUAN 30-5 FRUITLAND #266A UNIT

Event Name:

Original Completion

Start:

2/13/2003

Spud Date:

End:

3/20/2003

Contractor Name:

_ _ _

KEY FOUR CORNERS

Rig Release: 3/20/2003

Group:

Rig Name:

KEY ENERGY

Date	From - To	Hours	Code	Code	Phase	Description of Operations
3/5/2003	19:30 - 06:00	10.50	СМ	1	80CMPL	11 1200 BLOW WELL AROUND TO PIT W AIR MIST BETWEEN SURGES. RETURNS MEDIUM AMOUNT OF FINE COAL FOR 30 MINUTES.
3/6/2003	06:00 - 07:30	1.50	СМ	5	80CMPL	BLOW AROUND TO PIT W/ AIR MIST FOLLOWING AIR/MIST SURGE
	07:30 - 08:00	0.50	СМ	С	80CMPL	HOLD SAFETY MEETING PRIOR TO STARTING OPERATIONS-BRUSH OFF EQUIPMENT & TUBULARS ~ 8" OF NEW SNOW-EXTREMELY WET SNOW / MUDDY LOCATION CONDITIONS.
	08:00 - 18:00	10.00	СМ	1	80CMPL	GIH & CLEANOUT BRIDGES F/3070-3217'KB. R&R W/ 12 BPH MIST W/ 2.2 MMSCFD AIR RETURNS 12 DOWN TO 1-1/2 BUCKETS /HR99.% OF SAMPLES WERE COAL, 1% SHALE RANDOM SIZE OF 1/4" DOWN TO FINE GRITTY COAL.
	18:00 - 19:00 19:00 - 06:00	1.00 11.00	CM CM	4	80CMPL 80CMPL	PULL UP BIT INTO 7" CASING @ 3034'KB. PERFORM AIR MIST PRESSURE BUILD UP SURGES W/ 4-5 BBL WTR PADS.
						SURGE # 1-HR
						12 1100 MED RETNS OF COAL AFTER
						SURGE
		}				13 1100 "
						14 1100 " 15 1100 "
		1				BLOW WELL AROUND TO PIT W/ AIR MIST BETWEEN SURGES.
				ļ		RETURNS MEDIUM AMOUNT OF FINE COAL FOR 45-60 MINUTES.
3/7/2003	06:00 - 07:30	1.50	СМ	5	80CMPL	BLOW AROUND TO PIT W/ AIR MIST FOLLOWING AIR/MIST SURGE #15.
	07:30 - 08:00	0.50	СМ	C ·	80CMPL	HOLD SAFETY MEETING PRIOR TO STARTING OPERATIONS-EXTREMELY WET SNOW / MUDDY LOCATION CONDITIONS.
	08:00 - 09:00 09:00 - 06:00	1.00 21.00	CM	m 1	80CMPL 80CMPL	RE-PLUMB HYDRAULIC LINES FOR REMOTE POWER SWIVEL USE. GIH & CLEANOUT BRIDGES @ F/3034'KB T/3110', & F/3170-T/3187'KB. R&R W/ 12 BPH MIST W/ 2.2 MMSCFD AIRRETURNS: 6 DOWN TO 3/4 BUCKETS / HR99.9% OF SAMPLES WERE COAL, 0.1% SHALE RANDOM SIZE OF 1-1/2"- DOWN TO FINE GRITTY COAL AND ~ 1/2 BWPH.
3/8/2003	06:00 - 09:00	-	СМ	1	80CMPL	SAFETY MEETING-PRIOR TO ANY OPERATION-LOCATION & ACCESS ROAD EXTREMELY MUDDY CONDITIONSCLEANOUT F/3170-T/3187'KB, PBTD -R&R W/ 12 BPH MIST W/ 2.2 MMSCFD AIRRETURNS: 3/4 BUCKET / HR99.9% OF SAMPLES WERE COAL, 0.1% SHALE RANDOM SIZE OF 3/4"- DOWN TO FINE GRITTY COAL AND ~ 1/2 BWPH.
	09:00 - 09:30	0.50	wc	8	80CMPL	CHANGE OUT #1 RIG PUMP LINES TO #2 RIG PUMP-SAFETY MEETING-PT LINES TO 500 PSIG -3MIN & 2000 PSIG-10 MIN (OK).
	09:30 - 15:00	5.50	СМ	1	80CMPL	-CLEANOUT F/3187-T/3217'KB, PBTD -R&R W/ 12 BPH MIST W/ 2.2 MMSCFD AIRRETURNS: 3 DOWN TO 1 BUCKET / HR99.9% OF SAMPLES WERE COAL, 0.1% SHALE RANDOM SIZE OF 3/4"- DOWN TO FINE GRITTY COAL AND ~ 1/2 BWPH.
	15:00 - 16:00	1.00	СМ	5	80CMPL	CIRCULATE AND DRY UP WELLBORE WITH AIR PRIOR TO FLOW

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PHILLIPS PETROLEUM CO

Operations Summary Report

Legal Well Name: SAN JUAN 30-5 FRUITLAND CO 000266A Common Well Name: SAN JUAN 30-5 FRUITLAND #266A UNIT

Spud Date:

Event Name:

Original Completion

Start: 2/13/2003 End:

3/20/2003

Contractor Name:

KEY FOUR CORNERS

Rig Release: 3/20/2003

Group:

Rig Name: **KEY ENERGY** Rig Number: 940

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/8/2003	15:00 - 16:00 16:00 - 17:00 17:00 - 18:00	1.00 1.00 1.00		5 4 u	80CMPL 80CMPL 80CMPL	TEST. PULL UP BHA INTO 7" CSG @ 3034'KB (BOP / TRIP DRILL). PITOT FLOW TEST THRU 2"
						TIME CHOKE MANIFOLD PITOT GAUGE MSCFD / CONSISTENCY
						15MIN - 40 PSIG 10 PSIG 1950 DRY 30MIN- 40 " 10 " 1950 DRY
•	10.00 10.00	4.00	ON4		2001451	45MIN- 37.5" 9:5" 1917 DAMP 1HR- 37" 9:5" 1917 DAMP
	18:00 - 19:00	1.00	СМ	lt	80CMPL	1 HR SHUT IN PRESSURE BUILD UP TIME PRESSURE ISIP 65 PSIG 15MIN- 325 " 30MIN- 485 " 45MIN- 540 "
	19:00 - 06:00	11.00	СМ	1	80CMPL	1HR- 560 " SURGE WELL WITH NATURAL SHUT IN PRESSURE BUILD UP TO 560 PSIG. PERFORM AIR MIST PRESSURE BUILD UP SURGES W/ 4 (5 BBL) WTR PADS.
						SURGE # 1-1/2 HR 16 1100 17 1100 18 1100 19 1100
3/9/2003	06:00 - 10:00	4.00	СМ	1	80CMPL	BLOW WELL AROUND TO PIT W/ AIR MIST BETWEEN SURGES. RETURNS: MEDIUM AMOUNT OF FINE COAL ~3/4 DOWN TO 1/2 BUCKET /HR. SAFETY MEETING-PRIOR TO STARTING OPERATIONS. LOCATION & ACCESS ROAD EXTREMELY MUDDY CONDITIONS. PERFORM AIR MIST PRESSURE BUILD UP SURGES W/ 4 (5 BBL) WTR PADS.
						SURGE # 1-1/2 HR 20 1100 21 1100
						BLOW WELL AROUND TO PIT W/ AIR MIST BETWEEN SURGES. RETURNS: MEDIUM AMOUNT OF FINE COAL ~3/4 DOWN TO 1/2 BUCKET /HR.
	10:00 - 10:30 10:30 - 06:00	0.50 19.50	l	1	80CMPL 80CMPL	GIH W/ 6-1/4" BHA F/3034' & TAG BRIDGE @ 3140'KB. CLEANOUT THRU BRIDGE @ 3140', & F/3170-T/3217'KB, PBTD -R&R W/ 12 BPH MIST W/ 2.2 MMSCFD AIRRETURNS:12 DOWN TO 2 BUCKETS / HR99.9% OF SAMPLES WERE COAL, 0.1% SHALE.
3/10/2003	06:00 - 07:30	1.50	СМ	1	80CMPL	-RANDOM SIZE OF 1"- DOWN TO FINE GRITTY COAL AND ~ 1/2 BWPH. SAFETY MEETING-PRIOR TO STARTING OPERATIONS. MUDDY LOCATION CONDITIONSR&R W/ 12 BPH MIST W/ 2.2 MMSCFD AIR F/3187-T/3217'KB, PBTDRETURNS: 2 DOWN TO 3/4 BUCKET / HR99.9% OF SAMPLES WERE COAL, 0.1% SHALERANDOM SIZE OF 1/4"- DOWN TO FINE GRITTY COAL AND ~ 1/2 BWPH.

Operations Summary Report

Legal Well Name: SAN JUAN 30-5 FRUITLAND CO 000266A Common Well Name: SAN JUAN 30-5 FRUITLAND #266A UNIT

Event Name:

Original Completion

Start:

Spud Date: 2/13/2003

End:

3/20/2003

Contractor Name:

KEY FOUR CORNERS

Rig Release: 3/20/2003

Group:

Rig Name:

KEY ENERGY

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/10/2003	07:30 - 08:30	1.00	СМ	5	80CMPL	CIRCULATE & DRY UP WELLBORE PRIOR TO FLOW TEST W/ 12 DOWN TO -0- BPH MIST & 2.2 MSCFD AIR.
	08:30 - 09:15	0.75	CM	4	80CMPL	PULL UP BHA INTO 7" @ 3034"KB.
	09:15 - 10:15	1.00	1	u	80CMPL	PITOT FLOW TEST THRU 2"
	00.10	1.00	OW	ľ	00011111	TIME CHOKE MANIFOLD PITOT GAUGE MSCFD / CONSISTENCY
		ļ				15MIN - 35 PSIG 10 PSIG 1950 DRY
						30MIN- 40 " 10.5 " 1991 DRY
						45MIN- 50 " 11.5 " 2100 DRY 1HR- 52 " 13.0 " 2237 DRY
	10:15 - 11:15	1.00	CM	t	80CMPL	1HR- 52 " 13.0 " 2237 DRY 1 HR SHUT IN PRESSURE BUILD UP
	10.13 - 11.13	1.00	CIVI		OUCIVIFL	TIME PRESSURE
						ISIP 78 PSIG
						15MIN- 370 "
						30MIN- 510 "
						45MIN- 560 "
						1HR- 570 "
	11:15 - 06:00	18.75	СМ	1	80CMPL	SURGE WELL WITH NATURAL SHUT IN PRESSURE BUILD UP TO
						570 PSIG. PERFORM NATURAL PRESSURE BUILD UP SURGES.
						NATURAL SURGE # 30MIN 1-HR RETURNS:
						BUCKET/HR
						4 520 570 1/4
						5 510 570 1/10
					,	6 555 570 1/10
						PERFORM AIR MIST PRESSURE BUILD UP SURGES W/ 4 (5 BBL) WTR PADS.
						SURGE # 1-1/2 HR RETURNS: BUCKET/HR
			1			22 1100 1
						23 1100 1
						24 1100 1 25 1100 1
						25 1100 1 BLOW WELL AROUND TO PIT W/ AIR MIST BETWEEN SURGES.
3/11/2003						RETURNS: MEDIUM AMOUNT OF FINE COAL.
	06:00 - 08:30	2.50	СМ	1	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS.
						MUDDY LOCATION CONDITIONS.
						PERFORM AIR MIST PRESSURE BUILD UP SURGES W/ 4 (5 BBL)
						WTR PADS. SURGE # 1-1/2 HR RETURNS: BUCKET/HR
						SURGE # 1-1/2 HR RETURNS: BUCKET/HR 26 1100 1
						BLOW WELL AROUND TO PIT W/ AIR MIST AFTER SURGE.
						RETURNS: MEDIUM AMOUNT OF FINE COAL.
	08:30 - 09:00	0.50	СМ	4	80CMPL	GIH W/ BHA F/3034' & TAG BRIDGE IN CASING @ 3050'KB.
	09:00 - 06:00	21.00	СМ	1	80CMPL	BREAK CIRCULATION W/ AIR MIST & CLEANOUT THROUGH
						BRIDGE IN 7" CASING @ 3050'KB.
						-R&R W/ 12 BPH MIST W/ 2.2 MMSCFD AIR F/3167-T/3187'KB.
						-RETURNS: 8 DOWN TO 3/4 BUCKET / HR.
						-99.9% OF SAMPLES WERE COAL, 0.1% SHALE.
						-RANDOM SIZE OF 1/2"- DOWN TO FINE GRITTY COAL AND ~ 1/2 BWPH.
3/12/2003	06:00 - 06:00	24.00	СМ	1	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS.

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PHILLIPS PETROLEUM CO

Operations Summary Report

Legal Well Name:

SAN JUAN 30-5 FRUITLAND CO 000266A

Common Well Name: SAN JUAN 30-5 FRUITLAND #266A UNIT

Event Name:

Original Completion

Start:

2/13/2003

Spud Date: End:

3/20/2003

Contractor Name:

KEY FOUR CORNERS

Rig Release: 3/20/2003

Group:

Rig Name:

KEY ENERGY

Rig Number: 940

Sub Phase Date From - To Hours Code **Description of Operations** Code 3/12/2003 06:00 - 06:00 24.00 СМ 80CMPL LOCATION STARTING TO DRY OUT. -R&R W/ 12 BPH MIST W/ 2.2 MMSCFD AIR F/3187-T/3217'KB. -RETURNS: RUNNING COAL F/20+ DOWN T/ 1 BUCKET / HR. -99.9% OF SAMPLES WERE COAL, 0.1% SHALE. -RANDOM SIZE OF 1/8"- DOWN TO FINE GRITTY COAL AND ~ 1/2 BWPH. 80CMPL 3/13/2003 06:00 - 07:30 1.50 CM SAFETY MEETING-PRIOR TO STARTING OPERATIONS. LOCATION DRYING OUT. -R&R W/ 12 BPH MIST W/ 2.2 MMSCFD AIR F/3187-T/3217'KB. -RETURNS: RUNNING COAL F/20+ DOWN T/ 1 BUCKET / HR. -99.9% OF SAMPLES WERE COAL, 0.1% SHALE. -RANDOM SIZE OF 1/8"- DOWN TO FINE GRITTY COAL AND ~ 1/2 RWPH CIRCULATE WELLBORE WITH 2.2 MSCFD AIR TO DRY UP PRIOR 0.50 CM 80CMPL 07:30 - 08:00 5 TO FLOW TEST. 80CMPL 0.50 CM 08:00 - 08:30 PULL BHA UP INTO 7" CASING @ 3034'KB. 4 08:30 - 09:30 1.00 CM 80CMPL PITOT FLOW TEST THRU 2" CHOKE MANIFOLD PITOT GAUGE MSCFD / CONSISTENCY 17 PSIG 15MIN -68 PSIG 2506 DRY 30MIN-DRY 75 18 2684 45MIN-80 19 2828 DAMP 1HR-80 20.0 " 2863 DAMP 1 HR SHUT IN PRESSURE BUILD UP 1.00 CM 09:30 - 10:30 80CMPL TIME **PRESSURE** ISIP **110 PSIG** 15MIN-350 30MIN-410 45MIN-485 ' 515 " 1HR-10:30 - 06:00 19.50 CM 80CMPL SURGE WELL WITH NATURAL SHUT IN PRESSURE BUILD UP TO 515 PSIG. RETURNS: HAND FULL OF COAL PERFORM AIR MIST PRESSURE BUILD UP SURGES W/ 4 (5 BBL) WTR PADS. SURGE# 1-1/2 HR RETURNS: BUCKET/HR 27 1100 1-1/4 28 1100 1/2 29 800 1/2 950 BLOW WELL AROUND TO PIT W/ AIR MIST BETWEEN SURGES. RETURNS: MEDIUM AMOUNT OF FINE COAL. 3/14/2003 06:00 - 06:30 0.50 CM 80CMPL SAFETY MEETING-PRIOR TO STARTING OPERATIONS. LOCATION DRYING OUT. GIH W/ 6-1/4" BHA & TAG BRIDGE IN 7" CASING @ 3050'KB. 23.50 CM 06:30 - 06:00 80CMPL BREAK CIRCULATION W/ AIR MIST & CLEANOUT SHALE BRIDGE

IN 7" CASING @ 3050'KB, CONTINUE IN HOLE TO 3170'KB. -R&R W/ 12 BPH DOWN TO 8 BPH MIST W/ 2.2 MMSCFD AIR

-STICKY HOLE BELOW BOTTOM COAL F/3215-T/3217'.

F/3170-T/3217'KB

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PHILLIPS PETROLEUM CO

Operations Summary Report

Legal Well Name:

10:00 - 12:30

12:30 - 13:30

13:30 - 14:30

14:30 - 17:30

17:30 - 19:00

2.50 CS

1.00 CS

1.00 CS

3.00 CS

1.50 WC

SAN JUAN 30-5 FRUITLAND CO 000266A

Common Well Name: SAN JUAN 30-5 FRUITLAND #266A UNIT

Event Name:

Original Completion

Start: 2/13/2003 Spud Date:

Contractor Name

End: 3/20/2003

15.5 PPF PRODUCTION CASING AND PT 5-1/2" PIPE RAMS T/200# -3MIN & 500# T/-10 MIN (OK). BLEED DOWN & KILL WELL W/ 50

1.00'

- 180.42'

GIH W/ 5-1/2" 15.5 PPF J-55 CASING / LINER AS FOLLOWS:

W/ SETTING TOOL & 92 JTS 2-7/8" DRILLPIPE T/3040'KB.

GIH & TAG BRIDGE @ 3065'KB (7" CASING SHOE) OR OBSTRUCTION IN 7" CASING-ROTATE AND WORK THROUGH

OBSTRUCTION DOWN TO 3116'KB-UNABLE TO ROTATE AND WORK LINER UP OR DOWN-SHUT IN WELL & EQUALIZED TO 350 PSIG-NO MOVEMENT-SET & RELEASE LINER-CIRCULATE HOLE

BBLS PRODUCED FRUITLAND COAL WATER.

6"-V- BOTTOM ROTARY FLOAT SHOE - 1.03'

HYFLO III ROTATING LINER HANGER - 3.80

4- JTS 5-1/2" CASING

5-1/2" STEEL SETTING SLEEVE

W/ NO CUTTINGS IN RETURNS.

COOH & LAYDOWN SETTING TOOL.

RU TO RUN FISHING TOOL ASSEMBLY.

BREAK CIRCULATION W/ AIR MIST.

TOTAL LINER ASSEMBLY

Rig Name:		KEY FO	UR COF			Rig Release: 3/20/2003 Group: Rig Number: 940		
Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations		
3/14/2003	06:30 - 06:00	23.50	СМ	1	80CMPL	-RETURNS: RUNNING COAL F/15+ DOWN T/ 3/4 BUCKET / HR99.9% OF SAMPLES WERE COAL, 0.1% SHALERANDOM SIZE OF 1/8"- DOWN TO FINE GRITTY COAL AND ~ 1/2 BWPH.		
3/15/2003	06:00 - 06:30	0.50	CM	1	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONSR&R W/ 12 BPH DOWN TO 8 BPH MIST W/ 2.2 MMSCFD AIR F/3187-T/3217'KBSTICKY HOLE BELOW BOTTOM COAL F/3215-T/3217'RETURNS: ~ 3/4 BUCKET / HR99.9% OF SAMPLES WERE COAL, 0.1% SHALERANDOM SIZE OF 1/8"- DOWN TO FINE GRITTY COAL AND ~ 1/4 BWPH.		
	06:30 - 07:30	1.00	СМ	5	80CMPL	CIRCULATE WELLBORE W/ 2.2 MMSCFD AIR TO DRY UP PRIOR TO FLOW TEST.		
	07:30 - 08:00	0.50	СМ	4	80CMPL	PULL BHA INTO 7" @ 3034'KB FOR AIR COMPRESSOR REPAIR, PULL THROUGH BRIDGE 15' OFF BOTTOM @ 3202'KB.		
	08:00 - 12:00	4.00	RM	m	80CMPL	AIR COMPRESSOR REPAIR SOLENOID. FLOW TEST THRU 2" WHILE REPAIRING AIR COMPRESSOR @ 2237 MCFD DRY GAS. 1-HOUR SHUT IN PRESSURE BUILD UP TO 530 PSIG.		
	12:00 - 13:00	1.00	СМ	5	80CMPL	PERFORM NATURAL SURGE W/ 530 PSIG AND BLOW AROUND TO PIT W/ AIR MIST.		
	13:00 - 03:30	14.50	СМ	1	80CMPL	GIH W/ BHA F/3034'KB, AND TAG BRIDGE @ 3202'KBR&R F/3187-3217'KB, PBTD W/ 12 BPH MIST W/ 1/2 GAL /10 BBLS POLYMER W/ 2.2 MMSCFD AIRRETURNS: 6 DOWN TO 3/4 BUCKET 99.9% COAL / HOUR -CONDITION HOLE FOR LINER.		
	03:30 - 04:30	1.00	СМ	4	80CMPL	SHORT TRIP BHA F/3217' -T/3100'-GIH T/3213'KB-COOH AND LAYDOWN 5-JTS 2-7/8" DRILLPIPE-HANG BACK POWER SWIVEL.		
3/16/2003	06:00 - 09:00	3.00	СМ	4	80CMPL	SAFETY MEETING-PRIOR TO START OPERATIONS. COOH W/ DRILL STRING W/ 6-1/4" BIT BIT GRADED:(1-1-A-F-I-A-TD)-SEALS NON-EFFECTIVE.		
	09:00 - 09:45	0.75		6	50PRRC	RIG UP TO RUN 5-1/2" LINER.		
	09:45 - 10:00	0.25	wc	8	50PRRC	MAKE UP 6.016 ROTARY FLOAT SHOE ON 1ST JOINT OF 5-1/2"		

50PRRC

50PRRC

50PRRC

50PRRC

50PRRC

Printed: 3/28/2003 8:42:08 AM

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PHILLIPS PETROLEUM CO

Operations Summary Report

Legal Well Name: SAN JUAN 30-5 FRUITLAND CO 000266A Common Well Name: SAN JUAN 30-5 FRUITLAND #266A UNIT

Spud Date:

Event Name:

Original Completion

2/13/2003 Start:

End: 3/20/2003

Contractor Name:

KEY FOUR CORNERS

Rig Release: 3/20/2003

Group:

Rig Name:

KEY ENERGY

Date	Fror	n - To	Hours	Code	Sub Code	Phase	Description of Operations
3/16/2003	19:00	- 23:00	4.00	FI	2	50PRRC	MU & GIH W/ FISHING ASSEMBLY: 5-1/2" 15.5 PPF SPEAR W/ EXTENSION AND STOP SUB, 3-3/4" BUMPER SUB, 3-3/4" OD HYDRAULIC JARS, W/ 6-(3-1/2") DRILL COLLARS, 3-3/4" INTENSIFIER W/ 2-7/8" DRILL PIPE-SPEAR INTO
	23:00	- 01:00	2.00	Fi	4	50PRRC	TOP OF HANGER / SETTING SLEEVE @ 2935'KB. PULLED 30,000#'S OVER ON HANGER / LINER ASSEMBLY WITHOUT SETTING THE JARS OFF AND MOVED THE END OF LINER UP 50' ~ 3065' (7" SHOE). COOH W/ LINER ASSEMBLY
	01:00	- 04:00	3.00	wc	7	50PRRC	TRIPPING THE JARS ~ EVERY 43+' THRU EACH 7" COLLAR UP TO 1700'KB. CHANGE OUT #1 PIPE RAMS F/2-7/8" T/ 5-1/2". PROBLEM WITH
							LOOSING HYDRAULIC PRESSURE ON ACCUMULATOR (LEAKING PISTION SEAL O'RING ON #2 PIPE RAMS).
2/17/2002		- 06:00 - 10:00	2.00 4.00	1	4	50PRRC 50PRRC	COOH W/ FISHING / LINER ASSEMBLY F/ 1700 - 400'KB.
3/17/2003	00.00	- 10.00	4.00	FI	4	SUPRRC	SAFETY MEETING-PRIOR TO START OF ANY OPERATIONS. COOH & LAYDOWN FISHING TOOLS / 5-1/2" LINER ASSEMBLY (J-SLOT POSITIONING PIN ON LINER HANGER WAS MISSING OR SHEARED OFF-"SLIPS WERE FREE TO MOVE", ALSO NOTICED SOME 1/16" GROOVES ON THE SIDES OF THE ROTARY SHOE BLADES).
	10:00	- 10:45	0.75	СМ	6	80CMPL	RIG UP TO RUN 6-1/4" DRILLING ASSEMBLY.
	10:45	- 13:00	2.25	СМ	4	80CMPL	PU 6 1/4" VAREL RR 517 INSERT BIT/ SN: 26556, W/3-1/2" REG X
							2-3/8" IF BIT SUB BORED AND TAPPED CONTAINING FLOAT VALVE, 10- 3 1/2" DC'S, 2-3/8"IF X 2-7/8" IF X-O SUB, TBHA - 305.84' W/ 1-2 7/8" DP, 2-7/8" IF X 1.875" PROFILE FN, W/ TOTAL OF 80 JT'S OF 2-7/8" DP 2785'KB.
	13:00	- 13:30	0.50	wc	4	80CMPL	LAND 6-1/4" DRILLING ASSEMBLY W/ 2-7/8" IF PIN X 2-7/8" EUE PIN X-O SUB W/ 2-7/8" TBG HGR W/ BPV W/ EOT STRING @ 2795'KB.
	13:30	- 01:30	12.00		е	80CMPL	NIPPLE DOWN & X-O BOP-(HORRIBLY MUDDY LOCATION CONDITIONS).
	1	- 03:00	l .	wc	8	80CMPL	PT BOPE TO 200 PSIG-3MIN & 1800#-10 MIN-(OK).
		- 04:00		WC	4	80CMPL	COOH & PULL BPV-LAYDOWN TBG HGR.
2/10/2002		- 06:00	1	CM	4	80CMPL	GIH W/ 6-1/4" DRILLING ASSEMBLY F/2785 T/ 3065'KB.
3/18/2003	06.00	- 08:00	2.00	CM	4	80CMPL	SAFETY MEETING-PRIOR TO START OF ANY OPERATIONS. EXTREMELY MUDDY LOCATION CONDITIONS. GIH W/ 6-1/4" DRILLING ASSEMBLY F/3065 T/ 3210'KB, BIRIDGE.
	08:00	- 17:00	9.00	СМ	1	80CMPL	R&R F/3187 - T/3217'KB, PBTD W/ 12 DOWN TO 8 BPH W/ 2.2 MSCFD AIR MIST W/ 1/2 GAL / 10 BBLS POLYMER. RETURNS: 3 DOWN TO 1 BUCKET / HR W/ 99.9% 1/8" DOWN TO FINE COAL.
	17:00	- 17:30	0.50	СМ	4	80CMPL	PU INTO 7" CASING @ 3034'KB.
		- 18:30	1.00		u	80CMPL	PITOT FLOW TEST THRU 2" TIME CHOKE MANIFOLD PITOT / MSCFD / CONSISTENCY 15MIN - 115 PSIG 2774 DRY 30MIN- 115 " 3579 DAMP 45MIN- 115 " 3669 DAMP 1HR- 115 " 3758 DAMP PERFORM ISIP-140 PSIG.
	18:30	- 19:00	0.50	СМ	4	80CMPL	GIH W/ 6-1/4" DRILLING ASSEMBLY F/3034 & TAGGED UP BRIDGE @ 3080'KB.
	19:00	- 04:00	9.00	СМ	1	80CMPL	WORK THRU BRIDGE @ 3080'KB W/ UP TO 2000 FT-LBS OF TORQUE. (STICKY F/3210-3217'KB UP TO 1500 FT-LBS OF TORQUE).
							R&R F/3187-3217'KB, PBTD W/ 12 BPH W/ 2.2 MSCFD AIR MIST W/

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PHILLIPS PETROLEUM CO

Operations Summary Report

Legal Well Name:

From - To

19:00 - 04:00

04:00 - 06:00

06:00 - 09:00

09:00 - 10:00

10:00 - 12:30

12:30 - 15:00

15:00 - 15:30

15:30 - 16:00

16:00 - 23:00

23:00 - 04:00

04:00 - 05:30

05:30 - 06:00

06:00 - 06:30

06:30 - 08:00

08:00 - 12:00

12:00 - 15:30

3/20/2003

SAN JUAN 30-5 FRUITLAND CO 000266A

Phase

80CMPL

80CMPL

50PRRC

50PRRC

50PRRC

50PRRC

80CMPL

80CMPL

80CMPL

80CMPL

80CMPL

80CMPL

80CMPL

Common Well Name:

SAN JUAN 30-5 FRUITLAND #266A UNIT

Sub

Code

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2

Event Name:

Start:

Spud Date:

Original Completion

2/13/2003

End:

3/20/2003

Contractor Name:

KEY FOUR CORNERS

Code

Rig Release: 3/20/2003

Group:

Rig Name:

Date

3/18/2003

3/19/2003

KEY ENERGY

9.00 СМ

2.00 CM

3.00 CM

1.00 CS

2.50 CS

2.50 CS

0.50 CS

0.50 CS

7.00 CM

5.00 CM

1.50 WC

0.50 CM

0.50 CM

4.00 CM

3.50 CM

1.50

CM

Hours

Rig Number: 940

80CMPL 1/2 GAL / 10 BBLS POLYMER. RETURNS: 2 DOWN TO 1-1/4 BUCKET / HR 99.9% OF 1/8" DOWN TO FINE GRITTY COAL.

Description of Operations

COOH W/ 6-1/4" DRILLING ASSEMBLY.

SAFETY MEETING-PRIOR TO START OF ANY OPERATIONS.

EXTREMELY MUDDY LOCATION CONDITIONS.

COOH W/ 6-1/4" DRILLING ASSEMBLY.

RU TO RUN 5-1/2" LINER-PT 5-1/2" PIPE RAMS TO 200 PSI-3MIN &

500 PSIG-10 MIN (OK).

GIH W/ 5-1/2" 15.5 PPF J-55 LT&C CASING / LINER AS FOLLOWS:

6-1/4" SECURITY 518 RR BIT

0.75

3-1/2 REG X 5-1/2" LTC BIT SUB W/ FLOAT

1.53

4- JTS 5-1/2" CASING

174.63'

SLPR HYDRAULIC LINER HANGER W/ STEEL SLEEVE

3.78

TOTAL LINER ASSEMBLY

180.69

AFTER PICKING UP 1ST JOINT OF DRILLPIPE HAD TO KILL WELL

W/ 50 BBLS PRODUCED FRUITLAND COAL WATER.

GIH W/ TOTAL OF 92 JTS 2-7/8" DRILLPIPE T/3040'KB.

DRILL DOWN LINER THRU BRIDGES @ 3080'KB, & F/3205-3217'KB

W/ 1.1 MSCFD W/ 12 BPH AIR MIST.

PUMP 20 BBLS PRODUCED FRUITLAND COAL WATER AHEAD-DROP SETTING BALL-DISPLACE W/ 15 BBLS WATER-SET

& RELEASE HYDRAULIC HANGER W/ 2800 PSIG.

TOP OF LINER @ 3035'KB

PBTD @ 3213'KB.

50PRRC PICKUP SETTING TOOL & CIRCULATE WELLBORE CLEAN TO PIT. COOH & LAYDOWN DRILL PIPE W/ SETTING TOOL-TRIP IN & 80CMPL

LAYDOWN DRILL COLLARS. RIG DOWN POWER SWIVEL & AUXILARY EQUIPMENT.

RIG UP TO RUN 2-3/8" TBG.

RIG UP ADAPTER FOR PERFORATING.

HOLD SAFETY MEETING WITH ALL PERSONNEL

SHUT IN CASING PRESSURE = 525 PSI

PREPARE FOR PERFORATING AND PICKING UP TUBING

RIG UP BLUE JET WIRE LINE

PERFORATE FRUITLAND COAL INTERVAL AS FOLLOWS:

3115' - 3125' 10' 40 HOLES 3'

3154' - 3157' 12 HOLES

3167' - 3175' 8' 32 HOLES

3178' - 3214' 36' 144 HOLES

228 HOLES WITH 3-1/8" GUNS, 4 JSPF, TOTAL OF 57' PICK UP 102 JTS OF 2-3/8", 4.7#, J-55, EUE 8 RD TUBING

TRIP IN THE HOLE AND LAND TUBING AS FOLLOWS:

00.00' - 12.00'

101 JTS TBG

12.00' - 3152.66'

F-NIPPLE (1.81")

3152.66' - 3153.51'

1 JT TBG

3153.51' - 3184.65'

EXPENDABLE CHECK 3184.65' - 3185.43'

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Operations Summary Report

Legal Well Name:

SAN JUAN 30-5 FRUITLAND CO 000266A

Common Well Name: SAN JUAN 30-5 FRUITLAND #266A UNIT

Event Name:

Original Completion

Start: 2/13/2003 Spud Date:

End:

3/20/2003

Contractor Name:

KEY FOUR CORNERS

Rig Release: 3/20/2003

Group:

Rig Name:

KEY ENERGY

Rig Number: 940

Sub Code Date From - To Code Hours Phase **Description of Operations** 3/20/2003 3.00 CM 15:30 - 18:30 80CMPL NIPPLE DOWN BOP EQUIPMENT, NIPPLE UP WELL HEAD 18:30 - 19:00 0.50 CM 80CMPL SECURE WELL, SHUT IN FOR THE NIGHT 3/21/2003 07:00 - 07:30 0.50 CM 80CMPL HOLD SAFETY MEETING WITH ALL PERSONNEL С 07:30 - 08:30 1.00 СМ 80CMPL RIG DOWN BLOOIE LINES 08:30 - 09:00 0.50 CM 80CMPL PULL BACK PRESSURE VALVE PUMP OUT CHECK WITH 1500 CFM AIR MIST, 6 BBLS WATER AT 09:00 - 10:00 1.00 CM 80CMPL 1100 PSI UNLOAD AND CIRCULATE WELL FLOW WELL TO PIT THROUGH BOTH TUBING AND ANNULAS TO 10:00 - 11:00 1.00 CM 80CMPL PURGE AIR FROM THE WELL BORE RIG DOWN SERVICE UNIT AND ALL RELATED EQUIPMENT 11:00 - 18:30 7.50 MV 80CMPL PREPARE FOR RIG MOVE TO THE SAN JUAN 30-5 #260 A ON 03/21/2003 RIG RELEASED AT 19:00 HRS 03/20/2003 18:30 - 19:00 0.50 CM 80CMPL SECURE WELL, SHUT IN FOR THE NIGHT