Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

											,			
	WELL C	COMPL	ETION O	RRE	COMF	LET	ION REF	PORT	AND L	.OG	[3	. Lease Seria NMSF078		
1a. Type of	Well 🗖	Oil Well	⊠ Gas V	Vell	☐ Dry		Other				16	. If Indian, A	llottee	or Tribe Name
• • •	f Completion			□ Wor	_			r Plu	g Back	□ Diff. F	Resvr.			
••		Othe						_		1897	1100	NMNM78	423A	ment Name and No.
2. Name of CONO	Operator COPHILLIPS	S COMP.	ANY		Со	ntact:	DEBORAF E-Mail: del		7 .	ညှင္တဝေဝတွင်	3 /1		21A	Well No.
3. Address	FADAMAIO	TONI NI	4 07404				3a. P Ph: 8	hone N 332.48	o. (includ 6:2326 _{//}	gconocop Parencode	04	API Well N		045-31764-00-S1
4. Location	of Well (Rep Sec 8	ort locati	ion clearly an	d in acc	ordance	with F	ederal requi	rement	s)* O//			02 Field and BASIN FF		r Exploratory
At surfa	ice SESE	660FSL	900FEL	-				15. 15.	100 170 180		***	3 Sec., T., F	L., M.,	or Block and Survey
At top p	orod interval r	eported b	elow					'	(E).	* 63		or Area S		31N R7W Mer NMP
At total	depth									gznance	7 1 200	SAN JUA		NM
14. Date Spudded														
18. Total D	Depth:	MD TVD	3576		19. Plu	g Bacl	T.D.:	MD TVD		73	20. Depth	Bridge Plug	Set:	MD TVD
21 Time E	lectric & Oth		nical Loge D	in (Sub	nit conv	of eac	ъ	1 4 10		22 Was	well cored?	₽ No		
NONE	21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE 22. Was well cored? Was DST run? Directional Survey? No Yes (Submit analysis) Yes (Submit analysis) Yes (Submit analysis) Yes (Submit analysis)													
23. Casing a	nd Liner Rec	ord <i>(Repo</i>	ort all strings	set in w	ell)									
Hole Size	Size/G	rade	Wt. (#/ft.)	Top (MI		Bottom (MD)	Stage C			f Sks. & of Cement	Slurry V (BBL)	Lemen	t Top*	Amount Pulled
12.250	9.0	625 H40	32.0		0	2	55			200			· · · · · · · · · · · · · · · · · · ·	0
8.750	7.	000 J55	20.0		0	30	3070			550				0
6.250	5.	500 J55	16.0	3	051	35	0							0
										-				
		·												•
24. Tubing	Record													
	Depth Set (M		acker Depth	(MD)	Size	De	epth Set (M)	et (MD) Packer Depth (MD) Size			Size	Depth Set (MD)	Packer Depth (MD)
2.375		3321				Щ,	16 D C -					•		
	ng Intervals					_	26. Perforati							
	ormation		Тор		Bottor						Size	No. Holes		Perf. Status
	RUITLAND (COAL		3512	3	207		3512 TO 3207 0.7				16	38 OP	EN
B)	··					_						<u> </u>		
C)												<u> </u>	+	
D)	racture, Treat	ment Ce	ment Squeeze	- Fite		1								
	Depth Interva		I Squeeze	-, I.W.	**				mount on	d Type of N	Antonial	 		
			207 CAVITA	TE				P	tinount an	a Type of N	rateriai			
		712 10 3	207 0.7411.7											
		-												
28. Product	tion - Interval	Α	J				<u> </u>							·
Date First	Test	Hours	Test	Oil	Gas		Water	Oil C	Gravity	Gas	Pi	oduction Method		
Produced 10/09/2003	Date 10/04/2003	Tested 24	Production	BBL	MCI		BBL	Corr	. API	Gravit	у	-),440 E	DOMANIELI
Choke	Tbg. Press.	Csg.	24 Hr.	O.0 Oil	Gas	600.0	0.0 Water	Gas:	Oil	Well S	totus			ROM WELL
Size	Flwg.	Press.	Rate	BBL	MCI		BBL	Ratio				AUGE !	CW F	OR RECORD
PITOT	SI	380.0		0		1600	0				PGW			i
	ction - Interva		T.	Lo:			Tou	1				MAR	0 8	3 2004
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCI	7	Water BBL		Gravity . API	Gas Gravit		PANIMING		ield office
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas		Water	Gas:	Oil	Well S	itatus		ψ_{C}	
Size	Flwg. SI	Press.	Rate	BBL	MCI	7	BBL	Ratio				_	-1	

⁽See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #26366 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

	uction - Inter	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas		Production Method	
ate First oduced	Test Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	y 	A TOMOROW MELINOS	
noke ze	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well S	tatus		
28c. Produ	uction - Inter	val D			•		•				
ate First oduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	y	Production Method	
noke ze	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well S	tatus		
29. Dispo		Sold, used	for fuel, ven	ted, etc.)	<u> </u>						
		s Zones (In	iclude Aquife	ers):					1 31. For	rmation (Log) Markers	
Show tests, i	all important	zones of p	orosity and c	ontents ther	reof: Cored ne tool ope	l intervals an	d all drill-stem nd shut-in pressur	res			
	Formation		Тор	Bottom		Descript	ions, Contents, et	c.		Name	Top Meas. Dept
SAN JOSE 0 970 NACIMIENTO 970 2388 OJO ALAMO 2388 2509				-			OJ KIF FR	CIMIENTO O ALAMO RTLAND UITLAND CTURED CLIFFS	986 2391 2511 3031 3521		
					ļ						
			-								
This \	well is a sing	gle produc	olugging proc cing from the vellbore sch	Basin Fru	itland Co	al. Attache	d are the daily		!		,
	enclosed att				···					· · · · · · · · · ·	
			gs (1 full set re		_	2. Geolog	-		DST Re	eport 4. Dire	ectional Survey
s. su	nary Notice I	oi piuggin	g and cement	. venncanoi	1	6. Core A	natysis	/	Other:		
34. There	by certify tha	t the foreg	oing and attac	ched inform	ation is co	mplete and o	correct as determin	ned from all	availabl	e records (see attached inst	ructions):
			Elect	ronic Subr For CO	nission #2 NOCOPH	6366 Verific ILLIPS CO	ed by the BLM W MPANY, sent to IENNE GARCIA	Vell Inform o the Farmi	ation Sy ington	rstem.	· ••••••••
Name	(please prini		AH MARBE		F . 24430.			SUBMITTIN	,	•	
Signa	4	(Electro									_

of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

** ConocoPhillips <u>END OF WELL SCHEMATIC</u>

Well Name:	San Juan 32-7 # 221A		Spud:	1-Sep-2003
API # :	30-045-31764	Release	e Drl Rig: _	6-Sep-2003
Location:	660' FSL & 900' FEL	Trash Cap Move In	ı Cav Rig	12-Sep-2003
	Sect 8 - T31N - R7W	7-1/16" 3M x 2-9/16" 5M Adapter Flange Release	Cav Rig_	9-Oct-2003
	San Juan County, NM	11" 3M x 7 1/16" 3M Tubing Head		
Elevation:	6618 GL (above MSL)	9-5/8" 8 RD x 11" 3M Casing Head		
Drl Rig RKB:	13' above Ground Level			
Datum:	Drl Rig RKB = 13' above GL	Surface Cement		
		X New Date cmt'd:		Sep-03
Surface Casing	Date set: 2-Sep-03	Used Lead : 200 sx Class C		
Size		+ 2% S001 Calcium		
	ft # Jnts:8	+ 0.25 lb/sx D029 Ce		
Wt.		1.16 cuft/sx, 232 cuft		
	12 1/4 in Conn STC			bls fresh wtr
Excess Cmt		Bumped Plug		
1.0.0.	SURFACE Csg Shoe 255 TD of 12-1/4" hole 255			
	1D 01 12-174 11016	5_ft Returns during jo CMT Returns to surfac		20 bbls
Noti	fied BLM @hrs on			floats used
Notified	NMOCD @hrs on	W.O.C. for 8.0 hrs		
Notified	11000 @ 1113 011		, (bidd parill)	to dog production
	•	Intermediate Cement		
		Date cmt'd:	6-	-Sep-03
Intermediate Ca	sing Date set: 6-Sep-03	X New Lead : 450 sx Class 0		
Size	7 in 75 jts	Used + 3% D079 Extender		
Set at	3070 ft pups	+ 0.25 lb/sx D029 Ce	llophane F	lakes
Wt.	20 ppf Grade J-55	+ 0.2% D046 Antifoa	m	
	8 3/4 in Conn STC	2.61cuft/sx, 1174 cu	t slurry at 1	11.7 ppg
Excess Cmt		T 		
T.O.C.	SURFACE TD of 8-3/4" Hole 307			s G cement
		+ 2% D020 Bentonite		
Noti	fied BLM @hrs on	+ 2% S001 Calcium		
Notified	NMOCD @hrs on			
		+ 0.25 lb/sx D029 Ce		lakes
Production Lin	Data eat: 7 Oat 03	X New		3.5 ppg
Production Line Size		H		bls fresh water
	15.5 ppf			hrs @ 1300 ps
Grade	 '') Final Circ Pre		
# Jnts		Returns during jo		
Hole Size		CMT Returns to surface		
Btm of Line			ld: X Yes	
Top of Line	3051 ft	/		_
	· · · · · · · · · · · · · · · · · · ·	(
	•	(V)		
	PBTD / Top of Bit S	ub <u>3573</u>		
	Bottom of Liner / Bottom of 6-1/4" E	/		
		UNCEMENTED LINER		
		TD 3,576 ft		
		TD <u>3,576</u> ft		
COMMENTS:				
Surface:	No float equipment was run. Ran a quide sho	be and an aluminum baffle plate 1 jt above the guide shoe.		
		casing head and WOC before backing out landing it.		·
		<u> </u>		
Intermediate:				
Production:	Ran a bit, float sub & float on btm of 5.5" lines	r, and perforated the 5-1/2" liner with electric line perforating gu	ns.	
	Ran 2-7/8", 6.5#, J-55 EUE 8rd, tubing (EOT	at 3321' RKB)		
CENTRALIZER:			* = 4 · 1	1. 4
Surface:	CENTRALIZERS @ 222', 144', 100', & 57'.		Total	ı: <u>4</u>
Intermediate:	CENTRALIZERS @ 3050', 3026', 2944', 2862	2', 2779', & 2697'.	Total	l: 6
	TURBOLIZERS @ 2409', 2367', 2326'		Total	

Operations Summary Report

Legal Well Name:

SAN JUAN 32-7 UNIT FRUITLA 000221A

Common Well Name: SAN JUAN 32-7 FRUITLAND #221A UNIT

Original Completion

Start:

Spud Date: 9/1/2003

Event Name:

8/13/2003

End: 10/10/2003

Contractor Name:

KEY FOUR CORNERS

Rig Release: 10/10/2003

Group:

Rig Name:	KEY ENERGY	Rig Number: 27
Doto From To	Hours Code Sub Phase	Description of Operations

Date	From - To	Hours	Code	Code	Phase	Description of Operations
9/13/2003	07:00 - 07:30	0.50	NAV/	С	00MMIR	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
9/13/2003	07:30 - 17:00	9.50		6	00MMIR	MIRU KEY RIG # 27 & EQUIPMENT = NEW RIG & EQUIPMENT =
	07.30 - 17.00	3.50	1010		COMMUNIC	SECURED LOCATION & S.D.O.N.
9/14/2003	07:00 - 07:30	0.50	MV	С	00MMIR	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
3/14/2005	07:30 - 18:30	11.00	í	6	00MMIR	RU NEW RIG & EQUIPMENT
	18:30 - 19:00	0.50		1	00MMIR	SECURED LOCATION & SHUT DOWN OVER SUNDAY
9/16/2003	07:00 - 07:30	0.50		c	00MMIR	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
3/10/2000	07:30 - 18:30	11.00		6	00MMIR	RU NEW RIG & EQUIPMENT
	18:30 - 19:00	0.50		1	00MMIR	SECURED LOCATION & SHUT DOWN OVER SUNDAY
9/17/2003	07:00 - 07:30	0.50	1	c	00MMIR	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
0,11,2000	07:30 - 18:45	11.25		6	00MMIR	RU NEW RIG & EQUIPMENT
	18:45 - 19:00	0.25		1	00MMIR	SECURED LOCATION & S.D.O.N.
9/18/2003	07:00 - 07:30	0.50	Į.	С	00MMIR	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
0, 10,200	07:30 - 18:45	11.25		6	00MMIR	RU NEW RIG & EQUIPMENT
	18:45 - 19:00	0.25		1	00MMIR	SECURED LOCATION & S.D.O.N.
9/19/2003	07:00 - 07:30		MV	С	00MMIR	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:30 - 13:00		MV	6	00MMIR	RU NEW RIG & EQUIPMENT
	13:00 - 15:30		CM	c	50PRDR	RIG SAFETY INSPECTION BY COPC SAFETY REP.
	15:30 - 18:30		СМ	6	50PRDR	RU RIG & EQUIPMENT
	18:30 - 19:00		СМ	1	50PRDR	SECURED LOCATION & S.D.O.N.
9/20/2003	07:00 - 07:30	0.50		С	00MMIR	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
0,_0,_	07:30 - 18:30	11.00	1	6	00MMIR	RU EQUIPMENT = RIG & DERRICK INSPECTION BY KEY
						PERSONNEL
1	18:30 - 19:00	0.50	MV	1	00MMIR	SECURED LOCATION & S.D.O.N.
9/21/2003	07:00 - 07:30	1	MV	С	00MMIR	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:30 - 10:00		MV	6	00MMIR	RU EQUIPMENT
	10:00 - 12:00		СМ	e	50PRDR	NU BOP'S, HCR VALVE'S, CHOKE MANIFOLD & LINE'S, BLOOIE
		1				LINE'S
	12:00 - 13:00	1.00	CM	9	50PRDR	TEST 7" CSG & BLIND RAM'S 200# 3 MIN'S & 1800# 30 MIN'S STATE
						INTEGRITY TEST = CHARTED GOOD TEST
	13:00 - 15:00	2.00	СМ	8	50PRDR	TEST PIPE RAM'S, HCR VALVE'S, CHOKE MANIFOLD 200# 3 MIN'S &
						1800# 10 MIN'S = GOOD TEST
	15:00 - 18:30	3.50	CM	2	50PRDR	GIH PU BHA = 6 1/4" VERAL STX RERUN BIT, BIT SUB, 14-3 1/2"
						DC'S, 1-2 7/8" DP, 1-2 7/8" FN W / 1.87 PROFILE & DP TO 3000'
	18:30 - 19:00	0.50	CM	1	50PRDR	SECURED WELL & LOCATION = S.D.O.N.
9/22/2003	07:00 - 07:30	0.50	CM	С	50PRDR	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:30 - 10:00	2.50	СМ	6	50PRDR	RU GROUND LINE'S
	10:00 - 14:00	4.00	CM	6	50PRDR	PU & MU POWER SWIVEL = WORKING ON PACKING ON SWIVEL
	14:00 - 16:00	2.00	СМ	h	50PRDR	DRILLING OUT CMT F/3026' = DRILL OUT 7" FLOAT COLLAR & 7"
				1	ŧ	SHOE @ 3070'
	16:00 - 19:00	3.00	СМ	1	50PRDR	DRILL OPEN HOLE W / 6 1/4" BIT TO 3120'
	19:00 - 19:30	0.50	СМ	С	50PRDR	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	19:30 - 06:00	10.50	CM	1	50PRDR	DRILLING AHEAD W / 6 1/4" BIT T/3430' W / AIR ASSIST
9/23/2003	06:00 - 09:30	3.50	CM	1	50PRDR	DRILLING AHEAD W / 6 1/4" BIT TO TD @ 3576'
	09:30 - 10:00	0.50	CM	5	50PRDR	CIRC & CORRELATE W / MUD LOGGER = BASIN FRUITLAND
						COAL INTERVAL AS FOLLOW'S
				1	1	3119'-20' = 1 FT = NO GAS UNIT'S
]		1		3199'-3207' = 8 FT = LAG ON GAS UNIT'S
		1				3209'-13' = 4 FT = LAG ON GAS UNIT'S
		1				3217'-23' = 6 FT = 400 GAS UNIT'S
						3228'-30' = 2 FT = 623 GAS UNIT'S
]		3249'-51' = 2 FT = 500 GAS UNIT'S
						3259'-63' = 4 FT = 420 GAS UNIT'S
	1	1	l	1	ł	

Operations Summary Report

Legal Well Name:

SAN JUAN 32-7 UNIT FRUITLA 000221A

Common Well Name: SAN JUAN 32-7 FRUITLAND #221A UNIT

Event Name:

Original Completion

Spud Date: 9/1/2003

8/13/2003 Rig Release: 10/10/2003 End: 10/10/2003 Group:

Contractor Name: Rig Name:

KEY FOUR CORNERS KEY ENERGY

Rig Number: 27

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/23/2003	09:30 - 10:00	0.50	СМ	5	50PRDR	3325'-40' = 15 FT = 552 GAS UNIT'S 3354'-56' = 2 FT = 530 GAS UNIT'S 3372'-79' = 7 FT = 604 GAS UNIT'S 3480'-86' = 6 FT = 550 GAS UNIT'S 3513'-20' = 7 FT = 570 GAS UNIT'S TOTAL NET COAL 58 FT
	10:00 - 10:30 10:30 - 11:30		CM CM	4 u	80CMPL 80CMPL	PUH INSIDE 7" CSG W / BHA 2" OPEN FLOW TEST 15 MIN'S-850 MCFD 30 MIN'S-950 MCFD 45 MIN'S-1000 MCFD 1 HR-1000 MCFD
	11:30 - 12:30	1.00	СМ	t	80CMPL	SHUT IN TEST ISIP-15# 15 MIN'S-180# 30 MIN'S-250# 45 MIN'S-340# 1 HR-400#
	12:30 - 18:30	6.00	СМ	1	80CMPL	SURGE'S # 1 - # 2 - # 3 - # 4 @ 1000# TO 1200# W / SMALL BREAKOVER POINT @ 1000# = SURGING W / 1.5 MMCFD AIR, 14 BPH MIST, 2 GAL'S FOAMER & INHIBITOR & 5 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S
	18:30 - 19:00	0.50	СМ	4	80CMPL	RIH FROM 7" CSG & TAG FILL @ 3117'
	19:00 - 19:30	0.50	CM	С	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	19:30 - 06:00	10.50	СМ	1	80CMPL	R&R C/O T/3308' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY TO MED COAL & FINE'S W / NO WATER GAIN = 9 DOWN TO 3 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & FINE'S W / 5% SHALE
9/24/2003	06:00 - 07:00	1.00	СМ	1	80CMPL	R&R C/O T/3308' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / NO WATER GAIN = 4 DOWN TO 3 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & FINE'S W / 5% SHALE
	07:00 - 07:30 07:30 - 12:30		CM CM	C 1	80CMPL 80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION R&R C/O T/3526' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / NO WATER GAIN = 5 DOWN TO 1/2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & FINE'S W / 5% SHALE
	12:30 - 13:00 13:00 - 18:30	0.50 5.50	CM CM	1	80CMPL 80CMPL	PUH INSIDE 7" CSG W / BHA SURGE'S # 5 - # 6 - # 7 @ 1000# TO 1200# AIR ASSIST W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR W / 5 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S
	18:30 - 19:00	0.50		4	80CMPL	RIH FROM 7" CSG & TAG FILL @ 3401'
	19:30 - 19:30 19:30 - 06:00	0.50 10.50	CM CM	C 1	80CMPL 80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION R&R C/O T/3526' W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY TO MED COAL & FINE'S W / NO WATER GAIN = 8 DOWN TO 3 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & FINE'S W / 5% SHALE

Operations Summary Report

SAN JUAN 32-7 UNIT FRUITLA 000221A

Legal Well Name: SAN JUAN 32-7 UNIT FRUITLA 000221A Common Well Name: SAN JUAN 32-7 FRUITLAND #221A UNIT

Event Name:

Original Completion

Start:

8/13/2003

Spud Date: 9/1/2003

End:

10/10/2003

Contractor Name:

KEY FOUR CORNERS

Rig Release: 10/10/2003

Group:

Rig Name:

KEY ENERGY

Rig Number: 27

07-00 - 07-30	Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10.00 - 10.30 0.50 CM 0.50 CM 1 80 1.00	9/25/2003	06:00 - 10:00	4.00	СМ	1	80CMPL	CLEAN OUT TO 3526'
10:30 - 11:00					С	80CMPL	SAFETY MEETING WITH ALL PERSONEL ON LOCATION
11:00 - 17:30					1	80CMPL	PULL OUT OF HOLE TO CASING SHOE LAYING DOWN 14 JOINTS
BERAKOVER POINT @ 1000# = SURGING W 1.5 MKOFD AIR. 14 BPH MIST. 2 GALS FOAMER & INHIBITOR & 5 BBL WATER-FOAMER PADS = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S RIH TAGE FILL @ 3339 CLEAN OUT, HOLE TIGHT, LAY DOWN ONE JOINT. RAR C/O @ 3308* 1 TO 1/1/2 BUCKETS PER HOUR SUPERACE, LIGHT TO MED COAL & FINE'S RIH TAGE FILL @ 3339 CLEAN OUT, HOLE TIGHT, LAY DOWN ONE JOINT. RAR C/O @ 3308* 1 TO 1/1/2 BUCKETS PER HOUR SUPERACE, LIGHT TO MED COAL & FINE'S RIH TAGE FILL @ 3339 CLEAN OUT, HOLE TIGHT, LAY DOWN ONE JOINT. RAR C/O @ 3308* 1 TO 1/1/2 BUCKETS PER HOUR SUPERACE SEAR HOUR WE PROCEDURES FOR CAVITATING. RAR C/O REPORT SIGHT WE FILL @ 339* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 339* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 339* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 339* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 339* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 339* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 339* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 3000* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 3000* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 3000* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 3000* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 3000* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 3000* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 3000* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 3000* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 3000* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 3000* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 3000* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 3000* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 3000* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 3000* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 3000* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 3000* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 3000* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 3000* CLEAN OUT & 3095* RAR C/O REPORT SIGHT WE FILL @ 3000* CLEAN OUT & 3095* RAR C/O RE		I .				1 '	
17:30 - 19:00		11.00 - 17.30	0.50	Civi	1	000	
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19:00 - 20:00		17.00 10.00	4.50		4	OOCMD!	1 '
19:00 - 20:00		17:30 - 19:00	1.50	CM	'	BUCIMPL	
19:00 - 20:00							
20:00 - 06:00 10:00 CM 1 80CMPL Rar CUFAN DAYS TO 35495 SAFETY MEETING WITH ALL PERSONEL ON LOCATION Rar CUFAN OUT 6 3495 SAFETY MEETING AND JSA WITH ALL PERSONEL ON LOCATION Rar CUFAN OUT 6 3495 SAFETY MEETING AND JSA WITH ALL PERSONEL ON LOCATION Rar CUFAN OUT FROM 3495 SAFETY MEETING AND JSA WITH ALL PERSONEL ON LOCATION Rar CUFAN OUT FROM 3495 TO 3526 PULL OUT OF HOLE TO CASING SHOEL LAYING DOWN 14 JTS. CHANGE OUT STRIPPING RUBBER. SURGING W / 1.5			-				
22,00		19:00 - 20:00	1.00	СМ	С	80CMPL	· ·
326/2003 06:00 - 07:00 0							
07:00 - 07:30		20:00 - 06:00	10.00	СМ	1	80CMPL	
17:30 - 16:00	9/26/2003	06:00 - 07:00	1.00	CM	1	80CMPL	
16:00 - 17:00		07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING AND JSA WITH ALL PERSONEL ON LOCATION
16:00 - 17:00		07:30 - 16:00	8.50	СМ	1	80CMPL	R&R CLEAN OUT FROM 3495' TO 3526'
17:00 - 22:00			l	ì	1	80CMPL	PULL OUT OF HOLE TO CASING SHOE, LAYING DOWN 14 JTS.
MMCFD AIR, 14 BPH MIST, 2 GAL'S FOAMER & INHIBITOR & 5 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S MACFD AIR, 14 BPH MIST, 2 GAL'S FOAMER & INHIBITOR & 5 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S MACFD AIR, 14 BPH MIST, 2 GAL'S FOAMER & INHIBITOR & 5 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S W / 15 MCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR & S BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S W / 15 MCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 10 WATER GAIN = 5 DOWN TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & FINE'S W / 15 MCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 10 WATER GAIN = 5 DOWN TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & FINE'S W / 5% SHALE CLEAN OUT @ 3526' MACFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 15 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 15 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 15 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 15 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 15 MMCFD AIR, 14 BPH MIST, 2 GAL'S FOAMER & INHIBITOR & 5 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S W / 53 AMPLE CATCHER = 95% COAL & FINE'S W / 53 AMPLE CATCHER = 95% COAL & FINE'S TO SURFACE, LIGHT TO MED COAL & FINE'S W / 53 AMPLE CATCHER = 95% COAL & FINE'S W / 53 AMPLE CATCHER = 95% COAL & FINE'S W / 53 AMPLE CATCHER = 95% COAL & FINE'S W / 53 AMPLE CATCHER = 95% COAL & FINE'S W / 53 AMPLE CATCHER = 95% COAL & FINE'S W / 53 AMPLE CATCHER = 95% COAL & FINE'S W / 53 AMPLE CATCHER = 95% COAL & FINE'S W / 53 AMPLE CATCHER = 95% COAL & F			ļ				CHANGE OUT STRIPPING RUBBER.
MMCFD AIR, 14 BPH MIST, 2 GAL'S FOAMER & INHIBITOR & 5 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S MACFD AIR, 14 BPH MIST, 2 GAL'S FOAMER & INHIBITOR & 5 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S MACFD AIR, 14 BPH MIST, 2 GAL'S FOAMER & INHIBITOR & 5 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S W / 15 MCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR & S BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S W / 15 MCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 10 WATER GAIN = 5 DOWN TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & FINE'S W / 15 MCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 10 WATER GAIN = 5 DOWN TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & FINE'S W / 5% SHALE CLEAN OUT @ 3526' MACFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 15 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 15 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 15 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 15 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 15 MMCFD AIR, 14 BPH MIST, 2 GAL'S FOAMER & INHIBITOR & 5 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S W / 53 AMPLE CATCHER = 95% COAL & FINE'S W / 53 AMPLE CATCHER = 95% COAL & FINE'S TO SURFACE, LIGHT TO MED COAL & FINE'S W / 53 AMPLE CATCHER = 95% COAL & FINE'S W / 53 AMPLE CATCHER = 95% COAL & FINE'S W / 53 AMPLE CATCHER = 95% COAL & FINE'S W / 53 AMPLE CATCHER = 95% COAL & FINE'S W / 53 AMPLE CATCHER = 95% COAL & FINE'S W / 53 AMPLE CATCHER = 95% COAL & FINE'S W / 53 AMPLE CATCHER = 95% COAL & FINE'S W / 53 AMPLE CATCHER = 95% COAL & F		17:00 - 22:00	5.00	СМ	1	80CMPL	SURGE'S # 9.# 10. # 11 @ 1000# TO 1200# = SURGING W / 1.5
22:00 - 06:00		17.00 22.00	0.00				
22:00 - 06:00	Ì						
22:00 - 06:00	!						
9/27/2003 06:00 - 07:00 1.00		22.00 06.00	9.00	CM	1	80CMDI	
9/27/2003		22.00 - 00.00	0.00	CIVI	'	BOCIVIEL	
MEDIUM TO HEAVY COAL. SAFETY MEETING WITH ALL PERSONEL ON LOCATION. SAFETY MEETING WITH ALL PERSONEL ON LOCATION. DISCUSSED BOP DRILLS SAFETY MEETING WITH ALL PERSONEL ON LOCATION. DISCUSSED BOP DRILLS SAFETY MEETING WITH ALL PERSONEL ON LOCATION. DISCUSSED BOP DRILLS SAFETY MEETING WITH ALL PERSONEL ON LOCATION. DISCUSSED BOP DRILLS SAFETY MEETING WITH ALL PERSONEL ON LOCATION. DISCUSSED BOP DRILLS SAFETY MEETING WITH ALL PERSONEL ON LOCATION. DISCUSSED BOP DRILLS SAFETY MEETING WITH ALL PERSONEL ON LOCATION. DISCUSSED BOP DRILLS SAFETY MEETING WITH ALL PERSONEL ON LOCATION. DISCUSSED BOP DRILLS SAFETY MEETING WITH ALL PERSONEL ON LOCATION. DISCUSSED BOP DRILLS SAFETY MEETING WITH ALL PERSONEL ON LOCATION. SHALE SAMPLE CATCHER = 95% COAL & FINE'S W / 5% SHALE SAFETY MEETING WITH ALL PERSONEL ON LOCATION. SAFETY MEETING WITH ALL PERSONEL ON LOCATION. R&R C/O T7 3526' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / NO WATER GAIN = 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & FINE'S W / SO WATER GAIN = 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & FINE'S W / SO WATER GAIN = 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & FINE'S W / SO WATER GAIN = 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & FINE'S W / SO WATER GAIN = 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & FINE'S W / SO WATER FOAMER & INHIBITOR & 5 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S W / SO WATER FOAMER & INHIBITOR & 5 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S W / SO WATER GAIN = 2 BUCKETS PER HOUR NEW YATER FOAMER WATER FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S W / SO WATER GAIN = 2 BUCKETS PER HOUR NEW YATER FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S W / SO WATER FOAMER WATER FOAMER PAD'S = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / SO WATER FOAMER WATER FOAMER PAD'S = RETURN'S TO SURFACE, MED TO	0/07/0000	00.00 07.00	1 00	CNA		OOC MIDI	
07:00 - 07:30	9/27/2003	06:00 - 07:00	1.00	CIVI	1	OUCIVIPL	
DISCUSSED BOP DRILLS Name of the provided HTML Name			0.50			0001101	
11.50		07:00 - 07:30	0.50	СМ	c	80CMPL	
19:00 - 19:30					١.		
19:30 - 06:00		1		1	1 '		
19:30 - 06:00		19:00 - 19:30	0.50	CM	1	80CMPL	1
8/28/2003 06:00 - 07:00 1.00 CM 1 80CMPL SAFETY MEETING WITH ALL PERSONEL ON LOCATION 07:30 - 14:00 0.50 CM 1 80CMPL SAMPLE CATCHER = 95% COAL & FINE'S W / 5% SHALE CLEAN OUT @ 3526' SAFETY MEETING WITH ALL PERSONEL ON LOCATION R&R C/O T/3526' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / NO WATER GAIN = 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & FINE'S W / 5% SHALE PULL UP INTO CASING LAYING DOWN 14 JOINTS OF DP. BOP DRILL. SURGE'S # 11, # 12, # 13, # 14 @ 1000# TO 1200# = SURGING W / 1.5 MMCFD AIR, 14 BPH MIST, 2 GAL'S FOAMER & INHIBITOR & 5 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S R&R CLEAN OUT @ 3370' MAKING 2 BUCKETS PER HOUR R&R CLEAN OUT @ 3370' MAPPROXIMATLEY 2 BUCKETS PER HOUR SAFETY MEETING WITH ALL PERSONEL ON LOCATION AND RIG SERVICE.							
FINE'S W / NO WATER GAIN = 5 DOWN TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & FINE'S W / 5% SHALE	,	19:30 - 06:00	10.50	CM	1	80CMPL	
HOUR OFF SAMPLE CATCHER = 95% COAL & FINE'S W / 5% SHALE					ŀ		
9/28/2003 06:00 - 07:00 0.50 0.							FINE'S W / NO WATER GAIN = 5 DOWN TO 2 BUCKET'S PER
9/28/2003 06:00 - 07:00 1.00 CM 1 80CMPL SAFETY MEETING WITH ALL PERSONEL ON LOCATION R&R C/O T/ 3526' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER RINHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / NO WATER GAIN = 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & FINE'S W / 5% SHALE 14:00 - 14:30 0.50 CM 1 80CMPL SURGE'S # 11, # 12, # 13, # 14 @ 1000#TO 1200# = SURGING W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER SAMPLE CATCHER = 95% COAL & FINE'S W / 5% SHALE 14:30 - 20:00 5.50 CM 1 80CMPL SURGE'S # 11, # 12, # 13, # 14 @ 1000#TO 1200# = SURGING W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR & 5 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S 20:00 - 20:30 0.50 CM 1 80CMPL TIPI IN HOLE, TAG @ 3300' TRIP IN HOLE, TAG @ 3300' R&R CLEAN OUT @ 3370, MAKING 2 BUCKETS PER HOUR 9/29/2003 0.50 CM 1 80CMPL SAFETY MEETING WITH ALL PERSONEL ON LOCATION AND RIG SERVICE.	 						HOUR OFF SAMPLE CATCHER = 95% COAL & FINE'S W / 5%
07:00 - 07:30					1		SHALE
07:30 - 14:00	9/28/2003	06:00 - 07:00	1.00	СМ	1	80CMPL	CLEAN OUT @ 3526'
07:30 - 14:00		07:00 - 07:30	0.50	СМ	c	80CMPL	SAFETY MEETING WITH ALL PERSONEL ON LOCATION
\$\text{NHIBITOR} = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / NO WATER GAIN = 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & FINE'S W / 5% SHALE PULL UP INTO CASING LAYING DOWN 14 JOINTS OF DP. BOP DRILL. \$\text{14:30 - 20:00} \tag{5.50} CM					1	80CMPL	R&R C/O T/ 3526' W / 1.5 MMCFD AIR. 12 BPH MIST. 1 GAL FOAMER
14:00 - 14:30		37.00			'		
14:00 - 14:30							· ·
14:00 - 14:30 14:30 - 20:00 14:30 - 20:00 14:30 - 20:00 15:50 CM 1 80CMPL 80CMPL SURGE'S # 11, # 12, # 13, # 14 @ 1000# TO 1200# = SURGING W / 1.5 MMCFD AIR, 14 BPH MIST, 2 GAL'S FOAMER & INHIBITOR & 5 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S TRIP IN HOLE, TAG @ 3300' 80CMPL 9/29/2003 9/29/2003 06:00 - 07:00 07:00 - 07:30 0.50 CM 1 80CMPL 1 80CMPL R&R CLEAN OUT TO 3370, MAKING 2 BUCKETS PER HOUR R&R CLEAN OUT @ 3370' APPROXIMATLEY 2 BUCKETS PER HOUR SAFETY MEETING WITH ALL PERSONEL ON LOCATION AND RIG SERVICE.							
DRILL. 14:30 - 20:00 5.50 CM 1 80CMPL SURGE'S # 11, # 12, # 13, # 14 @ 1000# TO 1200# = SURGING W / 1.5 MMCFD AIR, 14 BPH MIST, 2 GAL'S FOAMER & INHIBITOR & 5 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S 20:00 - 20:30 20:30 - 06:00 9:50 CM 1 80CMPL R&R CLEAN OUT TO 3370, MAKING 2 BUCKETS PER HOUR 06:00 - 07:00 07:00 - 07:30 0.50 CM 1 80CMPL R&R CLEAN OUT @ 3370' APPROXIMATLEY 2 BUCKETS PER HOUR SAFETY MEETING WITH ALL PERSONEL ON LOCATION AND RIG SERVICE.		14.00 14.20	0.50	CNA	4	90CMDI	
14:30 - 20:00		14:00 - 14:30	0.50	CIVI	1'	OUCIVIPL	
20:00 - 20:30		14.00 00.00		014		00001101	
BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S 20:00 - 20:30 20:30 - 06:00 9/29/2003 06:00 - 07:00 07:00 - 07:30 0.50 CM 1 80CMPL 80CMPL R&R CLEAN OUT TO 3370, MAKING 2 BUCKETS PER HOUR R&R CLEAN OUT @ 3370' APPROXIMATLEY 2 BUCKETS PER HOUR SAFETY MEETING WITH ALL PERSONEL ON LOCATION AND RIG SERVICE.		14:30 - 20:00	5.50	CM	1"	BUCMPL	
20:00 - 20:30							
20:00 - 20:30							
20:30 - 06:00 9.50 CM 1 80CMPL 80CMPL R&R CLEAN OUT TO 3370, MAKING 2 BUCKETS PER HOUR R&R CLEAN OUT @ 3370' APPROXIMATLEY 2 BUCKETS PER HOUR SAFETY MEETING WITH ALL PERSONEL ON LOCATION AND RIG SERVICE.							
9/29/2003 06:00 - 07:00 1.00 CM 1 80CMPL R&R CLEAN OUT @ 3370' APPROXIMATLEY 2 BUCKETS PER HOUR SAFETY MEETING WITH ALL PERSONEL ON LOCATION AND RIG SERVICE.		I			[1		
07:00 - 07:30 0.50 CM c 80CMPL SAFETY MEETING WITH ALL PERSONEL ON LOCATION AND RIG SERVICE.			9.50	СМ	1	80CMPL	
07:00 - 07:30 0.50 CM c 80CMPL SAFETY MEETING WITH ALL PERSONEL ON LOCATION AND RIG SERVICE.	9/29/2003	06:00 - 07:00	1.00	СМ	1	80CMPL	R&R CLEAN OUT @ 3370' APPROXIMATLEY 2 BUCKETS PER HOUR
	4		0.50	СМ	С	80CMPL	SAFETY MEETING WITH ALL PERSONEL ON LOCATION AND RIG
							SERVICE.
	1			1			
				l			

Operations Summary Report

Legal Well Name:

SAN JUAN 32-7 UNIT FRUITLA 000221A

Common Well Name: SAN JUAN 32-7 FRUITLAND #221A UNIT

Event Name:

Original Completion

8/13/2003

Spud Date: 9/1/2003

End:

10/10/2003

Contractor Name:

Rig Release: 10/10/2003

Group:

KEY FOUR CORNERS

Rig Number: 27

Rig Name:

KEY ENERGY

Trig Mairie.		1		Sub	1618 <u>6</u> 587 G21	Trig Number: 27
Date	From - To	Hours	Code	Code		Description of Operations
9/29/2003	07:30 - 19:00	11.50	СМ	1	80CMPL	R&R C/O T/ 3526' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER
						& INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL &
						FINE'S W / NO WATER GAIN = 4 BUCKET'S PER HOUR OFF
						SAMPLE CATCHER = 95% COAL & FINE'S W / 5% SHALE
	19:00 - 19:30	0.50	CM	С	80CMPL	SAFETY MEETING WITH ALL PERSONEL ON LOCATION
	19:30 - 06:00	10.50	СМ	1	80CMPL	R&R CLEAN OUT @ 3526' DOWN FROM 4 BUCKETS TO 2 BUCKETS PER HOUR.
9/30/2003	06:00 - 07:00	1.00	CM	1	80CMPL	CLEAN OUT @ 3526'
	07:00 - 07:30		СМ	С	80CMPL	SAFETY MEETING WITH ALL PERSONEL ON LOCATION
	07:30 - 08:30	1.00	СМ	1	80CMPL	CLEAN OUT @ 3526' DOWN FROM 2 BUCKETS TO 1 BUCKET PER HOUR.
	08:30 - 09:00	0.50	СМ	1	80CMPL	PULL UP HOLE LAYING DOWN 14 JOINTS OF DP.
	09:00 - 10:00	1.00	CM	u	80CMPL	2" OPEN FLOW TEST
						15 MIN'S-800 MCFD
						30 MIN'S-900 MCFD
				1		45 MIN'S-1000 MCFD
						1 HR-1000 MCFD
	10:00 - 11:00	1.00	СМ	t	80CMPL	SHUT IN TEST
						ISIP-50#
	1					15 MIN'S-180#
						30 MIN'S-250#
						45 MIN'S-270#
						1 HR-280#
	11:00 - 19:00	8.00	СМ	1	80CMPL	SURGE'S # 15, # 16, # 17, # 18 @ 1000# TO 1200# = SURGING W /
	1.1.00	0.00		1.		1.5 MMCFD AIR, 14 BPH MIST, 2 GAL'S FOAMER & INHIBITOR & 5
						BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT
	1					TO MED COAL & FINE'S
	19:00 - 19:30	0.50	СМ	С	80CMPL	SAFETY MEETING WITH ALL PERSONEL ON LOCATION
	19:30 - 20:00		CM	1	80CMPL	TRIP IN HOLE, TAG @ 3355'
	20:00 - 06:00	10.00	1	1	80CMPL	R&R CLEAN OUT TO 3370' 4 BUCKETS PER HOUR
10/1/2003	06:00 - 14:30	8.50		1	80CMPL	R&R CLEAN OUT 3380' TO 3526' HEAVY COAL AFTER CLEANING
10/1/2003	00.00 - 14.30	0.50	Civi	'	BOCIVIEL	OUT BRIDGE 3380'
	14:30 - 15:00	0.50	CM	1	80CMPL	
		ľ	1			PULL UP HOLE LAYING DOWN 14 JOINTS.
	15:00 - 16:00	1.00	СМ	u	80CMPL	2" OPEN FLOW TEST
						15 MIN'S-1300 MCFD
						30 MIN'S-1450 MCFD
						45 MIN'S-1500 MCFD
	40.00 47.00	4.00	244	l.	2001451	1 HR-1500 MCFD
	16:00 - 17:00	1.00	СМ	t	80CMPL	SHUT IN TEST
			l			ISIP-50#
						15 MIN'S-190#
						30 MIN'S-250#
						45 MIN'S-270#
					:	1 HR-280#
	17:00 - 20:00	3.00	CM	1	80CMPL	SURGE'S # 23, # 24, # 25, # 26 @ 1000# TO 1200# = SURGING W /
					ļ	1.5 MMCFD AIR, 14 BPH MIST, 2 GAL'S FOAMER & INHIBITOR & 5
					į	BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, MEDIUM
						TO HEAVY COAL & FINE'S.
	20:00 - 20:30	0.50	CM	С	80CMPL	SAFETY MEETING WITH ALL PERSONEL ON LOCATION, BOP
						DRILL
	20:30 - 21:00	0.50	CM	1	80CMPL	TIH TO 3277'
	21:00 - 06:00	9.00		1	80CMPL	R&R CLEAN OUT FROM 3277' TO 3463' MAKING 2 BUCKETS PER
						HOUR, 1/2 TO 1 BBL PER HOUR OF WATER
	1		1	1	1	1

Operations Summary Report

Legal Well Name:

SAN JUAN 32-7 UNIT FRUITLA 000221A

From - To

06:00 - 07:00 07:00 - 07:30

07:30 - 13:00

13:00 - 13:30

13:30 - 19:30

19:30 - 20:00

20:00 - 20:30

20:30 - 06:00

06:00 - 07:00

07:00 - 07:30

07:30 - 19:00

19:00 - 19:30

19:30 - 06:00

06:00 - 06:30

06:30 - 07:00

07:00 - 07:30

07:30 - 10:00

10:00 - 10:30

10:30 - 19:00

19:00 - 19:30

19:30 - 06:00

06:00 - 07:00

07:00 - 07:30

Common Well Name: SAN JUAN 32-7 FRUITLAND #221A UNIT

Sub

Code

С

c

С

lс

С

Phase

80CMPL

Event Name:

Original Completion

Spud Date: 9/1/2003

alres.

8/13/2003

End: 10/10/2003

Contractor Name:

KEY FOUR CORNERS

Code

Rig Release: 10/10/2003

Group:

Rig Name: Date

10/2/2003

10/3/2003

10/4/2003

10/5/2003

KEY ENERGY

1.00 CM

0.50 CM

5.50 CM

0.50 CM

6.00 CM

0.50 CM

0.50 CM

9.50 CM

1.00 CM

0.50 CM

11.50 CM

0.50 CM

10.50 CM

0.50 CM

0.50 CM

0.50 CM

2.50 CM

0.50 CM

8.50 CM

0.50 CM

10.50 CM

1.00 CM

0.50 CM

Hours

Rig Number: 27

SERVICE.

CATCHER.

CATCHER.

CATCHER

CATCHER.

Description of Operations CLEAN OUT TO 3487' SAFETY MEETING WITH ALL PERSONEL ON LOCATION AND RIG R&R CLEAN OUT 3487' TO 3526' GOOD COAL 2 TO 3 BUCKETS PER HOUR, 1/2 TO 1 BARREL OF WATER PER HOUR. PULL UP HOLE LAYING DOWN 14 JTS OF DP SURGE'S # 27, # 28, # 29, # 30, # 31 @ 1000# TO 1200# = SURGING W / 1.5 MMCFD AIR, 14 BPH MIST, 2 GAL'S FOAMER & INHIBITOR & 5 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, MEDIUM TO HEAVY COAL & FINE'S SAFETY MEETING WITH ALL PERSONEL. RIG SERVICE. TRIP IN HOLE, TAG AT 3300'. R&R C/O 3300' TO 3432' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO HEAVY COAL & FINE'S = 4 BUCKET'S PER HOUR OFF SAMPLE R&R C/O 3432' TO 3462' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO HEAVY COAL & FINE'S = 2 BUCKET'S PER HOUR OFF SAMPLE SAFETY MEETING WITH ALL PERSONEL ON LOCATION R&R C/O 3462' TO 3493' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO HEAVY COAL & FINE'S = 3 BUCKET'S PER HOUR OFF SAMPLE SAFETY MEETING AND JSA WITH ALL PERSONEL ON LOCATION R&R C/O 3493' TO 3526' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO HEAVY COAL & FINE'S = 2 BUCKET'S PER HOUR OFF SAMPLE **R&R CLEAN OUT @ 3526'** PULL UP HOLE LAYING DOWN 14 JOINTS OF DP SAFETY MEETING WITH ALL PERSONEL AND JSA. 2" OPEN FLOW TEST 30 MIN'S-1500 MCFD 60 MIN'S-1600 MCFD 90 MIN'S-1650 MCFD 120 MIN'S-1800 MCFD WATER IS TSTM RUN IN HOLE TAG @ 3328' R&R C/O 3328' TO $3\bar{5}26'$ W / 1.5 MMCFD AIR, 10 TO 12 BPH MIST, 1 GAL FOAMER & INHIBITOR & 6 GAL PER HOUR POLYMER = RETURN'S TO SURFACE, MED TO HEAVY COAL & FINE'S = 2 TO 4 BUCKET'S PER HOUR OFF SAMPLE CATCHER. VERY FINE COALS SAFETY MEETING WTH ALL PERSONEL AND JSA R&R C/O 3526' W / 1.5 MMCFD AIR, 8 BPH MIST, 1 GAL FOAMER & INHIBITOR & 6 GAL PER HOUR POLYMER = RETURN'S TO SURFACE, VERY FINE COALS = 2 TO 4 BUCKET'S PER HOUR OFF SAMPLE CATCHER.

CLEAN OUT @ 3526' MAKING 2 BUCKETS PER HOUR, HOLE WILL FILL BACK IN AS SOON AS PIPE IS PULLED ABOVE THIS POINT.

SAFETY MEETING WITH ALL PERSONEL AND JSA

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CONOCOPHILLIPS CO

Operations Summary Report

Legal Well Name: SAN JUAN 32-7 UNIT FRUITLA 000221A Common Well Name: SAN JUAN 32-7 FRUITLAND #221A UNIT

Common Well Name: SAN JUAN 32-7 FRUITLAND #221A UNIT Spud Date: 9/1/2003 Event Name: Original Completion Start: 8/13/2003 End: 10/10/2003

Contractor Name: KEY FOUR CORNERS Rig Release: 10/10/2003 Group:

Rig Name: KEY ENERGY Rig Number: 27

Rig Name.	4 : 5-55		ENGT Named Stories	a cassings	d 57, 91 ss.	The first and the second that the second and the second
Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/5/2003	07:30 - 19:00	11.50	СМ	1	80CMPL	R&R C/O 3526' TO 3556' W / 1.5 MMCFD AIR, 8 BPH MIST, 1 GAL FOAMER & INHIBITOR & 6 GAL PER HOUR POLYMER = RETURN'S TO SURFACE, VERY FINE COALS = 2 TO 4 BUCKET'S PER HOUR OFF SAMPLE CATCHER. CHANGED TO THE 744 POLYMER @ 4:00PM
	19:00 - 19:30	0.50	CM	С	80CMPL	SAFETY MEETING WITH ALL PERSONEL AND JSA
	19:30 - 06:00	10.50	СМ	1	80CMPL	R&R C/O 3556' W / 1.5 MMCFD AIR, 6 BPH MIST, 1 GAL FOAMER & INHIBITOR & 6 GAL PER HOUR POLYMER = RETURN'S TO SURFACE, VERY FINE COALS = 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER.
10/6/2003	06:00 - 07:00	1.00	СМ	1	80CMPL	CLEAN OUT AT 3556' W / 1.5 MMCFD AIR, 6 BPH MIST, 1 GAL FOAMER & INHIBITOR & 6 GAL PER HOUR POLYMER = RETURN'S TO SURFACE, VERY FINE COALS = 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER.
	07:00 - 07:30	0.50	СМ	С	80CMPL	SAFETY MEETING WITH ALL PERSONEL AND JSA
	07:30 - 19:00	11.50	CM	1	80CMPL	CLEAN OUT AT 3556' TO 3576' W / 1.5 MMCFD AIR, 4 BPH MIST, 1 GAL FOAMER & INHIBITOR & 6 GAL PER HOUR POLYMER = RETURN'S TO SURFACE, VERY FINE COALS = 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER.
	19:00 - 19:30	0.50	СМ	С	80CMPL	SAFETY MEETING WITH ALL PERSONEL AND JSA
	19:30 - 06:00	10.50	СМ	1	80CMPL	CLEAN OUT AT 3556' TO 3576' W / 1.5 MMCFD AIR, 6 BPH MIST, 1 GAL FOAMER & INHIBITOR & 6 GAL PER HOUR POLYMER = RETURN'S TO SURFACE, VERY FINE COALS = 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER.
10/7/2003	06:00 - 07:00	1.00	СМ	1	80CMPL	CLEAN OUT AT 3556' W / 1.5 MMCFD AIR, 6 BPH MIST, 1 GAL FOAMER & INHIBITOR & 6 GAL PER HOUR POLYMER = RETURN'S TO SURFACE, VERY FINE COALS = 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER.
	07:00 - 07:30	0.50	СМ	С	80CMPL	SAFETY MEETING WITH ALL PERSONEL AND JSA
	07:30 - 10:30	3.00	СМ	1	80CMPL	CLEAN OUT AT 3556' W / 1.5 MMCFD AIR, 6 BPH MIST, 1 GAL FOAMER & INHIBITOR & 6 GAL PER HOUR POLYMER = RETURN'S TO SURFACE, VERY FINE COALS = 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER.
	10:30 - 13:30	3.00	СМ	1	80CMPL	SHORT TRIP INTO CASING, TRIP IN HOLE, SMALL BRIDGE AT 3485' TAG AT 3520'
	13:30 - 19:00	5.50	СМ	1	80CMPL	CLEAN OUT AT 3520' TO 3556' W / 1.5 MMCFD AIR, 6 BPH MIST, 4 GAL FOAMER & INHIBITOR & 6 TO 8 GAL PER HOUR POLYMER = RETURN'S TO SURFACE, VERY FINE COALS = 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER.
	19:00 - 19:30	0.50	CM	c	80CMPL	SAFETY MEETING WITH ALL PERSONEL AND JSA
	19:30 - 03:00	7.50	·CM	1	80CMPL	CLEAN OUT AT 3556' W / 1.5 MMCFD AIR, 6 BPH MIST, 4 GAL FOAMER & INHIBITOR & 6 TO 8 GAL PER HOUR POLYMER = RETURN'S TO SURFACE, VERY FINE COALS = 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER.
	03:00 - 05:00	2.00	СМ	1	80CMPL	PULL UP INTO CASING LAYING DOWN 16 JOINTS WITH SWIVEL. RIG DOWN SWIVEL AND HANG IN DERRICK.
	05:00 - 06:00	1.00	CM	1	80CMPL	TRIP OUT OF HOLE TO RUN 5 1/2 CASING
4	06:00 - 08:30	2.50		4	80CMPL	TRIP OUT OF HOLE TO RUN 5 1/2 CASING
I	08:30 - 09:30	1.00		1	80CMPL	CHANGE RAMS, PRIMARY RAMS TO 5 1/2
I	09:30 - 12:00	2.50		1	80CMPL	RUN 5 1/2 LINER
ľ	12:00 - 14:00 14:00 - 16:30	2.00 2.50		4 1	80CMPL 80CMPL	RIG DOWN CASING TONGS AND TOOLS AND TRIP IN HOLE PICK UP SINGLES WITH SWIVEL AND CLEAN OUT TO BOTTOMWASH BRIDGES @ 3351,3507, 3545

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CONOCOPHILLIPS CO

Operations Summary Report

Legal Well Name: SAN JUAN 32-7 UNIT FRUITLA 000221A Common Well Name: SAN JUAN 32-7 FRUITLAND #221A UNIT

Event Name:

Original Completion

8/13/2003

Spud Date: 9/1/2003 End:

10/10/2003

Contractor Name:

KEY FOUR CORNERS

Rig Release: 10/10/2003

Group:

Rig Name:

KEY ENERGY

Rig Number: 27

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/8/2003	16:30 - 17:00	0.50	СМ	1	80CMPL	SET LINER HANGER AND STING OUT.
	17:00 - 17:30	0.50	СМ	1	80CMPL	LAY DOWN AND LOAD OUT POWER SWIVEL.
	17:30 - 19:00	1.50	СМ	1	80CMPL	LAY DOWN DRILL PIPE, SECURE WELL AND SHUT DOWN FOR THE NIGHT.
10/9/2003	06:00 - 07:00	1.00	CM	z	80CMPL	SHUT DOWN FOR THE NIGHT.
	07:00 - 07:30	0.50	CM	С	80CMPL	SAFETY MEETING AND JSA.
	07:30 - 08:00	0.50	1	1	80CMPL	BLOW DOWN WELL, 390# SHUT IN PRESSURE
	08:00 - 10:00	2.00	CM	2	80CMPL	FINISH LAYING DOWN DRILL PIPE, TRIP IN HOLE WITH DRILL COLLARS AND LAY DOWN SAME.
	10:00 - 11:30	1.50	СМ	1	80CMPL	CHANGE RAMS AND EQUIPMENT OVER TO 2 7/8.
	11:30 - 12:00	0.50	СМ	С	80CMPL	PJSM WITH ALL PERSONEL ON LOCATION AND WITH BLUE JET PERSONEL.
	12:00 - 14:30	2.50	СМ	q	80CMPL	RIG UP AND PERFORATE
	14:30 - 17:00	2.50	СМ	2	80CMPL	PICK UP TUBING
						EXPENDABLE CHECK .80
						PUP JOINT 4.15
						F-NIPPLE 1.04
						106 JTS 2 7/8 TBG 3264.86
			İ			1 PUP JOINT 8.20
						1 JT 2 7/8 TBG 31.25 KB 11.00
						KB 11.00 BOTTOM OF TUBING @ 3321.30
						LAND DONUT
	17:00 - 18:00	1.00	СМ	е	80CMPL	NIPPLE DOWN BOP AND NIPPLE UP UPPER TREE. PRESSURE
						TEST TREE TO 3000# OK
	18:00 - 19:00	1.00	СМ	1	80CMPL	PUMP BALL 900# AND BLOW HOLE
	19:00 - 06:00	11.00	CM	z	80CMPL	SECURE WELL AND SHUT DOWN FOR THE NIGHT.
10/10/2003	06:00 - 07:00	1.00	СМ	1	80CMPL	SHUT DOWN FOR THE NIGHT
	07:00 - 17:00	10.00	CM	z	80CMPL	RIG DOWN AND RIG MAINTENANCE
	17:00 - 06:00	13.00	СМ	1	80CMPL	RIGGED DOWN AND RELEASED RIG AND EQUIPMENT 10/9/03
						WELL SECURED. SHUT DOWN FOR THE NIGHT
1			ĺ			