

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM84809

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No. NMNM78424B		
2. Name of Operator CONOCOPHILLIPS COMPANY			8. Lease Name and Well No. SJ 32-8 202A		
3. Address 5525 HIGHWAY 64 FARMINGTON, NM 87401			9. API Well No. 30-045-31702-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements) Sec 27 T32N R8W Mer NMP At surface SENW 1600FNL 1300FWL 36.95750 N Lat, 107.66640 W Lon At top prod interval reported below At total depth			10. Field and Pool, or Exploratory BASIN FRUITLAND COAL		
14. Date Spudded 07/13/2003			15. Date T.D. Reached 08/17/2003		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 08/31/2003			17. Elevations (DF, KB, RT, GL)* 6742 GL		
18. Total Depth: MD 3709 TVD		19. Plug Back T.D.: MD 3684 TVD		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)		

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 H40	32.0	0	234		155		0	
8.750	7.000 J55	20.0	0	3314		520		0	
6.250	5.500 J55	16.0	3257	3687		0		0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	3586							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	3358	3550	3358 TO 3550	0.750	236	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3358 TO 3550	CAVITATE

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/16/2003	08/27/2003	24	→	0.0	2065.0	2.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
PITOT	SI	100.0	→	0	2065	2		PGW	ACCEPTED FOR RECORD

28a. Production - Interval B

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

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

ELECTRONIC SUBMISSION #24084 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

NWCCD

28b. Production - Interval C

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

28c. Production - Interval D

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

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

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
SAN JOSE	0	1020		NACIMIENTO	905
NACIMIENTO	1020	2358		OJO ALAMO	2380
OJO ALAMO	2358	2447		KIRTLAND	2425
				FRUITLAND	3230
				PICTURED CLIFFS	3650

32. Additional remarks (include plugging procedure):

This well is a single producing Basin Fruitland Coal. Attached are the daily summaries and current wellbore schematic.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #24084 Verified by the BLM Well Information System.

For CONOCOPHILLIPS COMPANY, sent to the Farmington

Committed to AFMSS for processing by ADRIENNE GARCIA on 10/29/2003 (04AXG1687SE)

Name (please print) DEBORAH MARBERRY

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 10/09/2003

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

END OF WELL SCHEMATICWell Name: San Juan 32-8 # 202AAPI #: 30-045-31702Location: 1600 FNL & 1300 FWL

Sect 27 - T32N - R8W

Elevation: 6742'Drl Rig RKB: 13' above Ground LevelDatum: Drl Rig RKB = 13' above GLSpud: 13-Jul-03Release Drl Rig: 17-Jul-03Move In Cav Rig: 12-Aug-03Release Cav Rig: 30-Aug-03**Surface Casing**Date set: 14-Jul-03Size 9 5/8 inSet at 234 ft # Jnts: 5Wt. 32.3 ppf Grade H-40Hole Size 12 1/4 inExcess Cmt 120 %Est. T.O.C. SURFACECsg Shoe 234 ftTD of 12-1/4" hole 244 ftNotified BLM @ 0:55 hrs on 13-Jul-03Notified NMOCD @ 0:55 hrs on 13-Jul-03**Intermediate Casing**Date set: 17-Jul-03Size 7 inSet at 3314 ft 80 jtsWt. 20 ppf Grade J-55Hole Size 8 3/4 inExcess Cmt 150 %Est. T.O.C. SURFACECsg Shoe 3314 ftTD of 8-3/4" Hole 3320 ftNotified BLM @ 18:25 hrs on 15-Jul-03Notified NMOCD @ 18:27 hrs on 15-Jul-03**Production Liner**Date set: 28-Aug-03Size 5 1/2 inBlank Wt. 15.5 ppfGrade J-55# Jnts: 10Hole Size 6 1/4Btm of Liner 3687 ftTop of Liner 3257 ftConnections: LTC & STLPBTD / Top of Bit Sub 3684Bottom of Liner / Bottom of 6-1/4" Bit: 3686TD 3709 ft

Trash Cap

7-1/16" 3M x 2-9/16" 5M Adapter Flange

11" 3M x 7 1/16" 3M Tubing Head

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

☒ New
☐ Used☒ New
☐ Used☒ New
☐ Used**Surface Cement**Date cmt'd: 14-Jul-03Lead : 155 sx Class G Cement+ 2% S001 Calcium Chloride+ 0.25 lb/sx D029 Cellophane Flakes1.16 cuft/sx, 179.8 cuft slurry at 15.8 ppgDisplacement: 15.0 bbls fresh wtrBumped Plug at: 390 psiFinal Circ Press: 66 psi @ 0.5 bpmReturns during job: YESCMT Returns to surface: 15 bblsFloats Held: No floats usedW.O.C. for 8.0 hrs (plug bump to test casing)**Intermediate Cement**Date cmt'd: 17-Jul-03Lead : 420 sx Class G Cement+ 3% D079 Extender+ 0.25 lb/sx D029 Cellophane Flakes+ 0.2% D046 Antifoam2.61cuft/sx, 1096 cuft slurry at 11.7 ppgTail : 100 sx 50/50 POZ : Class G cement+ 2% D020 Bentonite+ 2% S001 Calcium Chloride+ 5 lb/sx D024 Gilsonite+ 0.25 lb/sx D029 Cellophane Flakes+ 0.2% D046 Antifoam1.27 cuft/sx, 127 cuft slurry at 13.5 ppgDisplacement: 132.4 bbls FW/MudBumped Plug at: 2000 psiFinal Circ Press: 740 psi @ 2 bpmReturns during job: YESCMT Returns to surface: 4 bblsFloats Held: ☒ Yes ☐ No**UNCEMENTED LINER****COMMENTS:**Surface: No float equipment was run. Ran a guide shoe and an aluminum baffle plate 1 jt above the guide shoe.Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt.

Intermediate:

Production: 6.25" bit & bit sub and float run on bottom of liner - and ran a hydraulic liner hanger. Plugged up and got stuck.Perforated 5-1/2" liner. Ran 2-7/8", 6.5#, J-55 EUE 8rd, tubing (EOT at 3592' RKB) - Flowing gas well configuration.**CENTRALIZERS:**Surface: CENTRALIZERS @ 224', 146', 102' & 58'.Total: 4Intermediate: CENTRALIZERS @ 3304', 3229', 3146', 3064', 2981', 2899', & 206'.Total: 7TURBOLIZERS @ 2431', 2389', 2348'Total: 3

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000202A
 Common Well Name: SAN JUAN 32-8 FRUITLAND #202A UNIT
 Event Name: Original Completion
 Contractor Name: KEY FOUR CORNERS
 Rig Name: KEY ENERGY

Start: 06/20/2003
 Rig Release: 08/30/2003
 Rig Number: 940

Spud Date: 07/13/2003
 End:
 Group:

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
08/13/2003	09:00 - 13:00	4.00	MV	1	00MMIR	SAFETY MEETING-PRIOR TO STARTING OPERATIONS. MIRU KEY 940.
	13:00 - 14:00	1.00	WC	e	80CMPL	SI 7" INTERMEDIATE CSG -0- PSIG-NIPPLE UP BOP-NOTIFIED BLM @ 20:00, 8-11-2003 OF PENDING CSG INTEGRITY TEST.
	14:00 - 19:30	5.50	CM	6	80CMPL	RU AUXILARY EQUIPMENT.
08/14/2003	19:30 - 20:00	0.50	CM	z	80CMPL	SDON.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS-SICP -0- PSIG.
	07:30 - 09:00	1.50	DR	z	50PRDR	SLIP, CALIPER, & TALLY 3-1/2" DC'S-SLIP & TALLY 2-7/8" DP.
	09:00 - 11:30	2.50	WC	9	50PRDR	PT GROUND LINES T/200 PSIG -3MIN & 2000 PSIG-10 MIN (OK)-BREAK CIRCULATION THRU CHOKE MANIFOLD VIA KILL SPOOL & LOAD 7" CASING-NOTIFY: BLM OF PENDING CASING INTEGRITY TEST @ 20:00, 8-11-03-
						PERFORM CASING INTEGRITY TEST / PT BLIND RAMS / 7" CASING / CHOKE MANIFOLD INCREASE PRESSURE TO 250 PSIG -3MIN & 1800 / 2000 PSIG - 30MIN (OK).
	11:30 - 17:00	5.50	DR	4	50PRDR	MU 6-1/4" STX-09C TRI-CONE INSERT BIT JETTED W/3-20'S SN: (SN: L06JY) , W/3-1/2" REG BOX x 2-3/8"IF BOX BIT SUB BORED, TAPPED, AND CONTAINING A FLOAT VALVE, W/ 14-(3-1/2") DC'S W/ 2-3/8" IF PIN x 2-7/8" IF BOX X-O SUB TBHA 428.99'-GIH W/ A TOTAL OF 91JTS 2-7/8" IF DP CONTAINING A 2-7/8" OD X 1.875" ID F NIPPLE RUN 1-JT ABOVE DC'S & TAG TOP OF CMT @ 3250'KB.
	17:00 - 18:15	1.25	WO	w	50PRDR	SHUT DOWN & ALLOW STORM TO PASS OVER.
	18:15 - 19:15	1.00	DR	6	50PRDR	RIG UP POWER SWIVEL.
	19:15 - 20:30	1.25	WC	9	50PRDR	PT #2 PIPE RAMS CHOKE MANIFOLD T/250 PSIG -3MIN & 1850 PSIG -15MIN (OK)
						BLEED DOWN & CHECK FLOAT VALVE IN DRILL STRING (OK)-PT #1 PIPE RAMS, HCR VALVES TO T/250 PSIG -3MIN & 1850 PSIG -15MIN (OK)
						BLEED DOWN & CHECK FLOAT VALVE IN DRILL STRING (HOLDING OK)
						PT STAND PIPE, KELLY HOSE, POWER SWIVEL, TIW VALVE, AIR WATER MANIFOLD, KILL LINES TO 2000 PSIG -10MIN (OK).
08/15/2003						PT AIR & MIST PUMP LINES IN STAGES @ 300-500-1000-1400 PSIG (OK).
	20:30 - 21:15	0.75	DR	5	50PRDR	UNLOAD HOLE W/ AIR MIST.
	21:15 - 06:00	8.75	DR	1	50PRDR	DRILLOUT SOFT -HARD CMT F/ 3250-T/3270'KB FLOAT COLLAR, CMT, GS @ 3313'KB & OPEN HOLE SECTION F/ 3320 -T/3425'KB W/ 2.2 MMSCFD AIR & 12 BPH MIST W/ 4-8K WOB & 90 RPM'S.
						COAL INTERVALS NET FT OF COAL BGG MAX GAS UNITS
						3367-3370' 3' 3 409
						3372-3374' 2' 409 409
						3393-3394' 1' 357 NO SHOW
						DULL TO INTERMEDIATE W/ POORLY CLEATED CALCITE FILLED FRACTURED COALS.
						SAFETY MEETING-PRIOR TO STARTING OPERATIONS-DRILLING 6-1/4" OPEN HOLE SECTION F/3425 - T/ 3709'KB, PBTD-W/ 2.2 MMSCFD AIR & 10 BPH MIST-
						COAL INTERVALS NET FEET OF COAL BGG MAX GAS UNITS

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000202A
 Common Well Name: SAN JUAN 32-8 FRUITLAND #202A UNIT Spud Date: 07/13/2003
 Event Name: Original Completion Start: 06/20/2003 End:
 Contractor Name: KEY FOUR CORNERS Rig Release: 08/30/2003 Group:
 Rig Name: KEY ENERGY Rig Number: 940

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
08/15/2003	06:00 - 12:00	6.00	DR	1	50PRDR	3367-3370' (3') 3 409
						3372-3374' (2') 409 409
						3393-3394' (1') 330 NO CHANGE
						3470-3472' (2') 330 330
						3477-3480' (3') 448 448
						3481-3485' (4') 448 448
						3486-3491' (5') 425 425
						3492-3494' (2') 410 410
						3496-3500' (4') 410 425
						3529-3540' (11') 420 448
						3542-3548' (6') 448 448
						3600-3610' (10') 428 450
						3612-3622' (10') 450 469
						3632-3635' (3') 420 457
						TOTAL NET FEET OF COAL 66'.
	12:00 - 15:30	3.50	CM	1	80CMPL	R&R F/3678-T/3709'KB W/ 2.2 MMSCFD AIR & 10 BPH MIST- RETURNS: 2 DOWN TO 1/4 BUCKET /HR OFF SAMPLER VALVE OF VERY FINE COAL, SHALE, & SILTSTONE.
	15:30 - 16:15	0.75	CM	5	80CMPL	DRY UP WELLBORE PRIOR TO FLOW TEST- ~14 BWPD.
	16:15 - 17:00	0.75	CM	4	80CMPL	PULL UP INTO 7" @ 3306'KB.
	17:00 - 18:00	1.00	CM	u	80CMPL	FLOW TEST THRU 2" TIME CHOK MANIFOLD #S PITOT #S MSCFD / CONSISTENCY 15 MIN'S 14. 3.5 1150 / DRY 30 MIN'S 13.5 3.25 1073 / DRY 45 MIN'S 13.5 3.25 1073 / DRY 60 MIN'S 13.5 3.25 1073 / DRY ISIP-26 PSIG.
	18:00 - 03:30	9.50	CM	t	80CMPL	1-HR SHUT IN PRESSURE BUILD UP AND 2HR BUILDUPS FOR NATURAL SURGE. 15MIN 30MIN 45MIN 1HR 2HR RETURNS: PER HOUR SURGE #1 260# 430# 520# 620# 770# COUPLE OF HANDFULS OF FINE COAL SURGE #2 210# 410# 480# 590# 750# HANDFUL OF FINE COAL SURGE #3 250# 430# 530# 600# 750# HANDFUL OF FINE COAL BLOW AROUND TO PIT WITH AIR MIST-ALLOW WELL TO VENT TO ATMOSPHERE PRIOR TO SIPBU.
08/16/2003	03:30 - 06:00	2.50	CM	1	50PRDR	PERFORM AIR ASSIST SURGES W/ 5 BBL WATER PADS T/1100 PSIG- SURGE #4 RETURNS: 1/4 BUCKET / HR OF VERY FINE FACE POWDER COAL. SURGE #5 RETURNS: 1/4 BUCKET / HR OF VERY FINE FACE POWDER COAL.
	06:00 - 08:30	2.50	CM	1	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS- PERFORM AIR ASSIST SURGE #6 W/ 5 BBL WATER PADS T/1100 PSIG- SURGE #6 RETURNS: HANDFUL OF VERY FINE FACE POWDER COAL. POSSIBLY BRIDGED OFF.

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000202A
 Common Well Name: SAN JUAN 32-8 FRUITLAND #202A UNIT
 Event Name: Original Completion Start: 06/20/2003 End: 07/13/2003
 Contractor Name: KEY FOUR CORNERS Rig Release: 08/30/2003 Group:
 Rig Name: KEY ENERGY Rig Number: 940

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
08/16/2003	08:30 - 09:00	0.50	CM	4	80CMPL	GIH W/ 6-1/4" DRLG ASSEMBLY F/3306 & TAG UP @ 3534'KB.
	09:00 - 06:00	21.00	CM	1	80CMPL	R&R F/3534-T/3635'KB W/ 2.2 MMSCFD AIR & 10 BPH MIST- RETURNS: 2 DOWN TO 1+ BUCKET /HR OFF SAMPLER VALVE OF 98% VERY FINE COAL (FRAC SAND GRIT) & ~ 2% SHALE.
08/17/2003	06:00 - 08:00	2.00	CM	1	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS- R&R F/3616-T/3635'KB W/ 2.2 MMSCFD AIR & 10 BPH MIST- RETURNS: 1 DOWN TO 1/2 BUCKET /HR OFF SAMPLER VALVE OF 98% VERY FINE COAL (FRAC SAND GRIT) & ~ 2% SHALE.
	08:00 - 08:30	0.50	CM	5	80CMPL	DRY UP WELLBORE PRIOR TO FLOW TEST- ~20-25 BWPD.
	08:30 - 09:00	0.50	CM	4	80CMPL	PULL UP INTO 7" @ 3306'KB.
	09:00 - 10:00	1.00	CM	u	80CMPL	FLOW TEST THRU 2" TIME CHOKES MANIFOLD #S PITOT #S MSCFD / CONSISTENCY
						15 MIN'S 21.0 5.25 1394 / DRY
						30 MIN'S 21.0 5.25 1394 / DRY
						45 MIN'S 24.0 6.0 1520 / DAMP
						60 MIN'S 24.0 6.0 1520 / DAMP
						ISIP-41 PSIG.
	10:00 - 16:45	6.75	CM	t	80CMPL	1-HR SHUT IN PRESSURE BUILD UP AND 2HR BUILDUPS FOR NATURAL SURGE. 15MIN 30MIN 45MIN 1HR 2HR RETURNS:
						PER HOUR
						SURGE # 7 275# 450# 575# 625# 690# HANDFUL OF FINE COAL
						SURGE # 8 250# 445# 580# 630# 700# HANDFUL OF FINE COAL
						BLOW WELL DRY PRIOR TO FLOW TEST.
	16:45 - 17:45	1.00	CM	u	80CMPL	FLOW TEST THRU 2" TIME CHOKES MANIFOLD #S PITOT #S MSCFD / CONSISTENCY
						15 MIN'S 16.0 4.0 1236 / DRY
						30 MIN'S 20.0 5.0 1374 / DAMP
						45 MIN'S 20.0 5.0 1374 / DAMP
						60 MIN'S 20.0 5.0 1374 / DAMP
						ISIP-35 PSIG.
	17:45 - 23:00	5.25	CM	1	80CMPL	PERFORM AIR ASSIST SURGES W/ 5 BBL WATER PADS T/1100 PSIG- SURGE #9 RETURNS: 1/4 BUCKET / HR OF VERY FINE FACE POWDER COAL.
						SURGE #10 RETURNS: HANDFUL OF VERY FINE FACE POWDER COAL.
	23:00 - 00:00	1.00	CM	u	80CMPL	FLOW TEST THRU 2" TIME CHOKES MANIFOLD #S PITOT #S MSCFD / CONSISTENCY
						15 MIN'S 21.0 5.25 1394 / WET
						30 MIN'S 24.0 6.0 1520 / WET
						45 MIN'S 26.0 6.5 1584 / WET
						60 MIN'S 26.0 6.5 1584 / WET
						ISIP-47PSIG.
	00:00 - 00:30	0.50	CM	4	80CMPL	GIH W/ 6-1/4" DRLG ASSEMBLY & TAG @ 3585'KB.
	00:30 - 06:00	5.50	CM	1	80CMPL	R&R F/3585-T/3616'KB W/ 2.2 MMSCFD AIR & 10 BPH MIST- RETURNS: 2 DOWN TO 1+ BUCKET /HR OFF SAMPLER VALVE OF

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000202A
 Common Well Name: SAN JUAN 32-8 FRUITLAND #202A UNIT
 Event Name: Original Completion Start: 06/20/2003 End: 07/13/2003
 Contractor Name: KEY FOUR CORNERS Rig Release: 08/30/2003 Group:
 Rig Name: KEY ENERGY Rig Number: 940

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
08/17/2003	00:30 - 06:00	5.50	CM	1	80CMPL	98% VERY FINE COAL (FRAC SAND GRIT) & ~ 2% SHALE.
08/18/2003	06:00 - 08:45	2.75	CM	1	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS- R&R F/3616-T/3635'KB W/ 2.2 MMSCFD AIR & 10 BPH MIST- RETURNS: 1 DOWN TO 1/2 BUCKET /HR OFF SAMPLER VALVE OF 98% VERY FINE COAL (FRAC SAND GRIT) & ~ 2% SHALE.
	08:45 - 09:15	0.50	CM	5	80CMPL	DRY UP WELLBORE PRIOR TO FLOW TEST- ~20 BWPD.
	09:15 - 09:45	0.50	CM	4	80CMPL	PULL UP INTO 7" @ 3306'KB.
	09:45 - 10:45	1.00	CM	u	80CMPL	FLOW TEST THRU 2" TIME CHOKER MANIFOLD #S PITOT #S MSCFD / CONSISTENCY 15 MIN'S 17.0 4.25 1294 / DRY 30 MIN'S 20.0 5.0 1374 / DAMP 45 MIN'S 20.0 5.0 1374 / DAMP 60 MIN'S 20.0 5.0 1374 / DAMP ISIP-32 PSIG.
	10:45 - 17:00	6.25	CM	t	80CMPL	1-HR SHUT IN PRESSURE BUILD UP AND 2HR BUILDUPS FOR NATURAL SURGE. 15MIN 30MIN 45MIN 1HR 2HR RETURNS: PER HOUR SURGE # 11 110# 290# 450# 550# 700# HANDFUL OF FINE COAL SURGE # 12 230# 490# 570# 640# 720# HANDFUL OF FINE COAL BLOW WELL DRY PRIOR TO FLOW TEST.
	17:00 - 18:00	1.00	CM	u	80CMPL	FLOW TEST THRU 2" TIME CHOKER MANIFOLD #S PITOT #S MSCFD / CONSISTENCY 15 MIN'S 18.0 4.5 1304 / DRY 30 MIN'S 18.0 4.5 1304 / DRY 45 MIN'S 23.0 5.75 1374 / DAMP 60 MIN'S 23.0 5.75 1374 / DAMP ISIP-38 PSIG.
	18:00 - 23:00	5.00	CM	1	80CMPL	PERFORM AIR ASSIST SURGES W/ 5 BBL WATER PADS T/1100 PSIG- SURGE #13 RETURNS: 1/4 BUCKET / HR OF VERY FINE FACE POWDER COAL. SURGE #14 RETURNS: 1/4 BUCKET / HR OF VERY FINE FACE POWDER COAL. SURGE #15 RETURNS: 1/4 BUCKET / HR OF VERY FINE FACE POWDER COAL. BLOW WELL PRIOR TO FLOW TEST.
	23:00 - 00:00	1.00	CM	u	80CMPL	FLOW TEST THRU 2" TIME CHOKER MANIFOLD #S PITOT #S MSCFD / CONSISTENCY 15 MIN'S 24.0 6.0 1520 / WET 30 MIN'S 23.0 5.75 1505 / WET 45 MIN'S 23.0 5.75 1505 / WET 60 MIN'S 23.0 5.75 1505 / WET ISIP-38 PSIG.
	00:00 - 00:30	0.50	CM	4	80CMPL	GIH W/ 6-1/4" DRLG ASSEMBLY & TAG @ 3595'KB.
	00:30 - 06:00	5.50	CM	1	80CMPL	R&R F/3585-T/3616'KB W/ 2.2 MMSCFD AIR & 10 BPH MIST- RETURNS: 2 DOWN TO 1-1/2 BUCKET(S) /HR OFF SAMPLER VALVE

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000202A
 Common Well Name: SAN JUAN 32-8 FRUITLAND #202A UNIT
 Event Name: Original Completion Start: 06/20/2003 End: 07/13/2003
 Contractor Name: KEY FOUR CORNERS Rig Release: 08/30/2003 Group:
 Rig Name: KEY ENERGY Rig Number: 940

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
08/18/2003	00:30 - 06:00	5.50	CM	1	80CMPL	OF 98% VERY FINE COAL (FRAC SAND GRIT) & ~ 2% SHALE.
08/19/2003	06:00 - 09:30	3.50	CM	1	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS- R&R F/3616-T/3635'KB W/ 2.2 MMSCFD AIR & 10 BPH MIST- RETURNS: 1-1/2 DOWN TO 1/2 BUCKET /HR OFF SAMPLER VALVE OF 98% VERY FINE COAL (FRAC SAND GRIT) & ~ 2% SHALE.
	09:30 - 10:15	0.75	CM	5	80CMPL	DRY UP WELLBORE PRIOR TO FLOW TEST- ~20 -25 BWPD.
	10:15 - 11:00	0.75	CM	4	80CMPL	PULL UP INTO 7" @ 3306'KB.
	11:00 - 12:00	1.00	CM	u	80CMPL	FLOW TEST THRU 2" TIME CHOKES MANIFOLD #S PITOT #S MSCFD / CONSISTENCY 15 MIN'S 17.0 4.25 1294 / DRY 30 MIN'S 18.0 4.5 1304 / DRY 45 MIN'S 18.0 4.5 1304 / DRY 60 MIN'S 18.0 4.5 1304 / DRY ISIP-34 PSIG.
	12:00 - 18:30	6.50	CM	t	80CMPL	1-HR SHUT IN PRESSURE BUILD UP AND 2HR BUILDUPS FOR NATURAL SURGE. 15MIN 30MIN 45MIN 1HR 2HR RETURNS: PER HOUR SURGE # 16 245# 400# 560# 620# 690# HANDFUL OF FINE COAL SURGE # 17 250# 460# 590# 640# 700# HANDFUL OF FINE COAL BLOW WELL DRY PRIOR TO FLOW TEST.
	18:30 - 19:30	1.00	CM	u	80CMPL	FLOW TEST THRU 2" TIME CHOKES MANIFOLD #S PITOT #S MSCFD / CONSISTENCY 15 MIN'S 20.0 5.0 1304 / DRY 30 MIN'S 20.0 5.0 1304 / DRY 45 MIN'S 20.0 5.0 1374 / DRY 60 MIN'S 20.0 5.0 1374 / DRY ISIP-34 PSIG.
	19:30 - 06:00	10.50	CM	1	80CMPL	PERFORM AIR ASSIST SURGES W/ (4) X 5 BBL WATER PADS - SURGE #18 T/1000 PSIG RETURNS: 1/4 BUCKET / HR OF VERY FINE FACE POWDER COAL. SURGE #19 T/1000 PSIG RETURNS: 1/4 BUCKET / HR OF FINE COAL. SURGE #20 T/1050 SPIG RETURNS: 1/4 BUCKET / HR OF FINE COAL. SURGE #21 T/1000 PSIG RETURNS: 1/4 BUCKET / HR OF FINE COAL. SURGE #22 T/1050 SPIG RETURNS: 1/4 BUCKET / HR OF FINE COAL. SURGE #23 T/1050 SPIG RETURNS: 1/4 BUCKET / HR OF FINE COAL. BLOW WELL PRIOR TO FLOW TEST.
08/20/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O T/3460' W / 2.2 MMSCFD AIR ASSIST W / 10 BPH MIST, RETURN'S TO SURFACE, 1/2 BUCKET'S PER HOUR OFF SAMPLE CATCHER, COAL FINE'S POWDER
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:30 - 19:00	11.50	CM	1	80CMPL	R&R C/O T/3635' W / 2.2 MMSCFD AIR W / 10 BPH MIST, RETURN'S TO SURFACE, 1- 1/2 BUCKET'S PER HOUR OFF SAMPLE

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000202A

Common Well Name: SAN JUAN 32-8 FRUITLAND #202A UNIT

Spud Date: 07/13/2003

Event Name: Original Completion

Start: 06/20/2003

End:

Contractor Name: KEY FOUR CORNERS

Rig Release: 08/30/2003

Group:

Rig Name: KEY ENERGY

Rig Number: 940

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
08/20/2003	07:30 - 19:00	11.50	CM	1	80CMPL	CATCHER, POWDER COAL FINE'S
	19:00 - 19:30	0.50	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	19:30 - 20:00	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG W / BHA
	20:00 - 21:00	1.00	CM	u	80CMPL	2" OPEN FLOW TEST W / PITOT TUBE
						15 MINS = 18# MANIFOLD = PITOT 4.5# = 1304-MCFD = WET TEST
						30 MIN'S = 22# MANIFOLD = PITOT 4.8# = 1350- MCFD = WET TEST
						45 MIN'S = 22# MANIFOLD = PITOT 4.8# = 1350- MCFD = WET TEST
						1 HR = 22# MANIFOLD = PITOT 4.8# = 1350-MCFD = WET TEST
	21:00 - 22:00	1.00	CM	t	80CMPL	SHUT IN TEST
						ISIP = 45#
08/21/2003						15 MIN'S = 200#
						30 MINS' = 350#
						45 MIN'S = 450#
						1 HR = 520#
						2 HR SI = 620#
	22:00 - 02:00	4.00	CM	1	80CMPL	SURGE'S 620# NATURAL FORMATION PERSSURE # 24 - # 25 W /
	02:00 - 03:00	1.00	CM	u	80CMPL	RETURN'S TO SURFACE, LIGHT FINE'S = POWDER FINE'S
	03:00 - 04:00	1.00	CM	t	80CMPL	2" OPEN FLOW TEST W / PITOT TUBE
	04:00 - 06:00	2.00	CM	1	80CMPL	SAME AS BEFORE NO CHANGE
						SHUT IN TEST
08/21/2003						SAME AS BEFORE NO CHANGE IN GAGE'S
	06:00 - 09:30	3.50	CM	1	80CMPL	SURGE # 26 @ 1100# AIR ASSIST W / 10 BPH MIST, 2 GAL'S
						FOAMER INHIBITOR = RETURN'S TO SURFACE, VERY LIGHT
						COAL FINE'S W / NO WATER GAIN
	09:30 - 10:30	1.00	CM	4	80CMPL	SAFETY MEETING @ START OF OPERATION'S = SURGE'S # 27 & # 28 @ 1050# AIR ASSIST W/ 1.5 MMCFD AIR, 10 BPH MIST, 2 GAL'S
						FOAMER & 3 TO 4 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, VERY LIGHT COAL FINE'S
						FLOW TEST
						15 MIN'S = MANIFOLD 22# = PITOT 4.8# 1350 MCFD = DRY
						30 MIN'S = MANIFOLD 21# = PITOT 4.6# 1340 MCFD = DRY
						45 MIN'S = MANIFOLD 21# = PITOT 4.6# 1340 MCFD = WET
08/21/2003						1 HR = MANIFOLD 21# = PITOT 4.6# 1340 MCFD = WET
	10:30 - 11:30	1.00	CM	4	80CMPL	SHUT IN TEST
						ISIP=36#
						15 MIN'S = 250#
						30 MIN'S = 385#
						45 MIN'S = 560#
						1 HR = 600#
	11:30 - 12:00	0.50	CM	4	80CMPL	RIH FROM 7" CSG TAG NO FILL
	12:00 - 19:00	7.00	CM	1	80CMPL	R&R C/O F/3616'-T/3634' W / 1.5 MMCFD AIR, 10 BPH MIST, 1 GAL
						FOAMER & INHIBITOR = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / 1/2 BPH WATER GAIN = 1.5 DOWN TO 1/4 BUCKET PER
08/21/2003						HOOR OFF SAMPLE CATCHER = 98% COAL & 2% SHALE
	19:00 - 19:30	0.50	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	19:30 - 20:00	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG W / BHA & RU TO TEST WELL
	20:00 - 21:00	1.00	CM	u	80CMPL	FLOW TEST THRU 2"
TIME CHOKE MANIFOLD #S PITOT #S MSCFD /						

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000202A
 Common Well Name: SAN JUAN 32-8 FRUITLAND #202A UNIT
 Event Name: Original Completion Start: 06/20/2003 End: 07/13/2003
 Contractor Name: KEY FOUR CORNERS Rig Release: 08/30/2003 Group:
 Rig Name: KEY ENERGY Rig Number: 940

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
08/21/2003	20:00 - 21:00	1.00	CM	u	80CMPL	CONSISTENCY 15 MIN'S 22.0 4.7 1340 / DRY 30 MIN'S 23.0 4.8 1350 / MIST 45 MIN'S 24.0 5.2 1394 / MIST 60 MIN'S 24.0 5.2 1394 / MIST ISIP-34 PSIG.
	21:00 - 06:00	9.00	CM	t	80CMPL	1-HR SHUT IN PRESSURE BUILD UP AND 2HR BUILDUPS FOR NATURAL SURGE. 15MIN 30MIN 45MIN 1HR 2HR RETURNS: PER HOUR SURGE # 29 250# 410# 520# 600# 650# VERY LIGHT POWER FINE'S SURGE # 30 250# 400# 510# 600# 660# HANDFUL OF POWERED FINE'S BLOW WELL DRY PRIOR TO FLOW TEST.
08/22/2003	06:00 - 07:00	1.00	CM	1	80CMPL	FLOWING BACK SURGE # 30 NATURAL FORMATION GAS SURGE @ 600# = RETURN'S TO SURFACE, VERY LIGHT POWERED FINE'S
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:30 - 09:30	2.00	CM	1	80CMPL	SURGE # 31 @ 1100# AIR ASSIST W / 1.5 MMCFD AIR, 10 BPH MIST, 2 GAL'S FOAMER & INHIBITOR W / 5 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, VERY LIGHT COAL FINE'S
	09:30 - 10:00	0.50	CM	4	80CMPL	RIH FROM 7" CSG, HOLE CLEAN T/3630' = 5 FT OF FILL T/3635'
	10:00 - 12:30	2.50	CM	1	80CMPL	R&R C/O T/3635' W / 1.5 MMCFD AIR, 10 BPH MIST, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, LIGHT COAL FINE'S & SHALE = 1.5 DOWN TO 1/2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL FINE'S W / 10% SHALE
	12:30 - 13:00	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG W / BHA & RU TO SURGE WELL
	13:00 - 15:00	2.00	CM	1	80CMPL	SURGE # 32 @ 1200# MED HYDRAULIC SURGE W / AIR, FOAMER & WATER = RETURN'S TO SURFACE, HEAVY COAL FINE'S
	15:00 - 19:00	4.00	CM	1	80CMPL	BREAK BRIDGE LOOSE INSIDE 7" CSG, R&R C/O F/3280'-T/3450' W / 1.5 MMCFD AIR, 10 BPH MIST, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY COAL FINE'S = 14 DOWN TO 6 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL FINE'S W / 10% SHALE
	19:00 - 19:30	0.50	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	19:30 - 06:00	10.50	CM	1	80CMPL	R&R C/O F/3450'-T/3522' W / 1.5 MMCFD AIR, 10 BPH MIST, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY TO MED COAL FINE'S W / SHALE = 10 DOWN TO 4 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL FINE'S W / 10% SHALE
08/23/2003	06:00 - 06:00	24.00	CM	1	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS-R&R F/3491-T/3585'KB W/ 2.2 MMSCFD AIR & 10 BPH MIST-RETURNS: 3 DOWN TO 1+ BUCKET (S) / HR OFF SAMPLER VALVE OF 95% VERY FINE COAL (FRAC SAND GRIT) & ~-5% SHALE.
08/24/2003	06:00 - 06:00	24.00	CM	1	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS-R&R F/3585-T/3635'KB W/ 2.2 MMSCFD AIR & 10 BPH MIST-RETURNS: 1+ UP TO 3 & BACK DOWN TO 1+ BUCKET (S) / HR OFF SAMPLER VALVE OF 95% VERY FINE COAL (FRAC SAND GRIT) & ~-5% SHALE.
08/25/2003	06:00 - 08:30	2.50	CM	1	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS-R&R F/3616-T/3635'KB W/ 2.2 MMSCFD AIR & 10 BPH MIST-

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000202A

Common Well Name: SAN JUAN 32-8 FRUITLAND #202A UNIT

Spud Date: 07/13/2003

Event Name: Original Completion

Start: 06/20/2003

End:

Contractor Name: KEY FOUR CORNERS

Rig Release: 08/30/2003

Group:

Rig Name: KEY ENERGY

Rig Number: 940

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
08/25/2003	06:00 - 08:30	2.50	CM	1	80CMPL	RETURNS: 1 DOWN TO 1/2 BUCKET /HR OFF SAMPLER VALVE OF 98% VERY FINE COAL (FRAC SAND GRIT) & ~ 2% SHALE.
	08:30 - 09:15	0.75	CM	5	80CMPL	DRY UP WELLBORE PRIOR TO FLOW TEST- ~20-25 BHPD.
	09:15 - 10:00	0.75	CM	4	80CMPL	PULL UP INTO 7" @ 3306'KB.
	10:00 - 11:00	1.00	CM	u	80CMPL	FLOW TEST THRU 2" TIME CHOKES MANIFOLD #S PITOT #S MSCFD / CONSISTENCY
						15 MIN'S 31.0 8.0 1756 / DAMP
						30 MIN'S 32.0 8.0 1756 / DAMP
						45 MIN'S 40.0 10.0 1948 / WET
						60 MIN'S 40.0 10.0 1948 / WET
						ISIP: 80 PSIG
	11:00 - 14:30	3.50	CM	t	80CMPL	1-HR SHUT IN PRESSURE BUILD UP AND 2HR BUILDUPS FOR NATURAL SURGE. 15MIN 30MIN 45MIN 1HR 2HR RETURNS: PER HOUR SURGE # 33 300# 440# 520# 560# 620# HANDFUL OF FINE COAL.
14:30 - 23:00	8.50	CM	1	80CMPL	PERFORM AIR ASSIST SURGES W/ 5 BBL WATER PADS T/1100 PSIG- SURGE #34 RETURNS: 1/4 BUCKET / HR OF VERY FINE COAL. SURGE #35 RETURNS: 1/4 BUCKET / HR OF VERY FINE COAL. SURGE #36 RETURNS: 1/2 BUCKET / HR OF VERY FINE COAL. SURGE #37 RETURNS: 1/4 BUCKET / HR OF VERY FINE COAL.	
23:00 - 23:30	0.50	CM	4	80CMPL	GIH W/ 6-1/4" DRLG ASSEMBLY & TAG @ 3491'KB.	
23:30 - 06:00	6.50	CM	1	80CMPL	R&R F/3491-T/3554'KB W/ 2.2 MMSCFD AIR & 10 BPH MIST- RETURNS: 2 DOWN TO 1+ BUCKET /HR OFF SAMPLER VALVE OF 98% 1/4" CHIPS DOWN TO VERY FINE COAL (FRAC SAND GRIT) & ~ 2% SHALE W/ 3 BBL / HR FOAM SWEEPS.	
08/26/2003	06:00 - 06:00	24.00	CM	1	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS- R&R F/3523-T/3635'KB W/ 2.2 MMSCFD AIR & 10 BPH MIST- RETURNS: 1 UP T/2+ & BACK DOWN TO 1/2 BUCKET /HR OFF SAMPLER VALVE OF 98% 1/4" CHIPS DOWN TO VERY FINE COAL (FRAC SAND GRIT) & ~ 2% SHALE W/ 3 BBL / HR FOAM SWEEPS.
08/27/2003	06:00 - 15:00	9.00	CM	1	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS- R&R F/3523-T/3635'KB W/ 2.2 MMSCFD AIR & 10 BPH MIST- RETURNS: 1 UP T/2+ & BACK DOWN TO 1 BUCKET /HR OFF SAMPLER VALVE OF 98% VERY FINE COAL (FRAC SAND GRIT) & ~ 2% SHALE.
	15:00 - 04:15	13.25	CM	1	80CMPL	CO 6-1/4" RATHOLE SECTION F/3635-3660'KB- WORK THRU TIGHT TRANSITION AREA 3635-44'KB.
	04:15 - 05:00	0.75	CM	4	80CMPL	PULL UP 6-1/4" BHA INTO 7" CASING @ 3306'KB.
	05:00 - 06:00	1.00	CM	u	80CMPL	FLOW TEST THRU 2" TIME CHOKES MANIFOLD #S PITOT #S MSCFD / CONSISTENCY
						15 MIN'S 49.0 12.25 2174 / DAMP
						30 MIN'S 50.0 12.50 2200 / DAMP
						45 MIN'S 50.0 12.50 2200 / DAMP
						60 MIN'S 45.0 11.25 2065 / WET
						ISIP: 100 PSIG
08/28/2003	06:00 - 09:00	3.00	CM	z	80CMPL	NO ACTIVITY-MONTHLY SAFETY MEETING.
	09:00 - 09:30	0.50	CM	4	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS-

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000202A
 Common Well Name: SAN JUAN 32-8 FRUITLAND #202A UNIT
 Event Name: Original Completion Start: 06/20/2003 End: 07/13/2003
 Contractor Name: KEY FOUR CORNERS Rig Release: 08/30/2003 Group:
 Rig Name: KEY ENERGY Rig Number: 940

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
08/28/2003	09:00 - 09:30	0.50	CM	4	80CMPL	GIH AFTER FLOWTEST & TAG BRIDGE @ 3523'KB.
	09:30 - 20:00	10.50	CM	1	80CMPL	WORK THRU BRIDGE- R&R F/3523-T/3635'KB R&R PBTD W/ 2.2 MMSCFD AIR & 10 BPH MIST- RETURNS: UP T/3+ & BACK DOWN TO 1 BUCKET /HR OFF SAMPLER VALVE OF 98% VERY FINE COAL (FRAC SAND GRIT) & ~ 2% SHALE.
08/29/2003	20:00 - 05:30	9.50	CM	1	80CMPL	CO 6-1/4" RATHOLE SECTION F/3635-3647'KB- WORK THRU TIGHT TRANSITION AREA 3635-44'KB.
	05:30 - 06:00	0.50	CM	4	80CMPL	SHORT TRIP 6-1/4" BHA INTO 7" CASING @ 3306'KB.
	06:00 - 06:30	0.50	CM	4	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS- SHORT TRIP F/3306' & TAG @ 3635'KB, R&R DEPTH.
	06:30 - 12:00	5.50	CM	5	80CMPL	WORK THRU BRIDGE @ 3635-44'- R&R & CONDITION RATHOLE SECTION F/3644-T/3709'KB PBTD W/ 2.2 MMSCFD AIR & 10 BPH MIST W/ 1%(4 GALS EMI-744 SHALE TREAT POLYMER / 10 BBLS PRODUCED WATER)- RETURNS: 1-1/2 DOWN TO 1/2 BUCKET /HR OFF SAMPLER VALVE OF 98% VERY FINE COAL (FRAC SAND GRIT) & ~ 2% SHALE.
	12:00 - 16:30	4.50	CM	4	80CMPL	SHORT TRIP F/3709-T/3306-& TAG LITE BRIDGE @ 3644'KB- LAYDOWN 13 JTS 2-7/8" DP- HANG BACK POWER SWIVEL & COOH W/ 6-1/4" DRLG ASSEMBLY-BIT GRADED:1-1-NO-A-F-I-NO-TD
	16:30 - 17:45	1.25	CS	6	50PRRC	RIG UP TO RUN 5-1/2" LINER ASSEMBLY. MU 5-1/2" X 7" SLPR BAKER HYDRAULIC ROTATING LINER HANGER ON #1 JOINT OF DRILL PIPE. MU 6-1/4" RR HTC BIT SN:L06JY W/ 3-1/2" REG X 5-1/2" STL BIT SUB BORED, TAPPED, & CONTAINING FLOAT VALVE ON 1ST JOINT OF CASING.
	17:45 - 18:15	0.50	WC	8	50PRRC	PT 5-1/2" PIPE RAMS T/200 PSIG-3MIN & 320 PSIG-10MIN (OK).
	18:15 - 20:30	2.25	CS	2	50PRRC	STABILIZED FLOWING CASING PRESSURE ON 2" @ 63 PSIG-KILL WELL W/ 75 BBLS Kfc PRODUCED WATER- GIH W/ LINER ASSEMBLY AS FOLLOWS: 6-1/4" BIT 3-1/2" REG X 5-1/2" LT&C BIT SUB - 1.31' 5-1/2" LT&C X 5-1/2" STL HYDRIL X-O SUB - 6.60' 10 JTS 5-1/2" 15.5 PPF, J-55 STL HYDRIL CASING - 415.30' 5-1/2" STL X 5-1/2" LT&C X-O SUB - 2.0' 5-1/2" LT&C SLPR BAKER HYDRAULIC LINER HANGER - 3.0' TOTAL LINER ASSEMBLY - 428.81'
	20:30 - 23:30	3.00	CS	z	50PRRC	GIH W/ 93 JTS 2-7/8" DP T/3312'KB DRY DRILL & WORK LINER DOWN THRU BRIDGES F/3498-T/3548- TRIP IN & TAG BRIDGE @ 3654'KB- UNABLE TO BREAK CIRCULATION W/ AIR MIST PRESSURED UP TO 600 PSIG- DRILL DOWN THRU RATHOLE SECTION F/ 3654-87' W/ 2.5 BPM PRODUCED Kfc WATER- UNABLE TO MOVE DRILLPIPE / LINER ASSEMBLY AFTER RIGGING UP HYDRAULIC HANGER BALL DROPPING SUB BELOW POWER SWIVEL. PUMP 5 BBLS AHEAD & DROP SETTING BALL DISPLACE W/ 19

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000202A
 Common Well Name: SAN JUAN 32-8 FRUITLAND #202A UNIT
 Event Name: Original Completion Start: 06/20/2003 End: 07/13/2003
 Contractor Name: KEY FOUR CORNERS Rig Release: 08/30/2003 Group:
 Rig Name: KEY ENERGY Rig Number: 940

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
08/29/2003	20:30 - 23:30	3.00	CS	z	50PRRC	BBLS Kfc PRODUCED WATER- SET & RELEASE FROM LINER HANGER W/ 1500 PSIG TOP OF LINER @ 3257.14'KB PBD @ 3684'KB. 6-1/4" @ 3686'KB.
	23:30 - 01:00	1.50	CS	5	50PRRC	UNLOAD 2-7/8" DRILLPIPE X 7" CASING ANNULUS W/ AIR MIST.
	01:00 - 06:00	5.00	CS	4	80CMPL	COOH & LAYDOWN 2-7/8" DRILLPIPE & LINER HANGER SETTING TOOL- TRIP IN & LAYDOWN 3-1/2" DC'S.
08/30/2003	06:00 - 08:30	2.50	LG	1	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS- RIG UP BLUE JET-PT LUBRICATOR T/590 PSIG (OK)- GIH W/ GR-CCL & LOG F/3683' -T/3000'KB W/ LINER TOP @ 3257'KB.
	08:30 - 11:30	3.00	WO	t	80CMPL	WAIT ON LOG CORRELATION FOR PERFORATIONS.
	11:30 - 12:30	1.00	CM	q	80CMPL	PERFORATE Kfc INTERVALS: 3644-3647' 3621-3628' 3610-3617'
	12:30 - 15:30	3.00	WO	7	80CMPL	STRANDED WIRELINE ON #2 GUN RUN- RE-HEAD WIRELINE.
	15:30 - 17:00	1.50	CM	q	80CMPL	SICP 720 PSIG-PT LUBRICATOR T/720 PSIG (OK)- GIH & PERFORATE Kfc INTERVALS: 3548-3550' 3532-3542' 3501-3505' 3497-3499' 3491-3494' 3486-3440' 3470-3473' 3466-3468' 3376-3379' 3364-3367' 3358-3362'
						@ 4SPF TOTAL OF 236 (0.75") DIAMETER 90 DEGREE PHASED HOLES- RD PERFORATORS.
	17:00 - 17:30	0.50	WO	w	80CMPL	WAIT ON WEATHER (DOWNPOUR).
	17:30 - 18:00	0.50	CM	z	80CMPL	LOCATION & CATWALK TOO MUDDY / SLIPPERY TO WORK ON WHILE PICKING UP TBG- SDON.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS- SICP 690 PSIG.
	07:30 - 08:00	0.50	WC	8	80CMPL	PT 2-7/8" PIPE RAMS T/200 PSIG -3MIN & 690 PSIG-10 MIN (OK). BLEED WELL DOWN TO PIT.
08/31/2003	08:00 - 10:00	2.00	CM	4	80CMPL	GIH W/ 2-7/8" EXPENDABLE CHECK (0.90'), W/ 2-7/8" X 4.10' 2-7/8" PUP JOINT, W/ 2-7/8" X 2.25" F NIPPLE (1.10'). W/ 115 JTS 2-7/8" TBG (3575.83') & LAND W/ 2-7/8" X 7-1/16" TBG HANGER W/ BPV- EOT / EXPENDABLE CHECK @ 3592'KB- 2-7/8" X 2.25" F NIPPLE @ 3586'KB
	10:00 - 12:00	2.00	WC	e	80CMPL	NIPPLE DOWN BOPE & NU 2-9/16" MASTER VALVE ASSEMBLY.
	12:00 - 12:30	0.50	WC	8	80CMPL	PT MASTER VALVE ASSEMBLY T/3000 PSIG (OK)- PULL BPV.
	12:30 - 13:30	1.00	WC	9	80CMPL	LOAD & PT TBG T/1000 PSIG (OK)- PUMP OFF EXPENDABLE CHECK @ 1400 PSIG.

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000202A

Common Well Name: SAN JUAN 32-8 FRUITLAND #202A UNIT

Spud Date: 07/13/2003

Event Name: Original Completion

Start: 06/20/2003

End:

Contractor Name: KEY FOUR CORNERS

Rig Release: 08/30/2003

Group:

Rig Name: KEY ENERGY

Rig Number: 940

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
08/31/2003	13:30 - 18:00	4.50	CM	6	80CMPL	VENT TBG & CASING TO ATMOSPHERE WHILE RIGGING DOWN- TBG LOGGED OFF-MONITOR SITP F/ 500 PSIG PRESSURE BUILD UP IN 3-HRS- SECURE WELL- RIG DOWN & RELEASE RIG @ 18:00, 8-30-03- DROP FROM REPORT- TURN OVER TO PRODUCTION OPERATIONS- "JOB COMPLETE"