Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0137

			BUREAU	U OF L	AND	MANA	JEMEN	VT.					Expire	s: Novem	nber 30, 2000
	WELL (COMPL	ETION C	R RE	CON	/PLETI	ON R	EPOR	T AND	LOG		5.	Lease Serial NMSF0790		,
Ia. Type of	Well 🗖	Oil Well	⊠ Gas	Well	пЪ	ry \square	Other					6.	If Indian, Al	ottee or	r Tribe Name
	f Completion	$ \boxtimes N $	ew Well	□ Wor			Deepen	□ Pl	ug Back	□ Di	ff. Resv	π. 7.	7. Unit or CA Agreement Name and No.		
		Othe	r							_			NMNM994		
2. Name of CONO	Operator COPHILLIP	S COMP	ANY			Contact: I	DEBOR E-Mail: (AH MAF deborah	RBERRY .marberry	y@cono	cophill	ips.cam	Lease Name SJ 32 FED	and We	ell No. M 1A
3. Address 5525 HIGHWAY 64 FARMINGTON, NM 87401 3a. Phone No. (include area code) Ph: 832:486:2326													API Well No	30-04	45-31267-00-S1
4. Location	Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 7 T32N R9W Mer NMP). Field and P BASIN FR	ool, or	Exploratory
At surface NESE 1495FSL 945FEL 36.99611 N Lat, 107.81440 W Lon												1	I. Sec., T., R.	, M., or	Block and Survey 2N R9W Mer NMP
,	orod interval i	reported be	elow					JU 13	ن . ن ا	,1		12	2. County or	Parish	13. State
At total	•		116 B	-4- T.D.	D 1	<u> </u>	ر. مريخ <u>د د</u>	LIC D					SAN JUAN		NM D DT CD*
14. Date S ₁ 02/16/2				ate T.D. /18/200		nea f		D D O	ate Comple & A 5 /25/2003	Ready	to Prod		7. Elevations 68	10F, Ki 142 GL	
18. Total L	Depth:	MD TVD	3597		19. 1	Plug Back	T:D.:	MD TVD		3594	20). Depth	Bridge Plug S		MD TVD
	lectric & Oth	er Mechai	nical Logs R	un (Sub	mit co	py of each	1)	~ 4				l cored?	⊠ No	☐ Yes	(Submit analysis)
NÔNE											Vas DS	T run? nal Surve	⊠ No	Yes	s (Submit analysis) s (Submit analysis)
23. Casing a	nd Liner Rec	ord (Repo	rt all strings	s set in w	vell)								,, <u> </u>	<u> </u>	
				To		Bottom	Stage	Cement	er No.	of Sks.	& T	Slurry Vo	01.		
Hole Size	Size/G	rade	Wt. (#/ft.)	(MI))	(MD)		Depth	Туре	of Ceme	ent	(BBL)	Cement	lop*	Amount Pulled
					0										
					0										
12.250	1	25 H-40	32.0		0	22					135		32	0	
8.750	ļ	000 J-55	20.0		0	333					480	2	20	0	
6.250	5.5	500 J-55	16.0	- 3	3284	359	16				0		0	0	
24. Tubing	Record												l		J
	Depth Set (N	(D) P:	acker Depth	(MD)	Siz	e De	oth Set (MD)	Packer D	enth (M)	D)	Size	Depth Set (M	(D) T	Packer Depth (MD)
2.375		3345	zekei Deptii	(IVID)	512	De	pui bet (11110)	1 acker D	cpui (Mi	-	SIZC	Deptil Bet (IV	+	Tacker Depth (MD)
	ng Intervals					1 2	6. Perfo	ration Re	ecord			I			
Fo	ormation		Тор	Т	Bot	tom	Perforated Interval Size						No. Holes	T	Perf. Status
A) FF	RUITLAND (COAL	· ·	3380		3591			3380	TO 359	1	0.750	196	6 OPE	N
B)											T			†	
C)														1	···
D)															
	racture, Treat		nent Squeez	e, Etc.											
	Depth Interv								Amount a	nd Type	of Mat	erial			***************************************
	33	80 TO 35	591 CAVITA	TE.											
							_								
28. Product	ion - Interval	Α											**		
Date First	Test	Hours	Test	Oil			Water		Gravity	76	ias	Pro	duction Method		
Produced 04/08/2003	Date 03/22/2003	Tested 1	Production	BBL	N	ACF	BBL 0.5		rr. API	G	ravity		EI 0	MC FD	ONA WATELL
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	0.0 3220.0				s:Oil		Vell Statu		FLOWS FROM WELL		
Size	Flwg.	Press.	Rate	BBL		ИCF	Water BBL	Rat		ľ					
PITOT	si ction - Interva	425.0		0		77280	12	:		L	PG\	'V			
Date First	Test	Hours	Test	Oil	17	as	Water	Loa	Gravity	10	ias	I D-n	duction Method	CEPT	ED FOR KECUM
Produced	Date	Tested	Production	BBL		ACF	BBL		rr. API		ras Fravity		AUCTION INICTROU		
CLI	Tel -													MΑ	Y 2 9 2003
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL		Gas ACF	Water BBL	Ga: Rat	s:Oil tio	[v	Vell Statu	3			denting disking by a series.
	SI	1		1				1		- 1			₹.	armin	GTUN FIELD UFFIC

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #21028 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
*** BLM REVISED *** BLM REVISED *** BLM REVISED *** BLM REVISED ***

Produced Date Tested Production BBL MCF BBL Corr. API Gravity Choke Size Flwg. Press. Size Production - Interval D Date First Date Tested Date Tested Production BBL MCF BBL Gas Water BBL Gravity Total Choke Size Production - Interval D Date First Produced Date Tested Production BBL MCF BBL Gas Gravity Choke Tbg. Press. Csg. Press. Rate BBL MCF BBL Gas Water Gravity Choke Size Flwg. Press. Rate BBL MCF BBL Ratio Dil Gas Water Gas. Oil Gravity Choke Size Flwg. Press. Rate BBL MCF BBL Ratio Dil Gas Water Gas. Oil Well Status Dil Gas Gravity Production Method Gravity Production Method Gravity Dil Gas Gas. Oil Water Gas. Oil Well Status Dil Gas Gravity Dil Gas Gravity Production Method Gravity Production Method Gravity Dil Gas Gravity Production Method Gravity Production Method Gravity Dil Gas Gravity Production Method Gravity Production Method Gravity Dil Gas Gravity Production Method Gravity Production Method Gravity Dil Gas Gas Oil Gravity Production Method Gravity Production Method Gravity Production Method Gas. Oil Gravity Dil Gravity Production Method	28b. Prod	luction - Inter	val C										
Challe To The Part Size Press Part Part To The	Date First Produced										Production Method		
Size Fruit	1700000				•								
Discrimination Teach Production Discrimination	Choke Size	Flwg.							W	ell Status			
The desired base Teach Production of Cag Sal Nature 1910. Got May 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	28c. Proc	luction - Inter	val D		1	<u> </u>	!						
Programmery of Pronus Zones (Include Aquifers):											Production Method		
99. Disposition of Gas/Sold, used for fuel, vented, etc.) 30. Summary of Porous Zones (Include Aquifers): Show all important zones of possisty and contents thereof: Cored intervals and all drill-sterm tests, including depth interval tested, custions used, time tool open, flowing and shut-in pressures and recoveries. 31. Formation (Log) Markers Show all important zones of possisty and contents thereof: Cored intervals and all drill-sterm tests, including depth interval tested, custions used, time tool open, flowing and shut-in pressures and recoveries. 32. Additional remarks (include plugging and state of the gas and shut-in pressures and recoveries. 33. NAME Top Macs Depth		Flwg.							w	ell Status			
30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-istem tests, including depth interval tested, custions used, time tool open, flowing and shut-in pressures and recoveries. Formation Top Bottom Descriptions, Contents, etc. Name Top Meas. Depth Mess. Depth ANALOSE OJO ALAMO 1842 FRUITLAND 32.00 ALAMO 2050 2161 32. Additional remarks (include plugging procedure) This well is a single producing from the Basin Fruitland Coal. Attached is the daily summary and wellbare schematic with liner information. 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (I full set req'd.) 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: 34. Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #21028 Verified by the BLM Well Information System. For CONCOPHILIPS CONPANY, set to the Farmington Committed to AFMS for processing by Adrienne Garcia on \$52972003 (83AXC1244SE) Name (please print) DEBORAH MARBERRY 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 Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1012, make it a crime for any person knowingly and willfully to make to any department or agency Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1012, make it a crime for any person knowingly and willfully to make to any department or agency Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1012, make it a crime for any person knowingly and willfully to make to any department or agency			(Sold, used	for fuel, ver	ted, etc.)			1					
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Formation			s Zones (Ir	nclude Aquif	ers):					1 31. For	rmation (Log) Markers		
Formation Top Bottom Descriptions, Contents, etc. Name Meas. Depth Meas. Depth NaciMilento 797 2050 151	Show tests,	all important including dep	t zones of p	orosity and	contents ther				ures		(= 6)		
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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 #21028 Verified by the BLM Well Information System. For CONOCOPHILLIPS COMPANY, sent to the Farmington Committed to AFMSS for processing by Adrienne Garcia on 05/29/2003 (03AXG1244SE) Name (please print) DEBORAH MARBERRY Title SUBMITTING CONTACT Signature (Electronic Submission) Date 05/19/2003 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	NACIMIE OJO ALA 32. Addi This	tional remark	glè produc	797 2050	2050 2161 cedure): e Basin Fru	iitland Cc	oal. Attache	d is the daily		OJ KII FR	IO ALAMO RTLAND RUITLAND	562 1842 1907 3202	
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	Title 18	U.S.C. Section	n 1001 and	Title 43 U.S	S.C. Section	1212, mal	ke it a crime	for any person k	nowingly	and willfull	y to make to any departmen	nt or agency	

END OF WELL SCHEMATIC

ConocoPhillips

Well Name:	SAN JUAN 32 FED COM 7 #1A	Spud Date: _	16-Feb-03	TD Date: 18-Feb-03
API#:	30-045-31267	Spud Time:	03:30	Rig Release Date: 19-Feb-03
			1/16" Tree Ada	•
			1/16" 5M Tubing	
		9-5/8" 8 RD	x 11" 3M Casing	ı Head I
Confess Cost	D-44 40 F-4 00	ΓZI.		SurfaceCement
Surface Casi		X New		Date cmt'd: 16-Feb-03
Size Set at		Used		Lead : 135sx 50/50/Poz w/2% Gel 5#/sx
Wt.				Gilsonite, 3% CaCl2, 1/2 #/sx Flocele
Hole Size				<u>& .2% CFR-3 @ 13.5ppg & 1.32 cuft/sx</u> Displacement vol. & fluid.: 14.2 FW
Wash Out				Displacement vol. & fluid.: 14.2 FW Bumped Plug at: 1200 HRS
Est. T.O.C.		221 ft		Pressure Plug bumped: 260 PSI
		229 ft		Returns during job: YES
	_			CMT Returns to surface: 13 BBLS
Noti	ified BLM @ 1815 hrs			Floats Held: Yes No
	on 2/13/2003			W.O.C. for 9 hrs (plug bump to drig cmt)
Notified	NMOCD @ 1815 hrs			
	on <u>2/13/2003</u>			
Intermediate		X New		Intermediate Cement
Size		Used		Date cmt'd: 19-Feb-03
Set at Wt.				Lead : 380sx Class B Cmt w/3%
Hole Size				Econolite, 10 pps Gilsonite & 1/2 pps
Wash Out		1334 ft 4	H H	Flocele @ 11.4 ppg & 2.90 cu/ft/sx. Tail: 100 sx 50/50/B/Poz Cmt w/2%
	SURFACE TD of intermediate		• •	Gel, 2% CaCl2, 5 pps Gilsonite & 1/4
				pps Flocele @ 13.5 ppg & 1.33 cuft/sx
Noti	ified BLM @ 2000 hrs on 2/17/2	003		Displacement vol. & fluid.: 133 FW
Notified	NMOCD @ 2000 hrs on 2/17/2	003		Bumped Plug at: 1330
		— <i> </i>		Pressure Plug bumped: 1400
		_ 1	1 {	Returns during job: YES
Production L		X New	\	CMT Returns to surface: 27 BBLS
Size		Used		Floats Held: X YesNo
Blank Wt.	'' ·	}	1 1 1	
Grade)	\	
# Jnts: Hole Size		- 1		
Hole Size	5 0 1/4 III	/	\perp	
		1	\perp	
		/	[
		Į.	\	
		/		Liner Cement
)	1 /	UNCEMENTED LINER
	<u> </u>	BTD 3594'		
	<u>Liner</u> :	Shoe 3596'	4 1	
		TD	3,597ft	
COMMENTS:		·		
Surface:	NO FLOAT EQUIPMENT RAN. WELL SHU	IT.IN WITH 260 D	21	
	TO TEOM ENGIN MENT TO M. WELL OF	71-114 WITTI 200 FX	JI	
Intermediate:	MARKER JT @ 1845'. PBD 3279'.			
Production:	6 1/4" BIT & BIT SUB RUN ON BOTTOM J	OINT OF LINER.		
	TOP OF LINER @ 3284'. 50' OF 7" CASIN	IG OVERLAP.		
CENTRAL ISS	DO:			
CENTRALIZE Surface:	RS: 211', 138', 97', 55'.			
Januari.	211, 100, 31, 00.			Total: 4
Intermediate:	3324', 3250', 3209', 3127', 3045', 2963', 20	1'.		10tai
	TURBOLIZERS @ 1901', 1860', 1803'.			Total: 9

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED COM 7 # 1 000001A Common Well Name: SAN JUAN 32 FED 7 # 1A FRUITLAND COM

Start:

03/01/2003

Spud Date: 02/15/2003

Event Name:

Original Completion

End:

Contractor Name:

KEY FOUR CORNERS

Rig Release:

Group:

Rig Name:

KEY ENERGY

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
03/02/2003	07:00 - 07:15	1	M∨	С	70DMOB	SAFETY MEETING W/ALL PERSONNEL ON LOCATION.
	07:15 - 17:00	9.75	MV	1	70DMOB	MOVE KEY #29 TO WITHIN 3MI OF SJ 32 FED 7 COM #1A
						LOCATION. SPOTTED HALF OF EQUIPTMENT ON LOCATION. SD DUE TO WEATHER & ROAD CONDITIONS.
03/03/2003	07:00 - 11:00	4.00	MV	1	00MMIR	MOVE IN KEY #29 ON SJ 32 FED 7 COM #1A LOCATINN.
	11:00 - 11:30		СМ	C	80CMPL	SAFETY MEETING WALL PERSONNEL ON LOCATION.
	11:30 - 18:30	7.00	СМ	6	80CMPL	RU RIG FOR DAYLIGHT CAVITATION. SDFN.
03/04/2003	07:00 - 07:30	0.50	СМ	c	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION.
	07:30 - 18:30	11.00	Ł.	6	80CMPL	CONTINUE RIGGING UP FOR DAYLIGHT CAVITATION. SDFN.
03/05/2003	07:00 - 07:30		СМ	C	80CMPL	SAFETY MEETING.
	07:30 - 11:00	1	CM	6	80CMPL	FINISH RIGGING UP.
	11:00 - 12:00 12:00 - 13:30	1	CM CM	с 8	80CMPL	PERFORM RIG INSPECTION.
	12.00 - 13.30	1.50	CIVI	°	80CMPL	PRESSURE TEST BOTH SETS OF PIPE RAMS TO 3000PSI. TEST CSG & BLIND RAMS TO 250PSI- 3MIN, 650PSI- 30MIN & 1900PSI-
						10MIN. ALL DATA RECORDED ON A CHART AS PER NMOC
				ļ		REQUIREMENTS.
	13:30 - 18:00	4.50	СМ	2	80CMPL	MU 6 1/4" BUTTON BIT ON BOTTOM OF A 3 1/2" DC. PU 9- MORE
						COLLARS. STRAP IN HOLE PICKING UP 2 7/8" DP. TAG UP @ 3265'.
	18:00 - 18:30		СМ	z	80CMPL	PU OFF BOTTOM & SWIFN.
03/06/2003	08:00 - 08:15		СМ	C	80CMPL	HOLD SAFETY MEETING WITH ALL PERSONNEL
	08:15 - 09:00		CM	1	80CMPL	PICK UP POWER SWIVEL, TEST AIR LINES
	09:00 - 10:00	1.00	СМ	z	80CMPL	UNLOAD HOLE WITH 1800 CFM AIR, 10 BPH MIST, 2 GAL'S
	10:00 - 16:00	6.00	СМ	7	80CMPL	FOAMER & INHIBITOR MIST PUMP DOWN, WORK ON MIST PUMP, CHANGE VALVES AND
	10.00 - 10.00	0.00	Civi	'	OOCIVIF, E	CLEAN OUT
	16:00 - 18:00	2.00	CE	s	80CMPL	DRILL OUT CEMENT, FLOAT & SHOE JT. = 3265' - 3337'
	18:00 - 05:00	11.00	DR	1	80CMPL	DRILL OPEN HOLE F/3337' - T/3597' W/1800 CFM AIR, 10 BPH MIST,
			•			2 GAL'S FOAMER & INHIBITOR/20 BBLS WATER
						4-6K ON BIT, 70 RPM, 450 PSI
	05:00 - 06:00	1.00	DR	5	80CMPL	CIRCULATE ON BOTTOM & CORRELATE W/MUD LOGGERS
						COAL INTERVALS AS FOLLOWS:
						3381' - 3385' = 5', SEMI BRIGHT BLACK GLASSY, 327 UNITS GAS 3389' - 3392' = 3',
	}					3395' - 3398' = 3',
						3401' - 3405' = 5', FLAT BLACK DULL GLASSY, 324 UNITS GAS
						3409' - 3411' = 2',
						3413' - 3415' = 3', SEMI BRIGHT DULL GLASSY, 348 UNITS GAS
						3418' - 3425' = 8',
						3427' - 3430' = 3', DARK BROWN SUB PLATY POOR, 385 UNITS
						GAS
						3434' - 3436' = 2',
						3558' - 3560' = 3', SEMI BRIGHT FAIR CLEATING, 437 UNITS GAS 3563' - 3565' = 3',
		ì				3575' - 3578' = 4', SAME, 469 UNITS GAS
	1					3584' - 3588' = 5', SAME, 486 UNITS GAS
						49' TOTAL COALS
03/07/2003	06:00 - 06:15	0.25		С	80CMPL	HOLD SAFETY MEETING WITH ALL PERSONNEL
	06:15 - 08:30	2.25	СМ	1	80CMPL	CLEAN OUT, R&R WITH 1800 CFM AIR, 10 BPH MIST, 2 GAL'S
						FOAMER & INHIBITOR/20 BBLS WATER
:						RETURNS TO SURFACE = COAL AND FINES
						80% COAL, 20% SHALE 2 BUCKETS DOWN TO 1/2 BUCKET PER HOUR
	08:30 - 09:00	0.50	СМ	z	80CMPL	CIRCULATE WITH 1800 CFM AIR TO DRY UP WELL FOR FLOW
		5.50		[STATE OF WELL FOR PLOW
	1	I		I		

Operations Summary Report

Legal Well Name:

SAN JUAN 32 FED COM 7 # 1 000001A

Common Well Name: SAN JUAN 32 FED 7 # 1A FRUITLAND COM

Spud Date: 02/15/2003

Event Name:

Original Completion

Start: 03/01/2003 End:

Contractor Name:

KEY FOUR CORNERS

Rig Release:

Group:

Rig Name:

KEY ENERGY

Rig Number: 29

Date From - To Hours Code Subco Phase Description of Operations
09:00 - 09:45 0.75 CM 09:45 - 10:45 1.00 CM U 80CMPL 80CMPL FLOW TEST THROUGH 2" OPEN LINE & PITOT TUBE AS FOLLOWS: 15 IM = 645 , 14 S IM
09:45 - 10:45
Tourish
10:45 - 11:45 1.00 CM 1 80CMPL 15 MIN = 645 , 45 MIN = 645 , 1 HR = 752 SHUT IN PRESSURE TEST AS FOLLOWS: ISIP = 20# , 15 MIN = 220# , 30 MIN = 340# , 45 MIN = 420# , 1 HR = 460# 11:45 - 16:00 4.25 CM 1 80CMPL SURGE WELL #1, NATURAL, 520 PSI, NO COAL TO SURFACE #2, #3, #4 WITH 1200 PSI AIR/MIST, 2 GAL'S FOAMER & INHIBITOR/20 BBLS 5-6 BBLS FOAM PADS, RETURNS TO SURFACE = LIGHT COAL & FINES 16:00 - 16:30 16:30 - 19:00 2.50 CM 4 80CMPL 80CMPL R&R, C/O F/3551' - T/3597' (TD) WITH 1800 CFM AIR, 10 BPH MIST, 2 GAL'S FOAMER & INHIBITOR/20 BBLS RETURNS TO SURFACE = LIGHT COAL & FINES WITH NATURAL FROMATION GAS 2 BUCKETS PER HOUR OFF SAMPLE CATCHER 19:00 - 19:15 10.75 CM 1 80CMPL 80CMPL R&R, C/O F/3551' - T/3597' (TD) WITH 1800 CFM AIR, 10 BPH MIST, 2 GAL'S FOAMER & INHIBITOR/20 BBLS RETURNS TO SURFACE = LIGHT COAL & FINES WITH NATURAL FROMATION GAS 2 BUCKETS PER HOUR OFF SAMPLE CATCHER HOLD SAFETY MEETING WITH ALL PERSONNEL R&R, C/O F/3551' - T/3597' (TD) WITH 1800 CFM AIR, 10 BPH MIST, 2 GAL'S FOAMER & INHIBITOR/20 BBLS RETURNS TO SURFACE = LIGHT COAL & FINES WITH NATURAL
10:45 - 11:45
11:45 - 16:00
11:45 - 16:00
#2, #3, #4 WITH 1200 PSI AIR/MIST, 2 GAL'S FOAMER & INHIBITOR/20 BBLS 5-6 BBLS FOAM PADS, RETURNS TO SURFACE = LIGHT COAL & FINES 16:30 - 19:00 16:30 - 19:00 10:30 - 19:15 19:00 - 19:15 19:15 - 06:00 10:75 10:7
16:00 - 16:30
16:00 - 16:30
16:30 - 19:00
GAL'S FOAMER & INHIBITOR/20 BBLS RETURNS TO SURFACE = LIGHT COAL & FINES WITH NATURAL FROMATION GAS 2 BUCKETS PER HOUR OFF SAMPLE CATCHER HOLD SAFETY MEETING WITH ALL PERSONNEL 19:15 - 06:00 10.75 CM 1 80CMPL R&R, C/O F/3551' - T/3597' (TD) WITH 1800 CFM AIR, 10 BPH MIST, 2 GAL'S FOAMER & INHIBITOR/20 BBLS RETURNS TO SURFACE = LIGHT COAL & FINES WITH NATURAL
RETURNS TO SURFACE = LIGHT COAL & FINES WITH NATURAL FROMATION GAS 19:00 - 19:15
19:00 - 19:15 0.25 CM c 80CMPL 80CMPL HOLD SAFETY MEETING WITH ALL PERSONNEL R&R, C/O F/3551' - T/3597' (TD) WITH 1800 CFM AIR, 10 BPH MIST, 2 GAL'S FOAMER & INHIBITOR/20 BBLS RETURNS TO SURFACE = LIGHT COAL & FINES WITH NATURAL
19:00 - 19:15
19:15 - 06:00 10.75 CM 1 80CMPL R&R, C/O F/3551' - T/3597' (TD) WITH 1800 CFM AIR, 10 BPH MIST, 2 GAL'S FOAMER & INHIBITOR/20 BBLS RETURNS TO SURFACE = LIGHT COAL & FINES WITH NATURAL
GAL'S FOAMER & INHIBITOR/20 BBLS RETURNS TO SURFACE = LIGHT COAL & FINES WITH NATURAL
2 BUCKETS DOWN TO 1/2 BUCKET PER HOUR OFF SAMPLE
CATCHER
03/08/2003 06:00 - 06:15 0.25 CM c 80CMPL HOLD SAFETY MEETING WITH ALL PERSONNEL 80CMPL R&R. C/O TO 3597' (TD) WITH 1800 CFM AIR 10 BPH MIST 2 GAL'S
06:15 - 07:15 1.00 CM 1 80CMPL R&R, C/O TO 3597' (TD) WITH 1800 CFM AIR, 10 BPH MIST, 2 GAL'S FOAMER & INHIBITOR/20 BBLS
RETURNS TO SURFACE = MED COAL & FINES
1/2 BUCKET PER HOUR, DOWN FROM 4 BUCKETS PER HOUR OFF
SAMPLE CATCHER 95% COAL, 5% SHALE
07:15 - 07:45 0.50 CM 4 80CMPL POOH TO 7" SHOE AT 3318', RIG UP TO SURGE WELL
07:45 - 11:30 3.75 CM 1 80CMPL SURGE WELL #5, #6, #7 WITH AIR ASSIST, 2 GAL'S FOAMER &
INHIBITOR/20 BBLS
5-6 BBL FOAM PADS, 1100 PSI, RETURNS TO SURFACE = MED COALS & FINES
11:30 - 15:00 3.50 CM 1 80CMPL R&R, C/O AT 3318' WITH 1800 CFM AIR, 10 BPH MIST, 2 GAL'S
FOAMER & INHIBITOR/20 BBLS
RETURNS TO SURFACE = HEAVY COAL & FINES W / NATURAL FORMATION GAS
4 DOWN TO 1/2 BUCKETS PER HOUR OFF SAMPLE CATCHER
95% COAL, 5% SHALE
15:00 - 15:30 0.50 CM 4 80CMPL RIH FROM 7" SHOE, TAG FILL AT 3348'
15:30 - 19:00 3.50 CM 1 80CMPL R&R, C/O AT 3348' WITH 1800 CFM AIR, 10 BPH MIST, 2 GAL'S
FOAMER & INHIBITOR/20 BBLS RETURNS TO SURFACE = MED COAL & FINES W / NATURAL
FORMATION GAS
2-3 BUCKETS PER HOUR OFF SAMPLE CATCHER
95% COAL, 5% SHALE 19:00 - 19:15 0.25 CM c 80CMPL HOLD SAFETY MEETING WITH ALL PERSONNEL
19:00 - 19:15 0.25 CM c 80CMPL HOLD SAFETY MEETING WITH ALL PERSONNEL 19:15 - 06:00 10.75 CM 1 80CMPL R&R, C/O F/3348' - T/3597' (TD) WITH 1800 CFM AIR, 10 BPH MIST, 2
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Operations Summary Report

Legal Well Name: SAN JUAN 32 FED COM 7 # 1 000001A Common Well Name: SAN JUAN 32 FED 7 # 1A FRUITLAND COM

Event Name:

Original Completion

Start:

03/01/2003

Spud Date: 02/15/2003

Contractor Name:

KEY FOUR CORNERS

Rig Release:

End: Group:

Rig Name:

KEY ENERGY

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
03/08/2003	19:15 - 06:00	10.75	СМ	1	80CMPL	GAL'S FOAMER & INHIBITOR/20 BBLS RETURNS TO SURFACE = MED TO HEAVY COAL & FINES W / NATURAL FORMATION GAS 95% COAL, 5% SHALE
03/09/2003	06:00 - 06:15 06:15 - 10:15	1	CM CM	c 1	80CMPL 80CMPL	HOLD SAFETY MEETING WITH ALL PERSONNEL R&R, C/O TO 3597' (TD) WITH 1800 CFM AIR, 10 BPH MIST, 2 GAL'S FOAMER & INHIBITOR/20 BBLS RETURNS TO SURFACE = MED COAL & FINES W / NATURAL
	10:15 - 10:45	0.50	CM		0001451	FORMATION GAS 3 DOWN TO 1/2 BUCKETS PER HOUR OFF SAMPLE CATCHER 95% COAL, 5% SHALE
	10.15 - 10.45	0.50	CM	4	80CMPL	POOH TO 7" SHOE AT 3318' WITH BHA, PERPARE TO SURGE WELL
	10:45 - 13:45	3.00	СМ	1	80CMPL	SURGE WELL #8, #9, #10 WITH AIR ASSIST, 10 BPH MIST, 2 GAL'S FOAMER & INHIBITOR/20 BBLS 5-6 BBL FOAM PADS, 1100 PSI, RETURNS TO SURFACE = MED
	13:45 - 15:00	1.25	СМ	1	80CMPL	COAL & FINES R&R, C/O AT 3318' WITH 1800 CFM AIR, 10 BPH MIST, 2 GAL'S FOAMER & INHIBITOR/20 BBLS
	/					RETURNS TO SURFACE = HEAVY COAL & FINES W / NATURAL FORMATION GAS
						4 DOWN TO 1/2 BUCKETS PER HOUR OFF SAMPLE CATCHER 95% COAL, 5% SHALE
	15:00 - 15:15 15:15 - 16:30	0.25	CM CM	4	80CMPL 80CMPL	RIH WITH 1 JOINT TO 3349' TAG FILL
ļ	13.13 - 10.30	1.23	Civi	. r	BUCIMPL	R&R, C/O TO 3348' WITH 1800 CFM AIR, 10 BPH MIST, 2 GAL'S FOAMER & INHIBITOR/20 BBLS RETURNS TO SURFACE = HEAVY COAL & FINES W / NATURAL FORMATION GAS
						4 BUCKETS PER HOUR OFF SAMPLE CATCHER 95% COAL, 5% SHALE
	16:30 - 16:45	0.25	СМ	4	80CMPL	STARTED TO GET TIGHT, COALS RUNNING POOH 1 JOINT TO 3318'
	16:45 - 19:00	2.25	СМ	1	80CMPL	R&R, C/O AT 3318' WITH 1800 CFM AIR, 10 BPH MIST, 2 GAL'S FOAMER & INHIBITOR/20 BBLS
						RETURNS TO SURFACE = HEAVY COALS & FINES W / NATURAL FORMATION GAS 3 - 4 BUCKETS PER HOUR OFF SAMPLE CATCHER
						95% COAL, 5% SHALE
	19:00 - 19:15 19:15 - 06:00	0.25 10.75		C 1	80CMPL 80CMPL	HOLD SAFETY MEETING WITH ALL PERSONNEL R&R, C/O F/3318' - T/3565' WITH 1800 CFM AIR, 10 BPH MIST, 2
						GAL'S FOAMER & INHIBITOR/20 BBLS RETURNS TO SURFACE = HEAVY COALS & FINES W / NATURAL
						FORMATION GAS
						3 - 4 BUCKETS PER HOUR OFF SAMPLE CATCHER 95% COAL, 5% SHALE
03/10/2003	06:00 - 06:15	0.25		С	80CMPL	HOLD SAFETY MEETING WITH ALL PERSONNEL
	06:15 - 13:30	7.25	СМ	1	80CMPL	R&R, C/O F/3565' - T/3597' (TD) WITH 1800 CFM AIR, 10 BPH MIST, 2 GAL'S FOAMER & INHIBITOR/20 BBLS
						RETURNS TO SURFACE = HEAVY COAL & FINES W / NATURAL FORMATION GAS 4 DOWN TO 1/2 BUCKETS PER HIUR OFF SAMPLE CATCHER
	13:30 - 14:00	0.50	CM	_	90CMPI	95% COAL, 5% SHALE
	13.30 - 14:00	0.50	CM	Z	80CMPL	CIRCULATE WITH 1800 CFM AIR TO DRY UP HOLE FOR FLOW
L				Ll		

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED COM 7 # 1 000001A Common Well Name: SAN JUAN 32 FED 7 # 1A FRUITLAND COM

Spud Date: 02/15/2003

Event Name:

Original Completion

03/01/2003 Start:

End:

Contractor Name:

KEY FOUR CORNERS

Rig Release:

Group:

Rig Name:

KEY ENERGY

Rig Name:		CI CIVI		general Justician er	•	Rig Number. 29
Date	From - To	Hours	Code	Subco	Phase	Description of Operations
03/10/2003	13:30 - 14:00	0.50		z	80CMPL	TEST
	14:00 - 14:30	0.50	СМ	4	80CMPL	POOH HOLE TO 7" SHOE AT 3318' WITH BHA, PREPARE TO FLOW
	14:30 - 15:30	1.00	СМ	u	80CMPL	TEST WELL FLOW TEST WELL THROUGH OPEN 2" AND PITOT TUBE AS
	14.00	1.00				FOLLOWS:
						15 MIN = 1236 MCFD, 30 MIN = 1374 MCFD, 45 MIN = 1374 MCFD, 1
	15:30 - 16:30	1.00	СМ	t	80CMPL	HR = 1374 MCFD SHUT IN PRESSURE TEST AS FOLLOWS:
	15.30 - 16.30	1.00	CIVI	1	OUCIVIFL	ISIP = 40 PSI, 15 MIN = 210 PSI, 30 MIN = 320 PSI, 45 MIN = 375 PSI, 1
						HR = 425 PSI
	16:30 - 19:00	2.50	СМ	1	80CMPL	SURGE WELL #11, #12, #13 WITH AIR ASSIST, 10 BPH MIST, 2
						GAL'S FOAMER & INHIBITOR/20 BBLS 5-6 BBL FOAM PADS, 1100 PSI, RETURNS TO SURFACE = MED TO
						HEAVY COALS
	19:00 - 19:15	0.25	СМ	С	80CMPL	HOLD SAFETY MEETING WITH ALL PERSONNEL
	19:15 - 23:00	3.75	СМ	1	80CMPL	R&R, C/O F/3318' - T/3442' WITH 1800 CFM AIR, 10 BPH MIST, 2
						GAL'S FOAMER & INHIBITOR/20 BBLS RETURNS TO SURFACE = HEAVY COAL & FINES W / NATURAL
						FORMATION GAS
						4 - 6 BUCKETS PER HOUR OFF SAMPLE CATCHER
						95% COAL, 5 % SHALE
	23:00 - 23:15	0.25	СМ	4	80CMPL	STARTED TO GET TIGHT, COALS RUNNING POOH 2 JOINTS TO 3380'
	23:15 - 06:00	1	CM	1	80CMPL	R&R, C/O F/3380' - T/3504' WITH 1800 CFM AIR, 10 BPH MIST, 2
						GAL'S FOAMER & INHIBITOR/20 BBLS
				1		RETURNS TO SURFACE = HEAVY COAL & FINES W / NATURAL
						FORMATION GAS 3 - 6 BUCKETS PER HOUR FROM SAMPLE CATCHER
						95% COAL, 5% SHALE (FINES TO 1" DIA IN SIZE)
03/11/2003	06:00 - 06:15	0.25		С	80CMPL	HOLD SAFETY MEETING WITH ALL PERSONNEL
	06:15 - 19:00	12.75	CM	1	80CMPL	R&R, C/O F/3504' - T/3580' WITH 1800 CFM AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR/20 BBLS
				1		RETURNS TO SURFACE = HEAVY COAL & FINES W / NATURAL
						FORMATION GAS
						6 DOWN TO 2 BUCKETS PER HOUR OFF SAMPLE CATCHER
	19:00 - 19:15	0.25	СМ	С	80CMPL	95% COAL, 5% SHALE (FINES TO 1" DIA IN SIZE) HOLD SAFETY MEETING WITH ALL PERSONNEL
	19:15 - 06:00	10.75	_	1	80CMPL	R&R, C/O F/3580' - T/3597' (TD) WITH 1800 CFM AIR, 12 - 14 BPH
						MIST, 2 GAL'S FOAMER & INHIBITOR/20 BBLS
						RETURNS TO SURFACE = HEAVY COAL & FINES W / NATURAL
						FORMATION GAS 4 DOWN TO 1 BUCKETS PER HOUR OFF SAMPLE CATCHER
						95% COAL, 5% SHALE
03/12/2003	06:00 - 06:15	0.25	СМ	С	80CMPL	HOLD SAFETY MEETING WITH ALL PERSONNEL
	06:15 - 10:00	3.75	СМ	1	80CMPL	R&R, C/O TO 3597' (TD) WITH 1800 CFM AIR, 10 BPH MIST, 1 GAL
						FOAMER & INHIBITOR/20 BBLS RETURNS TO SURFACE = HEAVY TO MED COAL & FINES W /
						NATURAL FORMATION GAS
						3 DOWN TO 1/2 BUCKET PER HOUR OFF SAMPLE CATCHER
	10.00 10.00	0.50	CM		0005451	95% COAL, 5% SHALE
	10:00 - 10:30 10:30 - 13:30	l .	CM CM	4	80CMPL 80CMPL	POOH TO 7" SHOE AT 3318' W/BHA, PREPARE TO SURGE WELL SURGE WELL #14, #15, #16 WITH AIR ASSIST, 10 BPH MIST 1 GAL
	10.50 - 15.50	3.00	J OIW		JOONEL	FOAMER & INHIBITOR/20 BBLS
L			<u></u>	1		

Operations Summary Report

Legal Well Name:

SAN JUAN 32 FED COM 7 # 1 (

000001A

Common Well Name: SAN JUAN 32 FED 7 # 1A FRUITLAND COM

Spud Date: 02/15/2003

Event Name:

Original Completion

Start: 03/01/2003

End:

Contractor Name:

KEY FOUR CORNERS

Rig Release:

Group:

Rig Name:

KEY ENERGY

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
03/12/2003	10:30 - 13:30	3.00	СМ	1	80CMPL	5-6 BBLS FOAM PADS, 1100 PSI
	13:30 - 15:00	1.50	СМ	1	80CMPL	RETURNS TO SURFACE = MED TO HEAVY COAL & FINES R&R, C/O AT 3318' WITH 1800 CFM AIR, 10 BPH MIST, 1 GAL
						FOAMER & INHIBITOR/20 BBLS
						RETURNS TO SURFACE = HEAVY TO MED COAL & FINES W /
						NATURAL FORMATION GAS 4 DOWN TO 1 BUCKET PER HOUR OFF SAMPLE CATCHER
						95% COAL, 5% SHALE, (FINES TO 1/2" DIA)
	15:00 - 15:30 15:30 - 19:00	1	CM CM	1	80CMPL 80CMPL	RIH FROM 7" SHOE, TAG FILL AT 3380'
	15.50 - 19.00	3.30	Civi	'	OUCIVIPL	R&R, C/O F/3380' - T/3402' WITH 1800 CFM AIR, 10 BPH MIST, 1 GAL FOAMER & INHIBITOR/20 BBLS
						RETURNS TO SURFACE = HEAVY TO MED COAL & FINES W /
						NATURAL FORMATION GAS 3 - 4 BUCKETS PER HOUR OFF SAMPLE CATCHER
						95% COAL, 5% SHALE, (FINES TO 1/2" DIA)
	19:00 - 19:15	1	СМ	С	80CMPL	HOLD SAFETY MEETING WITH ALL PERSONNEL
	19:15 - 06:00	10.75	СМ	1	80CMPL	R&R, C/O F/3402' - T/3535' WITH 1800 CFM AIR, 10 BPH MIST, 1 GAL FOAMER & INHIBITOR/20 BBLS
						RETURNS TO SURFACE = HEAVY COAL & FINES W / NATURAL FORMATION GAS
						4 - 6 BUCKETS PER HOUR OFF SAMPLE CATCHER
2214212222						90 - 95% COAL, 5 - 10% SHALE, (FINES TO 1/2" DIA)
03/13/2003	06:00 - 07:00	1.00	СМ	1	80CMPL	R&R C/O COAL FR 3504'- 3535' W/1800CFM AIR & 15BPH MIST W/1/2GAL SOAP+INHIBITOR, CIRCULATING PRESSURE - 400PSI
		:				RETURNS OF MED-SML COAL CHIPS & FINES. 1 1/2 BKTS PR/HR
	07.00 07.00		2.4		222151	FR SAMPLE CATCHER. 90-95% COAL & 5- 10% SAND & SHALE.
·	07:00 - 07:30 07:30 - 11:30		CM	C 1	80CMPL 80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION. R&R C/O COAL FR 3535'-65' W/1800CFM AIR & 15BPH MIST
				'	000	W/1/2GAL SOAP+INHIBITOR. CIRCULATING PRESSURE - 400PSI.
						RETURNS OF SML COAL CHIPS & HVY FINES. 4 DN TO 2BKTS
						PR/HR FR SAMPLE CATCHER. 90-95% COAL, 5- 10% SAND & SHALE.
	11:30 - 19:00	7.50	СМ	1	80CMPL	R&R C/O RUNNING COAL FR 3565'- 97'(TD) W/1800CFM AIR-MIST.
	ŀ					RETURNS OF MED TO SML COAL CHIPS & HVY FINES. 6-DN TO
						4BKTS PR/HR FR SAMPLE CATCHER. 90- 95% COAL, 5- 10% SAND & SHALE.
	19:00 - 19:15	0.25	СМ	c	80CMPL	SAFETY MEETING WIALL PERSONNEL ON LOCATION.
	19:15 - 06:00	10.75	СМ	1	80CMPL	R& R C/O COAL FR 3565'- 97' W/1800CFM AIR & 15BPH MIST
						W/1/2GAL SOAP+INHIBITOR. CIRCULATING PRESSURE - 375PSI TO 400PSI. RETURNS OF SML COAL CHIPS & HVY- MED COAL
						FINES. 4 DN TO 1 1/2BKT PR/HR BY MORNING. 90- 95% COAL, 5-
	Í					10% SAND & SHALE.
03/14/2003	06:00 - 07:00	1.00	СМ	1	80CMPL	R&R C/O FR 3565'- 97' W/1800CFM AIR-MIST. RETURNS OF LT
						COAL FINES. 1BKT PR/HR FR SAMPLE CATCHER. 90- 95% COAL, 5- 10% SAND & SHALE.
	07:00 - 07:30	0.50	l	С	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION.
	07:30 - 08:15	0.75	СМ	2	80CMPL	PULL UP INSIDE 7" CSG SHOE TO 3318' LAYING DN 9-JTS OF 2 7/8" DP.
	08:15 - 09:15	1.00	СМ	u	80CMPL	CONDUCT FLOW TEST OUT 2" W/PITOT. 15MIN- 1.41MMCFD, 30MIN- 1.68MMCFD, 45MIN 1.87MMCFD, 60MIN 1.87MMCFD.
	09:15 - 10:15	1.00	СМ	t	80CMPL	SI WELL FOR BUILD UP. 15MIN- 250PSI, 30MIN- 310PSI, 45MIN- 360PSI, 60MIN- 385PSI.
	10:15 - 14:30	4.25	СМ	1	80CMPL	PERFORM AIR ASSIST SURGES #19, #20 & # 21 USING 1-
						,

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED COM 7 # 1 000001A Common Well Name: SAN JUAN 32 FED 7 # 1A FRUITLAND COM

Event Name:

Original Completion

03/01/2003 Start:

Spud Date: 02/15/2003 End:

Contractor Name:

KEY FOUR CORNERS

Rig Release:

Group:

Rig Name:

KEY ENERGY

Rig Name:	·	KEY EN	EKGY			Rig Number: 29
Date	From - To	Hours	Code	Subco	Phase	Description of Operations
03/14/2003	10:15 - 14:30	4.25	СМ	1	80CMPL	COMPRESSOR TO BUILD UP TO 1000PSI EACH TIME. PUMPED 2-5BBL H2O PADS DURING EACH BUILD UP. RETURNS OF HEAVY COAL DUST, FINES & SOME COAL CHIPS FR 1/4"- 1/2" IN SIZE.
	14:30 - 15:15	0.75	СМ	1	80CMPL	R&R C/O COAL FR 3318'- 3348' W/1800CFM AIR MIST. RETURNS OF HVY FINES CLEANING UP FAIRLY QUICKLY.
	15:15 - 15:30	0.25	СМ	2	80CMPL	TIH PICKING UP DP. TAG FILL @ 3380'(217' FILL).
	15:30 - 19:00	3.50	СМ	1	80CMPL	BREAK CIRCULATION W/AIR MIST. R&R C/O COAL FILL FR 3380'- 3405' W/1800CFM AIR & 12BPH MIST. RETURNS OF LT- MED COAL CHIPS W/HVY FINES. 6 DN TO 2BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	19:00 - 19:15	0.25	СМ	С	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION.
	19:15 - 06:00	10.75	СМ	1	80CMPL	R&R C/O COAL FR 3405'- 3504' W/1800CFM AIR, 12BPH MIST(NO ADDITIONAL SOAP). CIRCULATING PRESSURE - 375 TO 400PSI. RETURNS OF MED- LT COAL CHIPS W/HVY FINES. 5 DN TO 3BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE. MADE 3- DP CONNECTIONS.
03/15/2003	06:00 - 07:00	1.00	СМ	1	80CMPL	R&R C/O FR 3473'- 3504' W/1800CFM AIR-MIST. CIRCULATING PRESSURE 375PSI- 400PSI. RETURNS OF LT COAL CHIPS W/ MED FINES. 2 DN TO 1 BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	07:00 - 07:30	0.50	l	С	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION.
	07:30 - 10:15	2.75	CM	1	80CMPL	R&R C/O FR 3504'-97'(TD) W/1800CFM AIR & 15BPH MIST. RETURNS OF MED- LT COAL CHIPS W/ HVY- MED COAL FINES. 3 DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	10:15 - 10:45	0.50	F	2	80CMPL	PULL UP INSIDE 7" CSG SHOE TO 3318'.
	10:45 - 14:30	3.75		1	80CMPL	PERFORM AIR ASSIST SURGES #22,#23 & #24 USING 1 COMPRESSOR PRESSURING UP TO 1000PSI EACH TIME. PUMPED 2- 5BBL H2O PADS DURING EACH BUILD UP. RETURNS OF LT COAL CHIPS & MED FINES.
	14:30 - 15:00	0.50	l	2	80CMPL	TIH PICKING UP DP. TAG FILL @ 3395'.
	15:00 - 19:00	4.00		1	80CMPL	R&R C/O FR3395'- 3405' W/1800CFM AIR & 15BPH MIST. CIRCULATING PRESSURE - 400PSI. RETURNS OF HVY- MED COAL CHIPS & HVY FINES. 5 DN TO 2BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	19:00 - 19:15	0.25		C	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION.
	19:15 - 02:45	7.50	СМ	1	80CMPL	R&R C/O COAL FR 3405'- 3436' W/1800CFM AIR-MIST. RETURNS OF MED COAL CHIPS W/HVY FINES. 4 DN TO 1BKT PR/HR 95% COAL, 5% SAND & SHALE.
	02:45 - 04:45	2.00	СМ	1	80CMPL	R&R C/O FR 3436'- 3535' W1800CFM AIR-MIST. RETURNS OF LT- COAL CHIPS W/ MED COAL FINES. 2 DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	04:45 - 06:00	1.25	СМ	1	80CMPL	R&R C/O FR 3535'- 3573' W/1800CFM AIR- MIST. CIRCULATING PRESSURE - 375PSI. RETURNS OF LT- MED COAL CHIPS W/ HVY FINES. 4 DN TO 2BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
03/16/2003	06:00 - 07:00	1.00	СМ	1	80CMPL	R&R C/O FR 3573'- 3597' W/1800CFM AIR-MIST. CIRCULATING PRESSURE - 375PSI. RETURNS OF LT COAL CHIPS, HVY-MED COAL FINES. 3BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	07:00 - 07:30	0.50		С	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION. RIG SERVICE.
	07:30 - 10:45	3.25	СМ	1	80CMPL	R&R C/O COAL FR 3573'- 3597' W/1800CFM AIR-MIST. RETURNS

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED COM 7 # 1 000001A Common Well Name: SAN JUAN 32 FED 7 # 1A FRUITLAND COM

Event Name:

Original Completion

Start:

03/01/2003

Spud Date: 02/15/2003

Rig Release:

End:

Contractor Name:

KEY FOUR CORNERS

Group:

Rig Name:

KEY ENERGY

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Date	From - To	Hours	Code	Subco	Phase	Description of Operations
03/16/2003	07:30 - 10:45	3.25	СМ	1	80CMPL	OF LT- COAL CHIPS, MED COAL FINES. 3 DN TO 1BKT PR/HR FR
	40.45 44.00	0.05	014		0001401	SAMPLE CATCHER. 95% COAL, 5%SAND & SHALE.
	10:45 - 11:00	1	CM CM	2	80CMPL	PULL UP INSIDE 7" CSG SHOE TO 3318'.
	11:00 - 15:00	4.00	CM	'	80CMPL	PERFORM AIR ASSIST SURGES #25, #26 & #27 USING 1- COMPRESSOR PRESSURING UP TO 1000PSI EACH TIME, PUMPED
						2- 5BBL H2O PADS DURING EACH BUILD UP. RETURNS OF HVY
						DUST, HVY COAL FINES & 1/4"- 3/4" SIZE COAL CHIPS.
	15:00 - 16:30	1.50	СМ	1	80CMPL	R&R C/O COAL INSIDE CSG # 3318' W/1800CFM AIR-MIST.
						RETURNS OF HVY COAL FINES CLEANING UP TO LT- FINES.
	16:30 - 16:45	0.25	СМ	2	80CMPL	TIH & TAG COAL FILL @ 3385'.
	16:45 - 19:00	2.25	СМ	1	80CMPL	R&R C/O RUNNING COAL FR 3385'- 95' W/1800CFM AIR, 15BPH
						MIST W/NO ADDITIONAL SOAP. CIRCULATING PRESSURE- 400PSI-
}		ł	ł			500PSI. RETURNS OF HVY COAL CHIPS & HVY FINES. 8 BKTS
	1					PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	19:00 - 19:15	0.25		C	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION.
	19:15 - 06:00	10.75	СМ	1	80CMPL	R&R C/O RUNNING COAL FR 3385'- 95' W/1800CFM AIR-MIST.
						CIRCULATING PRESSURE - 400PSI- 500PSI. RETURNS OF HVY COAL CHIPS 1/8"- 1/2" IN SIZE & HVY FINES. 8 DN TO 6BKTS PR/HR
						BY MORNING FR SAMPLE CATCHER. 95% COAL, 5% SAND &
				•		SHALE.
03/17/2003	06:00 - 07:00	1.00	СМ	1	80CMPL	R&R C/O RUNNING COAL FR 3385'-95' W/1800CFM AIR, 15BPH
						MIST W/NO ADDITIONAL SOAP. CIRCULATING PRESSURE -
1						400PSI. RETURNS OF COAL CHIPS 1/8"- 1/2" IN SIZE, HVY FINES.
			1			6BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND &
			1	i		SHALE.
	07:00 - 07:30	0.50	СМ	C	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION. RIG
	07:30 - 19:00	11.50	CM	1	80CMPL	SERVICE.
	07.30 - 19.00	11.50	CIVI	'	OUCIVIEL	R&R C/O RUNNING COAL FR 3385'- 3405' W/1800CFM AIR-MIST. CIRCULATING PRESSURE - 375PSI- 400PSI. RETURNS OF CHIPS
						1/8"- 1/2" IN SIZE W/HVY FINES. 6 DN TO 3BKTS PR/HR FR SAMPLE
1			ļ			CATCHER. 95% COAL, 5% SAND & SHALE.
	19:00 - 19:15	0.25	СМ	С	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION.
	19:15 - 01:00	5.75	СМ	1	80CMPL	R&R C/O COAL FR 3385'- 3405' W/1800CFM AIR-MIST.
	•					CIRCULATING PRESSURE- 375PSI. RETURNS OF COAL CHIPS,
ł	1					HVY- MED FINES. 3 DN TO 1BKT PR/HR FR SAMPLE CATCHER.
						95% COAL, 5% SAND & SHALE.
	01:00 - 06:00	5.00	СМ	1	80CMPL	R&R C/O RUNNING COAL FR 3405'- 3436' W/1800CFM AIR-MIST.
					!	CHIRCULATING PRESSURE - 375PSI. RETURNS OF MED. COAL
						CHIPS & HVY FINES. 5 DN TO 3BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	_		СМ	1	80CMPL	30% OCAL, 3% SAIND & STALE.
	-		CM	1	80CMPL	
03/18/2003	06:00 - 07:00	1.00	1	1	80CMPL	R&R C/O COAL FR 3405'- 3436' W/1800CFM AIR-MIST. NO
						ADDITIONAL SOAP. CIRCULATING PRESSURE - 375PSI. RETURNS
				1		OF LT COAL CHIPS, HVY- MOD COAL FINES. 3 DN TO 2BKTS PR/HR
1						FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	07:00 - 07:30	0.50	СМ	С	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION. RIG
	07.20 00.00	4.50	CNA	1.	000451	SERVICE.
	07:30 - 09:00	1.50	СМ	1	80CMPL	R&R C/O COAL FR 3405'- 36' W/1800CFM AIR-MIST. RETURNS OF
						LT- COAL CHIPS, MOD- LT COAL FINES. 2DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	09:00 - 12:00	3.00	СМ	1	80CMPL	R&R C/O RUNNING COAL FR 3436'- 3467' W/1800CFM AIR-MIST.
	12.00	0.00	J	1	2001/11 [CIRCULATING PRESSURE - 375PSI. RETURNS OF MOD COAL
						THE THE STATE OF T
<u> </u>	1		L			

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED COM 7 # 1 000001A Common Well Name: SAN JUAN 32 FED 7 # 1A FRUITLAND COM

Spud Date: 02/15/2003

Event Name:

Original Completion

Start: 03/01/2003 End:

Contractor Name:

KEY FOUR CORNERS

Rig Release:

Group:

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KEY ENERGY

Rig Name.	e wassen / 0 coas about por PC 10,000 a 200 barro	NET EIN	これび!	100111-00000000000000000000000000000000	o E13. Secondo e13.	Rig Number: 29
Date	From - To	Hours	Code	Subco	Phase	Description of Operations
03/18/2003	09:00 - 12:00	3.00	СМ	1	80CMPL	CHIPS W/HVY FINES 5BKTS PR/HR FR SAMPLE CATCHER. 95%
	12:00 - 19:00	7.00	СМ	1	80CMPL	COAL, 5% SAND & SHALE. R&R C/O COAL FR 3436'- 67' W/1400CFM AIR-MIST.CIRCULATING
-						PRESSURE - 250PSI. RETURNS OF MOD COAL CHIPS W/HVY
				ļ		FINES. 5DN TO 3BKTS PR/HR FR SAMPLE CATCHER. 95% COAL,
						5% SAND & SHALE. @ NOON, SHUT DN 1- COMPRESSOR. ORDER PARTS.
•	19:00 - 19:15		СМ	1	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION.
	19:15 - 06:00	10.75	СМ	1	80CMPL	R&R C/O COAL FR 3436'- 67' W/1400CFM AIR-MIST. CIRCULATING
				1		PRESSURE - 250PSI. RETURNS OF MOD- LT COAL CHIPS W/HVY FINES. 3 DN TO 2BKTS PR/HR FR SAMPLE CATCHER. 95% COAL,
				1		5% SAND & SHALE.
03/19/2003	06:00 - 07:00	1.00	СМ	1	80CMPL	R&R C/O COAL FR 3436'- 67' W/1400CFM AIR-MIST. NO
						ADDITIONAL SOAP. RETURNS OF LT- COAL CHIPS, HVY FINES. 2BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND&
						SHALE.
	07:00 - 07:30	0.50	СМ	С	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION. RIG
	07:30 - 14:00	6.50	CM	1	80CMPL	SERVICE.
	07.50 - 14.00	0.50	Civi	•	OOCWIFE	R&R C/O COAL FR 3436'- 67' W/1400CFM AIR-MIST. RETURNS OF HVY- MOD COAL FINES. 2 DN TO 1BKT PR/HR FR SAMPLE
						CATCHER. 95% COAL, 5% SAND & SHALE.
	14:00 - 19:00	5.00	СМ	1	80CMPL	R&R C/O COAL FR 3436'- 67' W/1800CFM AIR 15BPH MIST.
						RETURNS OF HVY COAL CHIPS & HVY FINES. 4BKTS DN TO 2BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND &
						SHALE.
	19:00 - 19:15	1	CM	C	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION.
	19:15 - 20:45	1.50	СМ	1	80CMPL	R&R C/O COAL FR 3436'- 67' W/1800CFM AIR- 15BPH MIST. CIRCULATING PRESSURE - 375PSI. RETURNS OF MOD- LT COAL
						CHIPS & MOD FINES. 2 DN TO 1BKT PR/HR FR SAMPLE CATCHER.
ı	00:45 00:00	0.05	014		0001101	95% COAL, 5% SAND & SHALE.
ı	20:45 - 00:00	3.25	СМ	1	80CMPL	R&R C/O COAL FR 3467'- 99' W/1800CFM AIR-MIST. CIRCULATING PRESSURE - 375PSI. RETURNS OF MOD COAL CHIPS & HVY COAL
I						FINES. 3 DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5%
	00.00	4.00				SAND & SHALE.
	00:00 - 04:00	4.00	СМ	1	80CMPL	R&R C/O COAL FILL FR 3499- 3531' W/1800CFM AIR- MIST. CIRCULATING PRESSURE - 375PSI. RETURNS OF MOD COAL
						CHIPS W/HVY FINES. 5 DN TO 1BKT PR/HR FR SAMPLE CATCHER.
				1.		95% COAL, 5% SAND & SHALE.
	04:00 - 06:00	2.00	CM	1	80CMPL	R&R C/O COAL FR 3531'-40' W/1800CFM AIR-MIST, CIRCULATING PRESSURE - 375PSI, RETURNS OF MOD COAL CHIPS W/HVY COAL
						FINES. 3BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND
						& SHALE.
03/20/2003	06:00 - 07:00	1.00	СМ	1	80CMPL	R&R C/O COAL FR 3531'- 63' W/1800CFM AIR, 15BPH MIST.
						CIRCULATING PRESSURE - 375PSI. RETURNS OF LT COAL CHIPS W/HVY FINES. 3 DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95%
						COAL, 5% SAND & SHALE.
	07:00 - 07:30	0.50	l	C	80CMPL	SAFETY MEETING. RIG SERVICE.
	07:30 - 11:00	3.50	CM	1	80CMPL	R&R C/O COAL FR 3563'- 97' W/1800CFM AIR-MIST. NO ADDITIONAL SOAP. CIRCULATING PRESSURE - 375PSI. RETURNS
						OF LT COAL CHIPS W/HVY- MOD COAL FINES. 3 DN TO 1BKT
	44.00 40.00		014		0001:-:	PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	11:00 - 12:00 12:00 - 12:45	1.00 0.75		1 2	80CMPL 80CMPL	SHUT OFF MIST. BLOW WELL DRY ON BOTTOM W/1800CFM AIR. PULL UP INSIDE 7" CSG SHOE TO 3318'.
		0.70	J	-	COOM L	1 322 37 INDIDE 7 330 STICE 10 3310.

Operations Summary Report

Legal Well Name:

000001A **SAN JUAN 32 FED COM 7 # 1**

Common Well Name: SAN JUAN 32 FED 7 # 1A FRUITLAND COM

Event Name: **Original Completion**

03/01/2003 Start:

Spud Date: 02/15/2003 End:

KEY FOUR CORNERS Contractor Name:

Rig Release:

Group:

Rig Name:

KEY ENERGY

Rig Number: 29

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
03/20/2003	12:45 - 13:45	1.00	СМ	u	80CMPL	CONDUCT FLOW TEST OUT 2" W/PITOT. 15MIN- 2.41MMCFD, 30MIN- 2.93MMCFD, 45MIN- 3.15MMCFD & 60MIN- 3.15MMCFD. 1/4BPH H2O.
	13:45 - 15:45	2.00	СМ	1	80CMPL	OPEN WELL UP TO FLOW NATURALLY OUT BOTH BLOOIE LINES.
	15:45 - 16:30	0.75	СМ	2	80CMPL	TIH PICKING UP DP. TAG FILL @ 3415'.
	16:30 - 18:00	1.50	СМ	5	80CMPL	BREAK CIRCULATION W/1800CFM AIR-MIST.
	18:00 - 19:00	1.00	СМ	1	80CMPL	R&R C/O COAL FR 3415'- 40' W/1800CFM AIR, 15BPH MIST W/1/2 GAL POLYMER, NO ADDITIONAL SOAP. RETURNS OF LT COAL CHIPS & HVY COAL FINES. 4BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	19:00 - 19:15	0.25	CM	c	80CMPL	SAFETY MEETING WIALL PERSONNEL ON LOCATION.
	19:15 - 04:00	8.75	СМ	1	80CMPL	R& R C/O RUNNING COAL FR 3415'- 40' W/1800CFM AIR-MIST, 1/2GAL POLY. CIRCULATING PRESSURE - 425PSI. RETURNS OF LT- MOD COAL CHIPS W/HVY FINES. 4 DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	04:00 - 06:00	2.00	СМ	1	80CMPL	R&R C/O COAL FR 3440'- 72' W/1800CFM AIR-MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL CHIPS W/HVY COAL FINES. 4 DN TO 2BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
03/21/2003	06:00 - 07:00	1.00	СМ	1	80CMPL	R&R C/O COAL FR 3440'-72' W/1800CFM AIR-MIST, 1/2GAL POLY. CIRCULATING PRESSURE- 375PSI. RETURNS OF MOD FINE COAL. 2 DN TO 1BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
:	07:00 - 07:30	0.50	СМ	С	80CMPL	SAFETY MEETING WALL PERSONNEL ON LOCATION. RIG
	07:30 - 09:30	2.00	СМ	1	80CMPL	R&R C/O COAL FR 3472'- 3504' W/1800CFM AIR, 15BPH MIST W/1/2GAL POLYMER. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL CHIPS & HVY FINES. 3 DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	09:30 - 12:00	2.50	СМ	1	80CMPL	R&R C/O COAL FR 3504'- 3533' W/1800CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT- COAL CHIPS & HVY FINES. 3 DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	12:00 - 14:30	2.50	СМ	1	80CMPL	R&R C/O COAL FR 3533'- 64' W/1800CFM AIR-MIST. RETURNS OF LT- COAL CHIPS & HVY FINES. 3 DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	14:30 - 18:00		СМ	1	80CMPL	R&R C/O COAL FR 3564'- 97' W/1800CFM AIR, 15BPH MIST W/1GAL POLYMER. 400PSI CIRCULATING PRESSURE. RETURNS OF LT- COAL CHIPS & HVY FINES. 4 DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	18:00 - 18:30	0.50	1	2	80CMPL	PULL UP INTO 7" CSG SHOE @ 3318'.
	18:30 - 20:30		СМ	1	80CMPL	FLOW WELL NATURAL OUT BLOOIE LINES.
	20:30 - 21:00	0.50		2	80CMPL	TIH PICKING UP DP. TAG UP @ 3448'.
	21:00 - 22:30		СМ	5	80CMPL	BREAK CIRCULATION W/AIR-MIST.
	22:30 - 02:00	3.50	СМ	1	80CMPL	R&R C/O COAL FR 3448'- 3473' W/1800CFM AIR-MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL CHIPS & HVY FINES. 4 DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	02:00 - 03:45		СМ	1	80CMPL	R&R C/O COAL FR 3473'- 3504' W/1800CFM AIR-MIST. RETURNS OF LT-COAL CHIPS & MOD COAL FINES. 2 1/2 DN TO 1BKT PR HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	03:45 - 06:00	2.25	СМ	1	80CMPL	R&R C/O COAL FR 3504'- 3535' W/1800CFM AIR, 15BPH MIST W/1GAL OF POLYMER. CIRCULATING PRESSURE - 400PSI.

Printed: 04/01/2003 4:29:04 PM

Operations Summary Report

Legal Well Name:

SAN JUAN 32 FED COM 7 # 1 000001A

Common Well Name: SAN JUAN 32 FED 7 # 1A FRUITLAND COM

Spud Date: 02/15/2003 End:

Event Name:

Original Completion

03/01/2003 Start:

Contractor Name:

KEY FOUR CORNERS

Rig Release:

Group:

₹ia	Name:	

KEY ENERGY

5-10-10-10-10-10-10-10-10-10-10-10-10-10-	rainer i commente de la commente de	b 1 11 21 1 24 24 24 24 24 24 24 24 24 24 24 24 24	EKGI	(monomorphism)	ormorista de la comunicación de	Rig Number, 29
Date	From - To	Hours	Code	Subco	Phase	Description of Operations
03/21/2003	03:45 - 06:00	2.25	СМ	1	80CMPL	RETURNS OF LT- COAL CHIPS & HVY FINES. 3 DN TO 1BKT PR HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
03/22/2003	06:00 - 07:00	1.00	СМ	1	80CMPL	R&R C/O COAL FR 3535'-67' W/1800CFM AIR-MIST. RETURNS OF LT COAL CHIPS & HVY FINES. 2BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	07:00 - 07:30	0.50	СМ	С	80CMPL	SAFETY MEETING WALL PERSONNEL ON LOCATION. RIG
	07:30 - 08:30	1.00	СМ	1	80CMPL	R&R CO COAL FR 3535'- 67' W/1800CFM AIR, 15BPH MIST W/1GAL OF POLY. CIRCULATING PRESSURE - 425PSI. RETURNS OF LT-COAL CHIPS & MOD COAL FINES. 2 DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	08:30 - 13:30	5.00	СМ	1	80CMPL	R&R CO COAL FR 3567'- 97' W/1800CFM AIR-MIST. CIRCULATING PRESSURE - 425PSI. RETURNS OF LT COAL CHIPS & HVY FINES. 3 DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	13:30 - 14:00	0.50	СМ	2	80CMPL	PULL UP INSIDE 7" CSG SHOE TO 3318'.
	14:00 - 15:00	1.00	1	u	80CMPL	PERFORM FLOW TEST THROUGH 2" W/PITOT. 15MIN- 2.82MMCFD, 30MIN- 3.0MMCFD, 45MIN -3.22MCFD & 60MIN- 3.22MCFD. 1/2 BPH H2O.
	15:00 - 17:00	2.00	СМ	g	80CMPL	OPEN WELL UP TO FLOW NATURAL THROUGH BOTH BLOOIE LINES.
	17:00 - 17:30	0.50	СМ	2	80CMPL	TIH PICKING UP DP. TAG UP @ 3448'.
	17:30 - 19:00	1.50		5	80CMPL	BREAK CIRCULATION W/1800CFM AIR-MIST.
	19:00 - 21:00	2.00	СМ	1	80CMPL	R&R CO COAL FR 3448'-67' W/1800CFM AIR, 12BPH MIST W/2GAL SOAP+INHIBITOR & 1GAL POLYMER. CIRCULATING PRESSURE - 450PSI. RETURNS OF LT COAL CHIPS & HVY FINES. 4 DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	21:00 - 00:30	3.50	СМ	1	80CMPL	R&R CO COAL FR 3567'- 97' W/1800CFM AIR-MIST. CIRCULATING PRESSURE - 450PSI. RETURNS OF LT COAL CHIPS & HVY FINES. 3 DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	00:30 - 04:30	4.00	СМ	1	80CMPL	R&R FR 3567'-97'. CONDITION HOLE TO RUN 5 1/2" CSG LINER.
	04:30 - 06:00	1.50	СМ	4	80CMPL	LAY DN 7- JTS OF 2 7/8" DP. POOH W/49-STANDS OF DP.
03/23/2003	06:00 - 07:30	1.50	СМ	4	80CMPL	POOH W/DP, DCS & BIT.
	07:30 - 07:45	0.25		С	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION.
	07:45 - 09:00		СМ	6	80CMPL	RU TO RUN 5 1/2" CSG LINER.
	09:00 - 12:00	3.00		2	80CMPL	MU 6 1/4" BIT ON 5 3/4" BIT SUB FOLLOWED BY 7-JTS (305.30') OF 5 1/2", 15.5#, JE, LT&C, 8-RD CSG TOPPED OFF BY 5 1/2"x 7" HYFLO III LINER HANGER. TIH W/2 7/8" DP. TAG UP @ 3405'.
	12:00 - 15:00	3.00	СМ	1	80CMPL	BREAK CIRCULATION W/1800AIR-MIST. CIRCULATE CSG DN FR 3405' TO 3597'
	15:00 - 15:30	0.50	СМ	5	80CMPL	CIRCULATE HOLE CLEAN @ 3597'(TD).
	15:30 - 15:45	0.25	СМ	1	80CMPL	PULL UP OFF BOTTOM. SET LINER HANGER & ROTATE OFF. BOTTOM OF BIT @ 3596'KB. TOP OF BIT SUB- 3594'. TOP OF LINER- 3284'.
	15:45 - 19:00	3.25		2	80CMPL	POOH W/SETTING TOOL LAYING DN 2 7/8" DP. SWIFN.
03/24/2003	07:00 - 07:30	0.50	СМ	С	80CMPL	SAFETY MEETING.
	07:30 - 09:00	1.50		2	80CMPL	TIH W/10- 3 1/2" DCS. POOH LAYING DN.
	09:00 - 11:30	2.50	СМ	q	80CMPL	RU BLUE JET WL. USING A 4" HSC, PERFORATE THE FRUITLAND COAL W/19675" HOLES 4-JSPF AS FOLLOWS:3591'- 94', 84'- 88', 74'- 77', 70'- 74', 63'- 65', 57'- 60', 3445'- 47', 34'- 36', 26'- 30', 18'- 24', 13'- 15', 09'- 11', 01'- 05', 3395'- 98', 89'- 92' & 3380'- 85'. ALL SHOTS FIRED OK.

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED COM 7 # 1 000001A
Common Well Name: SAN JUAN 32 FED 7 # 1A FRUITLAND COM
Event Name: Start:

Spud Date: 02/15/2003

Page 11 of 11

Event Name: Contractor Name: Rig Name:		Original KEY FO KEY EN	UR COF			Start: 03/01/2003 End: Rig Release: Group: Rig Number: 29
Date	From - To	Hours	Code	Subco	Phase	Description of Operations
03/24/2003	11:30 - 14:30 14:30 - 14:45	3.00 0.25		2	80CMPL	MU 2 3/8" EXPENDABLE CHECK ON BOTTOM OF 1-JT OF 2 3/8" TBG W/ 2 3/8"x 1.81" F NIPPLE ON TOP. STRAP IN HOLE PICKING UP 115-JTS OF TBG. TAG PBTD @ 3594'(NO FILL). LD 8-JTS. MU & LAND TBG HANGER IN TBG HEAD W/107-JTS OF 2
	14:45 - 16:15 16:15 - 16:45	1.50 0.50		e 9	80CMPL 80CMPL	3/8" PRODUCTION TBG IN THE HOLE. BOTTOM OF CHECK @ 3345'KB. TOP OF F NIPPLE @ 3312'. ND BOP STACK & NU UPPER TREE. USING AIR, PRESSURE TEST TBG TO 1000PSI. PUMP OFF CHECK @ 1200PSI & CIRCULATE.
03/25/2003	16:45 - 17:00 07:00 - 07:15 07:15 - 15:15	0.25 0.25 8.00	СМ	g c 6	80CMPL 80CMPL 80CMPL	FLOW BOTH CSG & TBG TO PIT. SWI, JOB COMPLETE. SAFETY MEETING. RD KEY #29 TO MOVE.
:						

END OF WELL SCHEMATIC

ConocoPhillips

	SAN JUAN 32 FED COM 7 #1A	Spud Date: _	16-Feb-03	TD Date : 18-Feb-03
API # :	30-045-31267	Spud Time: _	03:30	Rig Release Date: 19-Feb-03
Wash Out Est. T.O.C. Not	9 5/8 in 221 ft # Jnts: 5 32.3 ppf Grade H-40 in 100 %	11" 3M x 7 9-5/8" 8 RD X New Used	1/16" Tree Ada 1/16" 5M Tubing x 11" 3M Casing	Head
Hole Size Wash Out Est. T.O.C. Noti Notified Production L Size Blank Wt Grade	T	37 ft 33		Intermediate Cement Date cmt'd:19-Feb-03 Lead: 380sx 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% CaCl2, 5 pps Gilsonite & 1/4
		TD	ft	
COMMENTS: Surface:	NO FLOAT EQUIPMENT RAN. WELL SHUT	-IN WITH 260 P	SI.	
Intermediate:				
	MARKER JT @ 1845'. PBD 3279'.			
Production:	6 1/4" BIT & BIT SUB RUN ON BOTTOM JO TOP OF LINER @ 3284'. 50' OF 7" CASING			
CENTRALIZE Surface:				Total: 4
Intermediate:	3324', 3250', 3209', 3127', 3045', 2963', 201' TURBOLIZERS @ 1901', 1860', 1803'.			Total: 4

END OF WELL SCHEMATIC

ConocoPhillips

Well Name: SAN JUAN 32 FED COM 7 #1A API #: 30-045-31267	Spud Date: 16-F Spud Time: 03	reb-03 Ti	D Date : 18-Feb-03 e Date: 19-Feb-03
Surface Casing Date set: 16-Feb-03 Size 9 5/8 in Set at 221 ft # Jnts: 5 Wt. 32.3 ppf Grade H-40	7 1/16" 5M x 2 1/16 11" 3M x 7 1/16"	" Tree Adapter/Cap 5M Tubing Head "3M Casing Head SurfaceCement Date cmtt Lead: 135sx 50/50 Gilsonite, 3% CaC & 2% CFR-3 @ 15	t:16-Feb-03 /Poz w/2% Gel 5#/sx 2, 1/2 #/sx Flocele 3.5pp§ & 1.32 cuft/sx
Hole Size 12 1/4 in Wash Out 100 % Est. T.O.C. 14 ft Csg Shoe TD of surface 1 Notified BLM @ 1815 hrs Notified NMOCD @ 1815 hrs		Pressure Plug bum Returns during CMT Returns to surf Floats H	g at: 1200 HRS ped: 260 PSI job: YES
on <u>2/13/2003</u> Intermediate Casing Date set: 19-Feb-03 Size	003_ft	Lead: 380sx Class Econolite, 10 pps 6 Flocele @ 11.4 pp Tail: 100 sx 50 Gel, 2% CaCl2, 5 pps Flocele @ 1 Displacement vol. & fl Bumped Plu Pressure Plug bum Returns during CMT Returns to surf Floats I	19-Feb-03 B Cmt w/3% Gilsonite & 1/2 pps g 2 90 cu/ft/sx. //50/B/Poz Cmt w/2% pps Gilsonite & 1/4 3.5 ppg 1.33 cuft/sx uid.: 133 FW ug at: 1330 pped: 1400 job: YES dace: 27 BBLS Held: X Yes No
<u>Einer</u>		UNCEMENTED LINE	K
	TD	3,597 ft	
COMMENTS: Surface: NO FLOAT EQUIPMENT RAN, WELL SHI	IT-IN WITH 260 PQI		-
Intermediate: MARKER JT @ 1845'. PBD 3279'.			
Production: 6 1/4" BIT & BIT SUB RUN ON BOTTOM. TOP OF LINER @ 3284'. 50' OF 7" CASI			
CENTRALIZERS: Surface: 211', 138', 97', 55'.		····	Total: 4
Intermediate: 3324', 3250', 3209', 3127', 3045', 2963', 20 TURBOLIZERS @ 1901', 1860', 1803'.	01'.		Total: 9