

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMSF079353		
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 _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator CONOCOPHILLIPS COMPANY			7. Unit or CA Agreement Name and No. NMNM78424B		
3. Address 5525 HIGHWAY 64 FARMINGTON, NM 87401			8. Lease Name and Well No. SJ 32-8 250A		
3a. Phone No. (include area code) Ph: 832.486.2326			9. API Well No. 30-045-31745-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 33 T32N R8W Mer NMP At surface NWNW 1135FNL 1020FWL 36.94474 N Lat, 107.68511 W Lon At top prod interval reported below At total depth			10. Field and Pool, or Exploratory BASIN FRUITLAND COAL		
14. Date Spudded 09/30/2003			15. Date T.D. Reached 10/05/2003		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/16/2003			17. Elevations (DF, KB, RT, GL)* 6761 GL		
18. Total Depth: MD TVD 3722			19. Plug Back T.D.: MD TVD 3717		
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	256		200		0	
8.750	7.000 J55	20.0	0	3370		545		0	
6.250	5.500 J55	16.0	3323	3719		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	3704							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	3370	3722	3506 TO 3658	0.750	252	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3506 TO 3658	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
10/31/2003	10/15/2003	24	→	0.0	2100.0	0.0			GAS PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
PITOT	SI	500.0	→	0	2100	0		PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	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 #27568 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMCCD

ACCEPTED FOR RECORD

FFB 09 2004

FARMINGTON FIELD OFFICE
BY

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	1024		NACIMIENTO	883
NACIMIENTO	1024	2381		OJO ALAMO	2383
OJO ALAMO	2381	2426		KIRTLAND	2433
				FRUITLAND	3233
				PICTURED CLIFFS	3664

32. Additional remarks (include plugging procedure):

This well is a single well producing from the Basin Fruitland Coal pool. The original completion was a tubing string and pump - no liner. The pump in the original completion plugged up almost immediately. We moved back on the well and pulled the tubing string and pump. After pulling the tubing out of the hole, the 6-1/4 hole was underreamed to 9.5 from 3385 - 3710, cavitated, and set with 2-3/8 tubing and a pump.

Attached are the daily summaries and a 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 #27568 Verified by the BLM Well Information System.

For CONOCOPHILLIPS COMPANY, sent to the Farmington

Committed to AFMSS for processing by ADRIENNE GARCIA on 02/09/2004 (04AXG0404SE)

Name (please print) DEBORAH MARBERRY

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 02/04/2004

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 # 250AAPI #: 30-045-31745Location: 1135' FNL & 1020' FWLSect 33 - T32N - R8WSan Juan County, NMElevation: 6761' GL (above MSL)Dri Rig RKB: 13' above Ground LevelDatum: Dri Rig RKB = 13' above GLSpud: 30-Sep-03Release Dri Rig: 5-Oct-03Move In Cav Rig: 8-Oct-03Release Cav Rig: 15-Oct-03Move In Cav Rig: 3-Dec-03Release Cav Rig: 23-Dec-03

Note - this well is equipped with rods & pump

7-1/16" 3M x 2-3/8" EUE 8rd Bonnet11" 3M x 7 1/16" 3M Tubing Head9-5/8" 8 RD x 11" 3M Casing Head**Surface Casing** Date set: 1-Oct-03Size 9 5/8 inSet at 256 ft # Jnts: 8Wt. 32.3 ppf Grade H-40Hole Size 12 1/4 in Conn STCExcess Cmt 165 %T.O.C. SURFACECsg Shoe 256 ftTD of 12-1/4" hole 256 ft

Notified BLM @ _____ hrs on _____

Notified NMOCD @ _____ hrs on _____

Intermediate Casing Date set: 4-Oct-03Size 7 in 82 jtsSet at 3370 ft 0 pupsWt. 20 ppf Grade J-55Hole Size 8 3/4 in Conn STCExcess Cmt 160 %T.O.C. SURFACECsg Shoe 3370 ftTD of 8-3/4" Hole 3370 ft

Notified BLM @ _____ hrs on _____

Notified NMOCD @ _____ hrs on _____

Production Liner Date set: 21-Dec-03Size 5 1/2 inBlank Wt. 15.5 ppfGrade J-55 Connections: LTC# Jnts: 9Hole Size 6.25 / 9.5 inches

Underreamed 6-1/4" hole to 9.5" from 3385' to 3710'

Btm of Liner 3719 ftTop of Liner 3323 ftPBDT: 3717Bottom of Liner: 3719TD 3,722 ft**Surface Cement**Date cmt'd: 1-Oct-03Lead: 200 sx Class G Cement+ 2% S001 Calcium Chloride+ 0.25 lb/sx D029 Cellophane Flakes1.16 cuft/sx, 232 cuft slurry at 15.8 ppgDisplacement: 17.0 bbls fresh wtrBumped Plug at: 7:53 hrs w/ 179 psiFinal Circ Press: 82 psi @ 0.5 bpmReturns during job: YESCMT Returns to surface: 17 bblsFloats Held: No floats usedW.O.C. for 6.0 hrs (plug bump to back out landing joint)W.O.C. for 9.0 hrs (plug bump to start BOP test)**Intermediate Cement**Date cmt'd: 4-Oct-03Lead: 445 sx Class G Cement+ 3% D079 Extender+ 0.25 lb/sx D029 Cellophane Flakes+ 0.2% D046 Antifoam2.61 cuft/sx, 1161 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 Antifoam1.28 cuft/sx, 128 cuft slurry at 13.5 ppgDisplacement: 134 bbls Fresh WtrBumped Plug at: 14:42 hrs w/ 1500 psiFinal Circ Press: 850 psi @ 2 bpmReturns during job: YESCMT Returns to surface: 50 bblsFloats Held: X Yes ___ No**UNCEMENTED LINER**

This well was originally completed on 15-Oct-2003.

The original completion was a tubing string and pump - no liner

The pump in the original completion got plugged up almost immediately.

We reentered the well, pulled the tubing, cavitated the well & recompleted.

We finished the recompletion on 23-Dec-2003

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: Ran a bit and float sub on bottom of liner. Ran and set liner with a Baker SLPR Hydraulic liner hanger.Perforated 5-1/2" liner. Ran 2-7/8" Mud Anchor and 2-3/8", 4.7#, J-55 EUE 8rd, tubing (EOT at 3704' RKB)Ran pump and rods. Set pump in FN at 3677' MD RKB.**CENTRALIZERS:**Surface: CENTRALIZERS @ 240', 225', 195', & 166'.Total: 4Intermediate: CENTRALIZERS @ 3350', 3327', 3245', 3162', 3081', 2999', & 242'.Total: 7TURBOLIZERS @ 2465', 2424', 2383'Total: 3

END OF WELL SCHEMATIC

Well Name: San Juan 32-8 # 250A
 API #: 30-045-31745
 Location: 1135' FNL & 1020' FWL
Sect 33 - T32N - R8W
San Juan County, NM
 Elevation: 6761 GL (above MSL)
 Drl Rig RKB: 13' above Ground Level
 Datum: Drl Rig RKB = 13' above GL

Spud: 30-Sep-03
 Release Drl Rig: 5-Oct-03
 Move In Cav Rig: 8-Oct-03
 Release Cav Rig: 15-Oct-03

Note - this well is equipped with rods & pump
 7-¹/₁₆" 3M x 2-³/₈" EUE 8rd Bonnet
 11" 3M x 7 1/16" 3M Tubing Head
 9-5/8" 8 RD x 11" 3M Casing Head

Surface Casing Date set: 1-Oct-03
 Size 9 5/8 in
 Set at 256 ft # Jnts: 8
 Wt. 32.3 ppf Grade H-40
 Hole Size 12 1/4 in Conn STC
 Excess Cmt 165 %
 T.O.C. SURFACE

Csg Shoe 256 ft
 TD of 12-1/4" hole 256 ft

Notified BLM @ _____ hrs on _____
 Notified NMOCD @ _____ hrs on _____

☒ New
☐ Used

Intermediate Casing Date set: 4-Oct-03
 Size 7 in 82 jts
 Set at 3370 ft 0 pups
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in Conn STC
 Excess Cmt 160 %
 T.O.C. SURFACE

Csg Shoe 3370 ft
 TD of 8-3/4" Hole 3370 ft

Notified BLM @ _____ hrs on _____
 Notified NMOCD @ _____ hrs on _____

☒ New
☐ Used

Surface Cement

Date cmt'd: 1-Oct-03

Lead : 200 sx Class G Cement
 + 2% S001 Calcium Chloride
 + 0.25 lb/sx D029 Cellophane Flakes
1.16 cuft/sx, 232 cuft slurry at 15.8 ppg

Displacement: 17.0 bbls fresh wtr

Bumped Plug at: 7:53 hrs w/ 179 psi

Final Circ Press: 82 psi @ 0.5 bpm

Returns during job: YES

CMT Returns to surface: 17 bbls

Floats Held: No floats used

W.O.C. for 6.0 hrs (plug bump to back out landing joint)

W.O.C. for 9.0 hrs (plug bump to start BOP test)

Intermediate Cement

Date cmt'd: 4-Oct-03

Lead : 445 sx Class G Cement
 + 3% D079 Extender
 + 0.25 lb/sx D029 Cellophane Flakes
 + 0.2% D046 Antifoam
2.61cuft/sx, 1161 cuft slurry at 11.7 ppg

Tail : 100 sx 50/50 POZ : Class G cement

+ 2% D020 Bentonite

+ 2% S001 Calcium Chloride

+ 5 lb/sx D024 Gilonite

+ 0.25 lb/sx D029 Cellophane Flakes

+ 0.2% D046 Antifoam

1.28 cuft/sx, 128 cuft slurry at 13.5 ppg

Displacement: 134 bbls Fresh Wtr

Bumped Plug at: 14:42 hrs w/ 1500 psi

Final Circ Press: 850 psi @ 2 bpm

Returns during job: YES

CMT Returns to surface: 50 bbls

Floats Held: X Yes ___ No

TD 3,722 ft

Note:

We did not run a liner in this well.

Nor did we cavitate it.

We just drilled it out, ran tubing, & ran a pump and rods.

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: We did not run a liner on this well. Nor did we cavitate this well. We just drilled it out, ran tubing & ran a pump and rods.

Ran 2-3/8", 4.7#, J-55 FL4S / EUE 8rd, tbg w/ orange peeled btm jt w/ 4' perfs at top of jt and F Nipple (EOT at 3642' RKB)

Ran pump and rods. Set pump in F Nipple (FN) at 3614' MD RKB.

CENTRALIZERS:

Surface: CENTRALIZERS @ 240', 225', 195', & 166'.

Total: 4

Intermediate: CENTRALIZERS @ 3350', 3327', 3245', 3162', 3081', 2999', & 242'.

Total: 7

TURBOLIZERS @ 2465', 2424', 2383'

Total: 3

Well Name: San Juan 32-8 # 250A
 API #: 30-045-31745
 Location: 1135' FNL & 1020' FWL
 Sect 33 - T32N - R8W
 San Juan County, NM
 Elevation: 6761' GL (above MSL)
 Drl Rig RKB: 13' above Ground Level
 Datum: Drl Rig RKB = 13' above GL

Note - this well is equipped with rods & pump
 7-1/16" 3M x 2-3/8" EUE 8rd Bonnet
 11" 3M x 7 1/16" 3M Tubing Head
 9-5/8" 8 RD x 11" 3M Casing Head

Spud: 30-Sep-03
 Release Drl Rig: 5-Oct-03
 Move In Cav Rig: 8-Oct-03
 Release Cav Rig: 15-Oct-03
 Move In Cav Rig: 3-Dec-03
 Release Cav Rig: 23-Dec-03

Surface Casing Date set: 1-Oct-03
 Size 9 5/8 in
 Set at 256 ft # Jnts: 8
 Wt. 32.3 ppf Grade H-40
 Hole Size 12 1/4 in Conn STC
 Excess Cmt 165 %
 T.O.C. SURFACE Csg Shoe 256 ft
 TD of 12-1/4" hole 256 ft

Notified BLM @ _____ hrs on _____
 Notified NMOCD @ _____ hrs on _____

Intermediate Casing Date set: 4-Oct-03
 Size 7 in 82 jts
 Set at 3370 ft 0 pups
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in Conn STC
 Excess Cmt 160 % Csg Shoe 3370 ft
 T.O.C. SURFACE TD of 8-3/4" Hole 3370 ft

Notified BLM @ _____ hrs on _____
 Notified NMOCD @ _____ hrs on _____

Production Liner Date set: 21-Dec-03
 Size 5 1/2 in
 Blank Wt. 15.5 ppf
 Grade J-55 Connections: LTC
 # Jnts: 9
 Hole Size 6.25 / 9.5 inches
 Underreamed 6-1/4" hole to 9.5" from 3385' to 3710'
 Btm of Liner 3719 ft
 Top of Liner 3323 ft

PBTD: 3717
 Bottom of Liner: 3719

This well was originally completed on 15-Oct-2003.

The original completion was a tubing string and pump - no liner

The pump in the original completion got plugged up almost immediately.

We reentered the well, pulled the tubing, cavitated the well & recompleted.

We finished the recompletion on 23-Dec-2003

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: Ran a bit and float sub on bottom of liner. Ran and set liner with a Baker SLPR Hydraulic liner hanger.
 Perforated 5-1/2" liner. Ran 2-7/8" Mud Anchor and 2-3/8", 4.7#, J-55 EUE 8rd, tubing (EOT at 3704' RKB)
 Ran pump and rods. Set pump in FN at 3677' MD RKB.

CENTRALIZERS:

Surface: CENTRALIZERS @ 240', 225', 195', & 166'

Total: 4

Intermediate: CENTRALIZERS @ 3350', 3327', 3245', 3162', 3081', 2999', & 242'.
 TURBOLIZERS @ 2465', 2424', 2383'

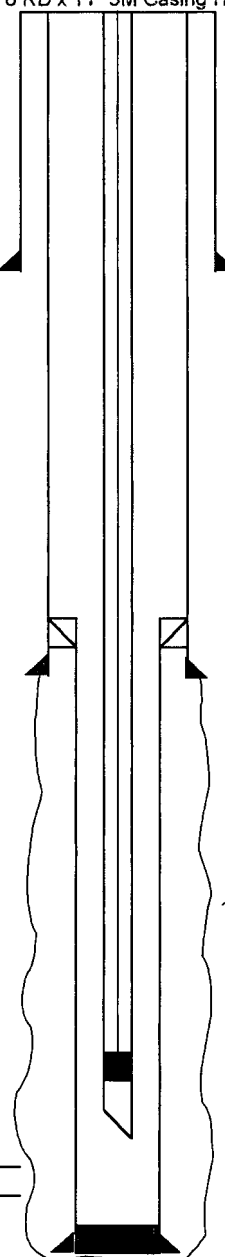
Total: 7

Total: 3

☒ New
☐ Used

☒ New
☐ Used

☒ New
☐ Used



TD 3,722 ft

SurfaceCement

Date cmt'd: 1-Oct-03
 Lead: 200 sx Class G Cement
 + 2% S001 Calcium Chloride
 + 0.25 lb/sx D029 Cellophane Flakes
 1.16 cuft/sx, 232 cuft slurry at 15.8 ppg
 Displacement: 17.0 bbls fresh wtr
 Bumped Plug at: 7:53 hrs w/ 179 psi
 Final Circ Press: 82 psi @ 0.5 bpm
 Returns during job: YES
 CMT Returns to surface: 17 bbls
 Floats Held: No floats used
 W.O.C. for 6.0 hrs (plug bump to back out landing joint)
 W.O.C. for 9.0 hrs (plug bump to start BOP test)

Intermediate Cement

Date cmt'd: 4-Oct-03
 Lead: 445 sx Class G Cement
 + 3% D079 Extender
 + 0.25 lb/sx D029 Cellophane Flakes
 + 0.2% D046 Antifoam
 2.61cuft/sx, 1161 cuft slurry at 11.7 ppg
 Tail: 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 Antifoam
 1.28 cuft/sx, 128 cuft slurry at 13.5 ppg
 Displacement: 134 bbls Fresh Wtr
 Bumped Plug at: 14:42 hrs w/ 1500 psi
 Final Circ Press: 850 psi @ 2 bpm
 Returns during job: YES
 CMT Returns to surface: 50 bbls
 Floats Held: ☒ Yes ☐ No

UNCEMENTED LINER

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000250A

Common Well Name: SAN JUAN 32-8 UNIT 250A

Event Name: Original Completion

Start: 10/8/2003

Spud Date: 9/30/2003

Contractor Name: KEY FOUR CORNERS

Rig Release:

End: 12/24/2003

Rig Name: KEY ENERGY

Rig Number: 22

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/9/2003	07:00 - 07:30	0.50	MV	1	70DMOB	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:30 - 10:00	2.50	MV	w	70DMOB	LOAD OUT EQUIPMENT ON FLOAT'S
	10:00 - 14:00	4.00	MV	n	70DMOB	MOVING RIG & EQUIPMENT TO NEW LOCATION
	14:00 - 16:00	2.00	MV	6	00MMIR	MIRU KEY RIG # 18 & EQUIPMENT
	16:00 - 19:00	3.00	MV	z	00MMIR	ND STACK & NU NEW STACK = C/O STACK EVERY 5 WELL'S FOR SAFETY INSPECTION = SECURED LOCATION & S.D.O.N.
10/10/2003	07:00 - 07:30	0.50	MV	c	00MMIR	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:30 - 19:00	11.50	MV	1	00MMIR	FULL BLOWN PIPE INSPECTION BY TUBOSCOPE = WELDING ON RIG & EQUIPMENT TO RECTIFY SAFETY DEFICIENCY'S = SECURED LOCATION & S.D.O.N.
10/11/2003	07:00 - 07:30	0.50	MV	c	00MMIR	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:30 - 19:00	11.50	MV	1	00MMIR	RECTIFY SAFETY DEFICIENCY'S W / WELDER'S = INSPECT BLOOIE LINE'S & FLOWBACK TANK = REVAMP NEW RENTAL STACK = NU BOP'S & HCR VALVE'S = RU CHOKE MANIFOLD & LINE'S = RU BLOOIE LINE'S & MUFFLER'S = PU INSPECTED DC'S & DP PUT ON PIPE RACK = TALLY PIPE = SECURED LOCATION & S.D.O.N.
10/12/2003	07:00 - 07:15	0.25	CM	c	50PRDR	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:15 - 08:30	1.25	CM	2	50PRDR	PU & TALLY DC'S & DP
	08:30 - 09:15	0.75	CM	9	50PRDR	TEST 7" CSG & BLIND RAM'S = 250# 3 MIN'S & 1850# 30 MIN'S = STATE INTEGRITY TEST = CHARTED GOOD TEST
	09:15 - 11:00	1.75	CM	8	50PRDR	TEST PIPE RAM'S, HCR VALVE'S, CHOKE MANIFOLD = 200# 3 MIN'S & 1800# 10 MIN'S = CHARTED GOOD TEST
	11:00 - 15:00	4.00	CM	2	50PRDR	GIH PU 6 1/4" BIT, BIT SUB, 12-3 1/2" DC'S, 1-2 7/8" DP, 1-2 7/8" FN W / 1.81 PROFILE & 2 7/8" DP TAG @ 3318'
	15:00 - 16:00	1.00	CM	6	50PRDR	PU & MU POWER SWIVEL = SECURED WELL & LOCATION = S.D.O.N.
10/13/2003	07:00 - 07:30	0.50	CM	c	50PRDR	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:30 - 08:30	1.00	CM	5	50PRDR	UNLOAD HOLE W / AIR ASSIST
	08:30 - 10:30	2.00	CM	h	50PRDR	DRILL OUT CMT, 7" FLOAT COLLAR, CMT, 7" SHOE TO INTERMEDIATE TD @ 3370'
	10:30 - 19:00	8.50	CM	1	50PRDR	DRILLING AHEAD W / 6 1/4" BIT TO 3620' W / 60 RPM'S, 4000# ON BIT # 3 TRI-CONE W / 1.6 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR, 2 COMPRESSOR'S, W / 1 BOOSTER @ 640# F/3370'-T/3620'
	19:00 - 19:15	0.25	CM	c	50PRDR	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	19:15 - 21:45	2.50	CM	1	50PRDR	DRILLING AHEAD W / 6 1/4" BIT TO FRUITLAND COAL TD @ 3722' = 2 COMPRESSOR'S W / 1 BOOSTER @ 640#, 1.6 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR, BIT # 3 TRI-CONE, 60 RPM'S, 4000# ON BIT
	21:45 - 22:30	0.75	CM	5	50PRDR	CIRC & CORRELATE W / MUD LOGGER = BASIN FRUITLAND COAL INTERVAL'S AS FOLLOW'S
						3504'-06' = 2 FT' = 231 GAS UNIT'S
						3509'-13' = 4 FT' = 231 TO 579 GAS UNIT'S
						3514'-37' = 23 FT' = 579 TO 1374 GAS UNIT'S
						3560'-73' = 13 FT' = 1385' TO 1687 GAS UNIT'S
						3575'-81' = 6 FT' = 1667 TO 1716 GAS UNIT'S
						3590'-3603' = 13 FT' = 1508' TO 1881 GAS UNIT'S
						3607'-10' = 3 FT' = 1771 TO 1791 GAS UNIT'S
						3639'-42' = 3 FT' = 1873' TO 2103 GAS UNIT'S
						3645'-50' = 5 FT' = 2074 TO 2157 GAS UNIT'S
						3652'-56' = 4 FT' = 2111 TO 2324 GAS UNIT'S
						3658'-60' = 2 FT' = 2303 TO 2421 GAS UNIT'S

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000250A

Common Well Name: SAN JUAN 32-8 UNIT 250A

Event Name: Original Completion

Start: 10/8/2003

Spud Date: 9/30/2003

Contractor Name: KEY FOUR CORNERS

Rig Release:

End: 12/24/2003

Rig Name: KEY ENERGY

Rig Number: 22

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/13/2003	21:45 - 22:30	0.75	CM	5	50PRDR	TOTAL NET COAL 78 FT
	22:30 - 03:00	4.50	CM	1	80CMPL	R&R C/O TO TD @ 3722' W / 1.6 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, LIGHT TO T.S.T.M. COAL & FINE'S W / NO WATER GAIN = 2 DOWN TO 1/4 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 1/8" DOWN TO FINE'S CUTTING'S = 95% COAL & FINE'S W / 5% SHALE
	03:00 - 03:30	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG W / BHA & RU TO TEST WELL
	03:30 - 04:30	1.00	CM	u	80CMPL	TIME = MANIFOLD = MCFD 15 MIN'S = 35# = 1850 MCFD 30 MIN'S = 38# = 1920 MCFD 45 MIN'S = 40# = 1950 MCFD 1 HR = 42# = 1990 MCFD
	04:30 - 06:00	1.50	CM	t	80CMPL	SHUT IN PRESSURE ISIP = 50# 15 MIN'S = 280# 30 MIN'S = 380# 45 MIN'S = 460# 1 HR = 500# 1:15 MIN'S = 520# 1:30 MIN'S = 540#
10/14/2003	06:00 - 06:30	0.50	CM	t	80CMPL	SHUT IN TEST 1:45 MIN'S = 540# 2:00 HR'S = 540#
	06:30 - 07:00	0.50	CM	g	80CMPL	BLOW DOWN WELL
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:30 - 08:30	1.00	CM	1	80CMPL	FLOW WELL NATURAL OUT BLOOE LINE'S
	08:30 - 09:00	0.50	CM	4	80CMPL	RIH FROM 7" CSG & TAG FILL @ 3695'
	09:00 - 10:00	1.00	CM	1	80CMPL	R&R C/O BRIDGE @ 3695'-98', R&R C/O F/3714' TO TD @ 3722' W / 1.3 MMCFD AIR, 10 BPH MIST, 1 GAL FOAMER & INHIBITOR @ 380#
						AIR PRESSURE = RETURN'S TO SURFACE, LIGHT TO T.S.T.M 1/4" TO FINE COAL = 1/2 BUCKET PER HOUR OFF SAMPLE CATCHER = 98% COAL & 2% SHALE
	10:00 - 10:30	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG LAYING DOWN DP W / POWER SWIVEL
	10:30 - 12:00	1.50	CM	g	80CMPL	FLOW WELL NATURAL OUT BLOOE LINE'S TO CHECK HOLE CONDITION'S
	12:00 - 12:30	0.50	CM	4	80CMPL	RIH FROM 7" CSG PU DP W / POWER SWIVEL TAG FILL @ 3714'
	12:30 - 14:30	2.00	CM	1	80CMPL	R&R C/O F/3714'-T/3722' TD W / 2 COMPRESSOR'S & 1 BOOSTER SLOWED DOWN TO 1.3 MMCFD AIR, 8 BPH MIST, 1 GAL FOAMER & INHIBITOR @ 380# AIR PRESSURE = RETURN'S TO SURFACE, LIGHT TO T.S.T.M. 1/4" TO 1/8" & FINE COAL W / 1/4 BPH WATER GAIN = 1/2 TO 1/4 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 98% COAL & 2% SHALE
	14:30 - 15:00	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG LAYING DOWN JT'S DP W / POWER SWIVEL
	15:00 - 16:00	1.00	CM	u	80CMPL	2" OPEN FLOW TEST TIME = MANIFOLD PRESS = PITOT TUBE = MCFD 15 MIN'S = 30# = 7.5# = 1702 MCFD 30 MIN'S = 32# = 8.0# = 1756 MCFD 45 MIN'S = 34# = 8.5# = 1808 MCFD 1 HR = 34# = 8.5# = 1808 MCFD
	16:00 - 17:00	1.00	CM	t	80CMPL	SHUT IN TEST ISIP = 45# 15 MIN'S = 275# 30 MIN'S = 365#

CONOCOPHILLIPS CO
Operations Summary Report

Page 3 of 16

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000250A
Common Well Name: SAN JUAN 32-8 UNIT 250A
Event Name: Original Completion
Contractor Name: KEY FOUR CORNERS
Rig Name: KEY ENERGY
Start: 10/8/2003
Rig Release: 10/8/2003
Spud Date: 9/30/2003
End: 12/24/2003
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/14/2003	16:00 - 17:00	1.00	CM	t	80CMPL	45 MIN'S = 445# 1 HR = 495#
	17:00 - 17:30	0.50	CM	g	80CMPL	BLOW DOWN WELL SLOWLY
	17:30 - 18:00	0.50	CM	4	80CMPL	RIH FROM 7" CSG PU JT'S DP W / POWER SWIVEL TAG FILL @ 3715'
	18:00 - 19:00	1.00	CM	1	80CMPL	R&R C/O F/3715'-T/3722' TD W / 1 BOOSTER, 2 COMPRESSOR'S @ 380# PRESSURE W / 1.3 MMCFD AIR, 8 BPH MIST, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, 1/4" TO 1/8" COAL W / T.S.T.M. WATER GAIN = 1/2 DOWN TO 1/4 BUCKET'S PER HOUR 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 - 06:00	10.50	CM	1	80CMPL	R&R C/O T/3722' W / 1 BOOSTER, 2 COMPRESSOR'S @ 380# PRESSURE W / 1.3 MMCFD AIR, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, VERY LIGHT COAL 1/4" TO 1/8" COAL W / 1/4 BPH WATER GAIN = 1/2 TO 1/4 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 98% COAL & 2% SHALE
10/15/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O T/3722' TD W / 1 BOOSTER, 2 COMPRESSOR'S @ 380# AIR PRESSURE W / 1.3 MMCFD AIR, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / 1/2 BPH WATER GAIN = COAL 1/2" DOWN TO FINE'S = 3/4 DOWN TO 1/4 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 98% COAL & 2% SHALE
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:30 - 08:00	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG LAYING DOWN JT'S DP W / POWER SWIVEL
	08:00 - 09:00	1.00	CM	u	80CMPL	2" OPEN FLOW TEST TIME = MANIFOLD = PITOT = MCFD 15 MIN'S = 43# PRESS = 10.75# = 1990 30 MIN'S = 45# PRESS = 11.25# = 2050 45 MIN'S = 46# PRESS = 11.50# = 2100 1 HR = 46# PRESS = 11.50# = 2100
	09:00 - 10:00	1.00	CM	t	80CMPL	SHUT IN PRESSURE ISIP = 50# 15 MIN'S = 280# 30 MIN'S = 380# 45 MIN'S = 470# 1 HR = 500#
	10:00 - 10:30	0.50	CM	4	80CMPL	RIH FROM 7" CSG PU JT'S DP W / POWER SWIVEL TAG FILL @ 3712'
	10:30 - 10:45	0.25	CM	c	80CMPL	HELD BOP DRILL
	10:45 - 11:45	1.00	CM	1	80CMPL	R&R C/O F/3712'-T/3722' TD W / 1 BOOSTER, 2 COMPRESSOR'S @ 380# AIR PRESSURE W / 1.3 MMCFD AIR, 8 BPH MIST, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, LIGHT COAL & FINE'S, 1/2" DOWN TO FINE'S W / 3/4 BPH WATER GAIN = 1 DOWN TO 1/2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 98% COAL & 2% SHALE
	11:45 - 12:00	0.25	CM	6	80CMPL	RD POWER SWIVEL
	12:00 - 12:15	0.25	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	12:15 - 14:45	2.50	CM	2	80CMPL	COOH LAYING DOWN DP, DC'S & BHA
	14:45 - 15:15	0.50	CM	6	80CMPL	RU 2 3/8" RAM'S & EQUIPMENT
	15:15 - 16:00	0.75	CM	8	80CMPL	TEST PIPE RAM'S W / TEST PLUG = 200# 3 MIN'S & 1800# 10 MIN'S = GOOD TEST
	16:00 - 16:15	0.25	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	16:15 - 18:00	1.75	CM	2	80CMPL	GIH PU 2 3/8" FL4S BHA & 2 3/8" EUE 8RD TUBING

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000250A

Common Well Name: SAN JUAN 32-8 UNIT 250A

Event Name: Original Completion

Start: 10/8/2003

Spud Date: 9/30/2003

Contractor Name: KEY FOUR CORNERS

Rig Release:

End: 12/24/2003

Rig Name: KEY ENERGY

Rig Number: 22

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/15/2003	18:00 - 18:30	0.50	CM	1	80CMPL	LAND HANGER W / PRODUCTION TUBING SET AS FOLLOW'S 2 3/8" FL4S ORANGED PEELED BOTTOM JT SET E.O.T. @ 3642'.58" W / 4FT PERFORATION'S @ TOP OF JT 2 3/8" FL4S EXP CHECK SET @ 3615'.28" 2 3/8" FL4S FN W / 1.78" PROFILE SET @ 3614'.55" 2 3/8" FL4S 9 JT'S TUBING SET @ 3613'.65" 2 3/8" FL4S X 2 3/8" EUE 8RD X-O SET @ 3325'.30" 2 3/8" EUE 8RD J-55 4.7# 108 JT'S TUBING SET @ 3324'.80" TO HANGER @ SURFACE TOTAL OF 108 JT'S 2 3/8" EUE 8RD J-55 4.7 TUBING IN WELL TOTAL OF 10 JT'S 2 3/8" FL4S J-55 4.7 TUBING IN WELL COUNTING BHA FL4S TUBING OVERLAP INSIDE 7" CSG = 45'.20"
10/16/2003	18:30 - 19:00	0.50	CM	1	80CMPL	SECURED WELL & LOCATION = S.D.O.N.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:30 - 08:00	0.50	CM	g	80CMPL	BLOW DOWN WELL HAD 440# ON CSG
	08:00 - 09:30	1.50	CM	6	80CMPL	RD RIG FLOOR & EQUIPMENT
	09:30 - 11:30	2.00	CM	e	80CMPL	ND BOP'S & NU PUMPING WELLHEAD
	10:00 - 12:00	2.00	CM	2	80CMPL	GIH PU ROD INSERT PUMP & 3/4" ROD'S = KNOCK OUT EXP CHECK
	12:00 - 13:00	1.00	CM	n	80CMPL	SPACE OUT & HANG OFF ON POLISH ROD = RAN H.B. 2" X 1 1/2" X 12' RWAC-Z INSERT PUMP NO CP-039, 1-2' 3/4" PONY ON TOP OF PUMP, 143-3/4" ROD'S W / NO GUIDE'S = 2-4' = 1-6' = 1-8' 3/4" PONY'S = 22' POLISH ROD
	13:00 - 13:45	0.75	CM	9	80CMPL	TEST TUBING & PUMP TO 500# HELD 15 MIN'S = GOOD TEST = RELEASED PRESSURE = STROKED PUMP W / RIG BLOCK'S TO 500# HELD 15 MIN'S = GOOD TEST
	13:45 - 18:00	4.25	MV	6	70DMOB	RD RIG & EQUIPMENT = RELEASED RIG ON 10 / 15 / 2003 @ 18:30 PM = SECURED WELL & LOCATION = S.D.O.N. = JOB COMPLETE - DROP FROM REPORT = RELEASED WELL TO PRODUCTION DEPT. = MOVING RIG & EQUIPMENT ON 10 / 16 / 2003
						SAFETY MEETING W / ALL PERSONNEL ON LOCATION
12/4/2003	12:00 - 12:30	0.50	MV	1	70DMOB	MIRU KEY RIG # 22 & SPOT AUXILARY EQUIPMENT-RIG PUMP & LINES.
	12:30 - 17:00	4.50	MV	6	00MMIR	SDON.
12/5/2003	17:00 - 17:30	0.50	MV	z	00MMIR	SAFETY MEETING PRIOR TO STARTING OPERATIONS-SICP 550 PSIG-
	07:00 - 07:30	0.50	CM	c	80CMPL	BLEED CASING DOWN TO PIT. FUNCTION TEST PUMP (OK), NO FLUID TO SURFACE-
	07:30 - 10:30	3.00	WS	2	80CMPL	RD POLISH ROD & STUFFING BOX & LAYDOWN 22' X 1-1/4" POLISH ROD- COOH & LAYDOWN 143 (3/4") GRADE "D" RODS W/ 2', 2-4', 1-6', & 1-8' PONY RODS-
						FUNCTION TEST INSERT PUMP (OK)- RU TIW VALVE.
	10:30 - 12:00	1.50	CM	k	80CMPL	RU B&R SLICKLINE- PT LUBRICATOR T/ 300 PSIG (OK)- GIH W/ GUAGE RING T/ 3608'GL-
						TRIP & RUN 1.78" BAKER FWE BLANKING PLUG W/ PUMP THRU BOTTOM & SET IN F NIPPLE @ 3608'GL-
						BLOW DOWN TBG & OBSERVE WELL FOR FLOW- RD SLICKLINE. SET 2-3/8" BPV IN TBG HGR-
	12:00 - 13:00	1.00	WC	e	80CMPL	

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000250A

Common Well Name: SAN JUAN 32-8 UNIT 250A

Event Name: Original Completion

Start: 10/8/2003

Spud Date: 9/30/2003

Contractor Name: KEY FOUR CORNERS

Rig Release:

End: 12/24/2003

Rig Name: KEY ENERGY

Rig Number: 22

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/5/2003	12:00 - 13:00	1.00	WC	e	80CMPL	ND 7-1/16" X 3M BONNET & NU DOUBLE GATE BOP W/ KILL SPOOL.
	13:00 - 16:15	3.25	CM	6	80CMPL	RU AIR LINES, PUMP LINES, TIOGA HEATER, LIGHTS, & ELECTRIC LINES.
12/6/2003	16:15 - 16:45	0.50	CM	z	80CMPL	SDON.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING PRIOR TO STARTING OPERATIONS.
	07:30 - 15:30	8.00	CM	6	80CMPL	RU AUXILIARY EQUIPMENT.
	15:30 - 18:00	2.50	WC	e	80CMPL	CHANGE OUT 7-1/16" X 5M MUD CROSSES- NU BOPE- FABRICATE BLOOIE LINE 90 DEGREE ELBOW.
12/7/2003	18:00 - 18:30	0.50	CM	z	80CMPL	SDON.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS.
						SICP 540 PSIG.
	07:30 - 11:00	3.50	CM	6	80CMPL	RIG UP AUXILIARY EQUIPMENT / TIOGA-FABRICATE ON BLOOIE LINE 90 DEGREE ELBOW.
	11:00 - 12:00	1.00	CM	z	80CMPL	PERFORM RIG & AIR EQUIPMENT INSPECTION.
	12:00 - 13:00	1.00	WC	8	80CMPL	PT LINES, RIG'S AIR -WATER MANIFOLD, KILL LINE, EQUALING LINE, KILL SPOOL, TBG HEAD CONTAINING TBG HGR W/ BPV & CHOKE MANIFOLD T/200 PSIG-5MIN & 2200 PSIG-15 MIN (OK)- PT #1 PIPE RAMS, HCR VALVES T/500 PSIG-3MIN & 2000 PSIG-10 MIN (OK)-
	13:00 - 20:00	7.00	CM	6	80CMPL	FABRICATE ON 90 DEGREE ELBOW, RIG UP BLOOIE LINES, & HANG BACK POWER SWIVEL.
	20:00 - 21:00	1.00	WC	2	80CMPL	EQUALIZE & STRIP OUT TBG HGR W/ BPV-SITP 100 PSIG-KILL TBG W/ 5 BBLS KfC PRODUCED WATER-PULL 2-3/8" BPV IN TBG HGR.
	21:00 - 00:00	3.00	CM	4	80CMPL	COOH & STANDBACK 108 JTS 2-3/8" TBG MEASURING 3314'- LAYDOWN 2-3/8" EUE 8RD X 2-3/8" FL4S X-O SUB, W/ 9- JTS 2-3/8" FL4S TBG, W/ 2-3/8" OD X 1.78" ID F NIPPLE W/ 1.78" PUMP THRU BOTTOM BLANKING PLUG, W/ 2-3/8" PUMPED OUT INLINE CHECK, W/ 2-3/8" FL4S MUD ANCHOR.
	00:00 - 01:00	1.00	WC	1	80CMPL	CHANGE OUT #1 PIPE RAMS F/ 2-3/8" T/ 3-1/2" DC RAMS & #2 PIPE RAMS T/ 2-7/8" PIPE RAMS.
	01:00 - 01:30	0.50	WC	8	80CMPL	PT #1 3-1/2" PIPE RAMS T/ 200 PSIG -3MIN & 550 PSIG-10 MIN (OK).
	01:30 - 06:00	4.50	CM	4	80CMPL	MU 6-1/4" VAREL EDT-24 TRI-CONE INSERT BIT JETTED W/ 3-20'S W/3-1/2" REG BOX x 2-3/8" IF BOX BIT SUB BORED, TAPPED, AND CONTAINING A FLOAT VALVE, W/ 12-(3-1/2") DC'S-TBHA 375.36' GIH W/ BHA PICKING UP 2-7/8" AOH DRILL PIPE W/ 1.875" ID "F" NIPPLE RUN 1-JT ABOVE DRILL COLLARS T/3000' TOC.
						RIG UP POWER SWIVEL.
12/8/2003	06:00 - 07:30	1.50	CM	4	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS-GIH W/ 6-1/4" BHA F/3000-T/3370' (7" SHOE).
	07:30 - 11:00	3.50	WC	8	80CMPL	MU 2-7/8" AOH TEST PLUG - STRIP IN, LAND, & LOCK DOWN IN TBG HEAD- PT #2 2-7/8" PIPE RAMS T/200 PSIG -3MIN & 1825 PSIG-10 MIN (OK). STRIP OUT & LAYDOWN TEST PLUG.
						RU POWER SWIVEL & CHANGE OUT SAVER SUBS- RU T/ 2-7/8" AOH TIW VALVE- PT STANDPIPE / KELLY HOSE / POWER SWIVEL T/ 2000 PSIG (OK)
	11:00 - 12:30	1.50	CM	5	80CMPL	PT AIR LINES IN STAGES T/1500 PSIG (OK). UNLOAD 2-7/8" DRILLPIPE X 7" CASING ANNULUS @ 7" SHOE @ 650-700 PSIG W/ 2.2 MMSCFD AIR & 5-6 BPH MIST RATE- UNLOADED A SLUG OF PRODUCED WATER.
	12:30 - 04:30	16.00	CM	1	80CMPL	GIH W/ 6-1/4" DRLG ASSEMBLY F/ 3370' & TAG UP @ 3556'KB-WORK THRU BRIDGE @ 3556'KB-

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000250A

Common Well Name: SAN JUAN 32-8 UNIT 250A

Event Name: Original Completion

Start: 10/8/2003

Spud Date: 9/30/2003

Contractor Name: KEY FOUR CORNERS

Rig Release:

End: 12/24/2003

Rig Name: KEY ENERGY

Rig Number: 22

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/8/2003	12:30 - 04:30	16.00	CM	1	80CMPL	R&R F/ 3556-T/3722'KB PBD, TIGHT HOLE F/ 3650-3722'KB- PULL UP / R&R @ 3660'KB,R&R DEPTH W/ (1.1MMSFD) AIR & 5-6 BPH MIST @ 250 PSIG- RETURNS: 1-1/2 DOWN TO 1/2 BUCKET / HR (50% COAL & 50% SHALE, UP T/ 95% COAL & ~ 5% SHALE) LARGE DIAMETER 1"+ PIECES OF SHALE , 1-1/2"+ PIECES DOWN TO VERY FINE COAL.
	04:30 - 05:30	1.00	CM	5	80CMPL	DRY UP WELLBORE PRIOR TO FLOW TEST (ESTIMATED DAILY WATER PRODUCTION @ 45 BWPD).
	05:30 - 06:00	0.50	CM	4	80CMPL	PULL UP INTO 7" @ 3338'KB.
12/9/2003	06:00 - 07:30	1.50	CM	u	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS- FLOW TEST THRU 2" TIME CHOK MANIFOLD #S PITOT #S MSCFD / CONSISTENCY 15 MIN'S 8.0 2.0 869 / DRY 30 MIN'S 7.0 1.75 816 / DRY 45 MIN'S 8.0 2.0 869 / DRY 60 MIN'S 8.0 2.0 869 / MIST ISIP -21 PSIG. 1HR SIPBU 15MIN 30MIN 45MIN 60MIN 150# 260# 370# 440# BLEED WELL SLOWLY DOWN TO PIT. COOH W/ 2-7/8" DRILLPIPE & BHA T/800'KB. WAIT ON SNOW STORM TO PASS. COOH W/ 6-1/4" DRLG ASSEMBLY- BIT GRADED: 1-1-NO-A-E-I-NO-TD INSPECT & TIGHTEN HYDRAULIC FITTING ON SINGLE GATE TOWNSEND BOP. MU 6-1/4" VAREL EDT-24 TRI-CONE INSERT RR BIT JETTED W/ 3-20'S W/ 5-3/4" X 10" KNIGHT OIL TOOL UNDER-REAMER W/(PDC CUTTERS), W/ 3-1/2" REG BOX x 2-3/8"IF BOX BIT SUB BORED, TAPPED, AND CONTAINING A FLOAT VALVE, W/ 12-(3-1/2") DC'S- GIH W/ BHA W/ 2-7/8" AOH DRILL PIPE W/ 1.875" ID "F" NIPPLE RUN 1-JT ABOVE DRILL COLLARS T/3375'KB. RU POWER SWIVEL- BREAK CIRCULATION @ 500 PSIG W/ 2.2 MSCFD AIR & 8-10 BPH MIST- OPEN UP UNDER-REAMER & UNDER-REAM F/3385-3710'KB W/ 1800-FT-LBS OF TORQUE, W/ ~1-2K WOB @ 70-100+ RPM'S. CIRCULATE HOLE CLEAN W/ 8 DOWN T/0-BPH MIST W/ 2.2 MMSCFD AIR. PULL UP INTO 7" @ 3365'KB. FLOW TEST THRU 2" TIME CHOK MANIFOLD #S PITOT #S MSCFD / CONSISTENCY 15 MIN'S 8.0 2.0 869 / DRY 30 MIN'S 11.5 2.8 1048 /
	07:30 - 08:30	1.00	CM	t	80CMPL	
	08:30 - 09:45	1.25	CM	4	80CMPL	
	09:45 - 10:45	1.00	WO	w	80CMPL	
	10:45 - 11:30	0.75	CM	4	80CMPL	
	11:30 - 12:00	0.50	WC	z	80CMPL	
	12:00 - 15:00	3.00	CM	4	80CMPL	
	15:00 - 03:45	12.75	CM	1	80CMPL	
	03:45 - 04:15	0.50	CM	5	80CMPL	
	04:15 - 05:00	0.75	CM	4	80CMPL	
	05:00 - 06:00	1.00	CM	u	80CMPL	

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000250A

Common Well Name: SAN JUAN 32-8 UNIT 250A

Event Name: Original Completion

Contractor Name: KEY FOUR CORNERS

Rig Name: KEY ENERGY

Start: 10/8/2003

Rig Release:

Rig Number: 22

Spud Date: 9/30/2003

End: 12/24/2003

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/9/2003	05:00 - 06:00	1.00	CM	u	80CMPL	MIST 45 MIN'S 13.0 3.25 1073 / MIST 60 MIN'S 15.0 3.75 1191 / HEAVY MIST
12/10/2003	06:00 - 09:15	3.25	CM	4	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS- COOH & LAYDOWN 5-3/4" OD UNDER-REAMER W/ 6-1/4" BIT (BIT GRADED: 1-1-NO-A-E-I-NO-TD)-
	09:15 - 10:00	0.75	CM	c	80CMPL	SAFETY RIG INSPECTION.
	10:00 - 12:00	2.00	CM	4	80CMPL	MU 6-1/4" RR BIT & GIH W/ 6-1/4" DRLG ASSEMBLY T/ 3550'KB.
	12:00 - 15:15	3.25	CM	1	80CMPL	R&R F/ 3550-T/3660'KB, R&R DEPTH W/ 1.1 MMSCFD AIR & 5-6 BPH MIST @ 275 PSIG CONTAINING (1-GAL FOAMER & 1/4 GAL CORROSION INHIBITOR/10BBLs PRODUCED Kfc WATER) RETURNS: 1 DOWN T (1/2) OF A BUCKET /HR OFF MUD LOGGER SAMPLIER VALVE OF GRIT (FRAC SAND SIZE) DOWN TO FACE POWDER TYPE OF COAL. 98-99% COAL- ~1-2% SHALE.
	15:15 - 16:00	0.75	CM	4	80CMPL	PULL UP 6-1/4" BHA INTO 7" @ 3338'KB.
	16:00 - 06:00	14.00	CM	1	80CMPL	PERFORM 300-600-800-1000 STAGED PRESSURE W/ 5 BBL WATER PADS AIR ASSIST SURGES #1-#5- T ~1000 PSIG- SPEARHEAD 2 GALS FOAMER AHEAD SURGE #1 W/ 2.2 MMSCFD AIR, 8-12 BPH MIST SURGE # DPP SICP TIME TO BUILD SURGE RETURNS: 1 1000 400 73MIN CLEAN -NO RETURNS 2 1000 400 64 MIN 1/4+ BUCKET / HR OF 90%COAL / 10% SH 3 1000 650 66MIN 1/2+ BUCKET / HR OF 95%COAL / 5% SH 4 1000 525 64 MIN 2+ BUCKETS / HR OF 95%COAL / 5% SH 5 1000 600 65 MIN 2+ BUCKETS / HR OF 95%COAL / 5% SH
12/11/2003	06:00 - 06:30	0.50	CM	4	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS- GIH W/ 6-1/4" DRLG ASSEMBLY F/3338 & TAG UP FILL @ 3550'KB.
	06:30 - 06:00	23.50	CM	1	80CMPL	R&R F/ 3550-T/3650'KB W/ 1.1 MMSCFD AIR & 5-6 BPH MIST @ 300 PSIG CONTAINING (1-GAL FOAMER & 1/4 GAL CORROSION INHIBITOR/10BBLs PRODUCED Kfc WATER) RETURNS: 2+ DOWN T (1-1/2) BUCKETS /HR OFF MUD LOGGER SAMPLIER VALVE OF GRIT (FRAC SAND SIZE) DOWN TO FACE POWDER TYPE OF COAL. 98-99% COAL- ~1-2% SHALE.
12/12/2003	06:00 - 17:30	11.50	CM	1	80CMPL	SAFETY MEETING PRIOR TO STARTING OPERATIONS- R&R F/ 3620-T/3660'KB-R&R DEPTH W/ 2.2 DOWN T/ 1.1 MMSCFD AIR & 5-6 BPH MIST @ 475-300 PSIG CONTAINING (1-GAL FOAMER & 1/4 GAL CORROSION INHIBITOR/10BBLs PRODUCED Kfc WATER) RETURNS: 1-1/2 UP T/ 3+ AND BACK DOWN T (1/2) OF A BUCKET /HR OFF MUD LOGGER SAMPLIER VALVE OF GRIT (FRAC SAND

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Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000250A
 Common Well Name: SAN JUAN 32-8 UNIT 250A
 Event Name: Original Completion
 Contractor Name: KEY FOUR CORNERS
 Rig Name: KEY ENERGY

Spud Date: 9/30/2003
 End: 12/24/2003
 Start: 10/8/2003
 Rig Release:
 Rig Number: 22
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/12/2003	06:00 - 17:30	11.50	CM	1	80CMPL	SIZE) TYPE OF COAL. 99% COAL- ~1% SHALE.
	17:30 - 19:00	1.50	CM	5	80CMPL	DRY UP WELLBORE & OBTAIN A 4-5 GAL/MIN WATER PRODUCTION RATE ~150 BWPD.
	19:00 - 20:00	1.00	CM	4	80CMPL	PULL UP INTO 7" CASING @ 3338'KB.
	20:00 - 21:30	1.50	CM	u	80CMPL	FLOW TEST THRU 2" TIME CHOKES MANIFOLD #S PITOT #S MSCFD / CONSISTENCY
						15 MIN'S 7.0 1.75 846 / DRY
						30 MIN'S 18.0 4.5 1304 / WET
						45 MIN'S 19.0 4.75 1344 / HEAVY MIST
						60 MIN'S 19.0 4.75 1344 / HEAVY MIST
	21:30 - 22:30	1.00	CM	t	80CMPL	ISIP-42 PSIG. 1-HR SIPBU 15MIN 30MIN 45MIN 60MIN 250# 350# 420# 450#
	22:30 - 06:00	7.50	CM	1	80CMPL	BLEED WELL DOWN TO PIT. PERFORM 300-600-800-900 STAGED PRESSURE W/ 5 BBL WATER PADS AIR ASSIST SURGES #6-#9- T ~900 PSIG- SPEARHEAD 2 GALS FOAMER AHEAD SURGE #6 W/ 2.2 MMSCFD AIR, 8-12 BPH MIST
12/13/2003	06:00 - 09:00	3.00	CM	1	80CMPL	SURGE # DPP SICP TIME TO BUILD SURGE RETURNS: 6 800 400 60MIN TRACE OF COAL 7 800 600 60 MIN 1/4+ BUCKET / HR OF 95%COAL / 5% SH 8 800 500 60MIN 1+ BUCKETS / HR OF 95%COAL / 5% SH 9 900 550 65 MIN 1+ BUCKETS / HR OF 95%COAL / 5% SH
						SAFETY MEETING PRIOR TO STARTING OPERATIONS- PERFORM 500-600-700-750 STAGED PRESSURE W/ 5 BBL WATER PADS AIR ASSIST SURGES #10- T ~750 PSIG- SURGE #10 W/ 2.2 MMSCFD AIR, 8-12 BPH MIST
						SURGE # DPP SICP TIME TO BUILD SURGE RETURNS: 10 750 350 50 MIN 2+ BUCKETS / HR OF 99%COAL / 1% SH
	09:00 - 09:45	0.75	CM	4	80CMPL	GIH W/ 6-1/4" DRLG ASSEMBLY F/ 3338'KB - T/ 3550'KB.
	09:45 - 06:00	20.25	CM	1	80CMPL	R&R F/ 3550-T/3650'KB- W/ 1.1 MMSCFD AIR & 5-6 BPH MIST @ 300 PSIG CONTAINING (1-GAL FOAMER & 1/4 GAL CORRISION INHIBITOR / 10BBLs PRODUCED Kfc WATER) RETURNS: 2-1/2 UP T/ 3+ AND BACK DOWN T (1-1/2) BUCKETS /HR OFF MUD LOGGER SAMPLER VALVE OF GRIT (FRAC SAND SIZE) TYPE OF COAL, W/ OCCASIONAL 3/4" CHUNKS OF COAL. 99% COAL- ~1% SHALE.
						SAFETY MEETING PRIOR TO STARTING OPERATIONS- R&R F/ 3620-T/3660'KB-R&R DEPTH
12/14/2003	06:00 - 14:30	8.50	CM	1	80CMPL	

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000250A

Common Well Name: SAN JUAN 32-8 UNIT 250A

Event Name: Original Completion

Start: 10/8/2003

Spud Date: 9/30/2003

Contractor Name: KEY FOUR CORNERS

Rig Release:

End: 12/24/2003

Rig Name: KEY ENERGY

Rig Number: 22

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/14/2003	06:00 - 14:30	8.50	CM	1	80CMPL	W/ 1.1 MMSCFD AIR & 5-6 BPH MIST @ 300 PSIG CONTAINING (1-GAL FOAMER & 1/4 GAL CORROSION INHIBITOR/10BBLs PRODUCED Kfc WATER) RETURNS: 1-1/2 DOWN T (3/4) OF A BUCKET /HR OFF MUD LOGGER SAMPLER VALVE OF GRIT (FRAC SAND SIZE) TYPE OF COAL, W/ OCCASIONAL LARGER 1/4-3/8" PIECES. 99% COAL- ~1% SHALE.
	14:30 - 16:00	1.50	CM	5	80CMPL	DRY UP WELLBORE & OBTAIN A 5+ GAL/MIN WATER PRODUCTION RATE ~150-175 BWPD.
	16:00 - 16:30	0.50	CM	4	80CMPL	PULL UP INTO 7" CASING @ 3338'KB.
	16:30 - 18:00	1.50	CM	u	80CMPL	FLOW TEST THRU 2" TIME CHOKES MANIFOLD #S PITOT #S MSCFD / CONSISTENCY
						15 MIN'S 35.0 8.75 1848 / DRY-VAPOR
						30 MIN'S 52.0 13.00 2237 / WET
						45 MIN'S 42.0 10.50 1991 / HEAVY MIST
						60 MIN'S 40.0 10.00 1948 / LT MIST
						75 MIN'S 34.0 8.50 1808 / DRY
						90 MIN'S 42.0 10.50 1991 / DRY
12/15/2003	18:00 - 19:00	1.00	CM	t	80CMPL	ISIP-62 PSIG. 1-HR SIPBU 15MIN 30MIN 45MIN 60MIN 300# 350# 390# 400#
	19:00 - 05:30	10.50	CM	1	80CMPL	BLEED WELL DOWN TO PIT. PERFORM 300-600-750 STAGED PRESSURE W/ 5 BBL WATER PADS AIR ASSIST SURGES #11-#15- T~750 PSIG- SPEARHEAD 2 GALS FOAMER AHEAD SURGE #11 W/ 2.2 MMSCFD AIR, 8-12 BPH MIST SURGE BRK/OVR TIME TO BUILD RETURNS: # DPP SICP SURGE / MIN BUCKETS/HR 11 675 380 45 1/4 12 720 425 55 1/2+ BUCKET / HR OF 95%COAL / 5% SH 13 750 425 45 1/2+ BUCKET / HR OF 95%COAL / 5% SH 14 725 400 56 1+ BUCKETS / HR OF 95%COAL / 5% SH 15 750 400 49 1+ BUCKETS / HR OF 95%COAL / 5% SH
	05:30 - 06:00	0.50	CM	4	80CMPL	GIH W/ 6-1/4" DRLG ASSEMBLY F/3338-T/3550'KB.
	06:00 - 19:30	13.50	CM	1	80CMPL	SAFETY MEETING PRIOR TO STARTING OPERATIONS- R&R F/ 3550-T/3660'KB-R&R DEPTH W/ 1.1 MMSCFD AIR & 5-6 BPH MIST @ 300 PSIG CONTAINING (1-GAL FOAMER & 1/4 GAL CORROSION INHIBITOR/10BBLs PRODUCED Kfc WATER) RETURNS: 2+ DOWN T (3/4) OF A BUCKET /HR OFF MUD LOGGER

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000250A

Common Well Name: SAN JUAN 32-8 UNIT 250A

Event Name: Original Completion

Start: 10/8/2003

Spud Date: 9/30/2003

Contractor Name: KEY FOUR CORNERS

Rig Release:

End: 12/24/2003

Rig Name: KEY ENERGY

Rig Number: 22

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/15/2003	06:00 - 19:30	13.50	CM	1	80CMPL	SAMPLIER VALVE OF GRIT (FRAC SAND SIZE) TYPE OF COAL, W/ OCCASIONAL LARGER 1/4" PIECES. 99% COAL - ~1% SHALE.
	19:30 - 21:00	1.50	CM	5	80CMPL	DRY UP WELLBORE & OBTAIN A 3.75 GAL/MIN WATER PRODUCTION RATE ~125 BWPD.
	21:00 - 21:45	0.75	CM	4	80CMPL	PULL UP INTO 7" CASING @ 3338'KB.
	21:45 - 22:45	1.00	CM	u	80CMPL	FLOW TEST THRU 2"
						TIME CHOKES MANIFOLD #S PITOT #S MSCFD /
						CONSISTENCY
						15 MIN'S 30.0 7.50 1702 /
						MIST
						30 MIN'S 38.0 9.50 1917 /
						MIST
12/15/2003						45 MIN'S 39.0 9.75 1946 /
						DRY
						60 MIN'S 37.0 9.25 1896 /
						DRY
						ISIP-80 PSIG.
	22:45 - 00:00	1.25	CM	t	80CMPL	1-HR SIPBU
						15MIN 30MIN 45MIN 60MIN
						310# 370# 400# 440#
						BLEED WELL DOWN TO PIT.
	00:00 - 06:00	6.00	CM	1	80CMPL	PERFORM 300-600 STAGED PRESSURE W/ 5 BBL WATER PADS
12/16/2003						AIR ASSIST SURGES #16-#17-
						T ~680 PSIG-
						SPEARHEAD 2 GALS FOAMER AHEAD SURGE #16 W/ 2.2 MMSCFD
						AIR, 8-12 BPH MIST
						SURGE BRK/OVR TIME TO BUILD RETURNS:
						# DPP SICP SURGE / MIN BUCKETS/HR
						16 680 440 40 1/2+ BUCKET / HR OF
						95%COAL / 5% SH
						17 650 400 45 1/4+ BUCKET / HR OF
						95%COAL / 5% SH.
12/16/2003	06:00 - 21:00	15.00	CM	1	80CMPL	SAFETY MEETING PRIOR TO STARTING OPERATIONS-
						PERFORM 300-600 STAGED PRESSURE W/ 5 BBL WATER PADS
						AIR ASSIST SURGES #18-#25-
						T ~760 PSIG W/ 2.2 MMSCFD AIR, 8-12 BPH MIST
						SURGE BRK/OVR TIME TO BUILD RETURNS:
						# DPP SICP SURGE / MIN BUCKETS/HR
						18 750 445 50 3/4+ BUCKET / HR OF
						95%COAL / 5% SH
						19 750 400 40 1/4+ BUCKET / HR OF
						80%COAL / 20% SH.
12/16/2003						20 700 400 45 1/2+ BUCKET / HR OF
						95%COAL / 5% SH
						21 750 420 45 1/2+ BUCKET / HR OF
						95%COAL / 5% SH.
						22 760 420 45 1/4+ BUCKET / HR OF
						95%COAL / 5% SH
						23 750 420 45 1/4+ BUCKET / HR OF
						95%COAL / 5% SH.
						24 760 420 45 1/4+ BUCKET / HR OF
						95%COAL / 5% SH

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000250A

Common Well Name: SAN JUAN 32-8 UNIT 250A

Event Name: Original Completion

Start: 10/8/2003

Spud Date: 9/30/2003

Contractor Name: KEY FOUR CORNERS

Rig Release:

End: 12/24/2003

Rig Name: KEY ENERGY

Rig Number: 22

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/16/2003	06:00 - 21:00	15.00	CM	1	80CMPL	25 760 420 50 3/4+ BUCKET / HR OF 95%COAL / 5% SH.
	21:00 - 22:00	1.00	CM	4	80CMPL	GIH W/ 6-1/4" DRLG ASSEMBLY F/3338-T/3600'-PULL BACK UP INTO 7" CASING.
	22:00 - 06:00	8.00	CM	1	80CMPL	PERFORM 300-600-760 STAGED PRESSURE W/ 5 BBL WATER PADS AIR ASSIST SURGES #26-#29- T ~760 PSIG W/ 2 GALS FOAMER SPEARHEADING SURGE # 26 W/ 2.2 MMSCFD AIR, 8-12 BPH MIST SURGE BRK/OVR TIME TO BUILD RETURNS: # DPP SICP SURGE / MIN BUCKETS/HR 26 760 410 50 1/2+ BUCKET / HR OF 95%COAL / 5% SH 27 750 420 40 3/4+ BUCKET / HR OF 95%COAL / 5% SH. 28 750 440 50 3/4+ BUCKET / HR OF 95%COAL / 5% SH 29 750 440 50 3/4+ BUCKET / HR OF 95%COAL / 5% SH.
12/17/2003	06:00 - 09:00	3.00	CM	1	80CMPL	SAFETY MEETING PRIOR TO STARTING OPERATIONS- PERFORM 300-600 STAGED PRESSURE W/ 5 BBL WATER PADS AIR ASSIST SURGES #30- T ~760 PSIG W/ 2.2 MMSCFD AIR, 8-12 BPH MIST SURGE BRK/OVR TIME TO BUILD RETURNS: # DPP SICP SURGE / MIN BUCKETS/HR 30 760 440 50 3/4+ BUCKET / HR OF 95%COAL / 5% SH.
	09:00 - 09:30	0.50	CM	4	80CMPL	GIH W/ 6-1/4" DRLG ASSEMBLY F/3338-T/3550'KB.
	09:30 - 18:00	8.50	CM	1	80CMPL	R&R F/ 3550-T/3590'KB-R&R DEPTH W/ 1.1 MMSCFD AIR & 5-6 BPH MIST @ 300 PSIG CONTAINING (1-GAL FOAMER & 1/4 GAL CORRIOSION INHIBITOR / 10BBLs PRODUCED Kfc WATER) RETURNS: 2+ DOWN T (3/4) OF A BUCKET /HR OFF MUD LOGGER SAMPLER VALVE OF GRIT (FRAC SAND SIZE) DOWN TO FACE POWDER TYPE OF COAL. 99% COAL- ~1% SHALE.
	18:00 - 18:30	0.50	CM	4	80CMPL	PULL UP INTO 7" @ 3338'KB.
	18:30 - 06:00	11.50	CM	1	80CMPL	PERFORM 300-500-600 STAGED PRESSURE W/ 5 BBL WATER PADS AIR ASSIST SURGES #31-#35- T ~680 PSIG W/ 2 GALS FOAMER SPEARHEADING SURGE # 31 W/ 2.2 MMSCFD AIR, 8-12 BPH MIST SURGE BRK/OVR TIME TO BUILD RETURNS: # DPP SICP SURGE / MIN BUCKETS/HR 31 640 440 45 TRACE 32 680 340 40 1/4+ BUCKET / HR OF 95%COAL / 5% SH. 33 610 320 45 1/4+ BUCKET / HR OF 95%COAL / 5% SH 34 600 420 55 1/4+ BUCKET / HR OF 95%COAL / 5% SH. 35 600 340 50 1/2+ BUCKET / HR OF

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000250A

Common Well Name: SAN JUAN 32-8 UNIT 250A

Event Name: Original Completion

Start: 10/8/2003

Spud Date: 9/30/2003

Contractor Name: KEY FOUR CORNERS

Rig Release:

End: 12/24/2003

Rig Name: KEY ENERGY

Rig Number: 22

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/17/2003	18:30 - 06:00	11.50	CM	1	80CMPL	95%COAL / 5% SH.
12/18/2003	06:00 - 17:30	11.50	CM	1	80CMPL	SAFETY MEETING PRIOR TO STARTING OPERATIONS- PERFORM 300-600-630-1000 STAGED PRESSURE W/ 5 UP T/10 BBL WATER PADS AIR ASSIST SURGES #36-#40 T ~1000 PSIG W/ 2.2 MMSCFD AIR, 8-12 BPH MIST SURGE BRK/OVR TIME TO BUILD RETURNS: # DPP SICP SURGE / MIN BUCKETS/HR 36 630 350 45 1/4+ BUCKET / HR OF 95%COAL / 5% SH. *37 660 360 90 1/4+ BUCKET / HR OF 99%COAL / 1% SH. *38 750 420 90 1/4+ BUCKET / HR OF 99%COAL / 1% SH. *39 860 500 75 1-1/2+ BUCKETS / HR OF 99%COAL / 1% SH. *40 1000 860 65 4+ BUCKETS / HR OF 99%COAL / 1% SH. * DENOTES INCREASED STAGED WATER PADS T/ 10 BBLs. GIH W/ 6-1/4" DRLG ASSEMBLY F/3338-T/3480'KB. R&R F/ 3465-T/3525'KB-R&R DEPTH W/ 1.1 MMSCFD AIR & 5-6 BPH MIST @ 325 PSIG CONTAINING (1-GAL FOAMER & 1/4 GAL CORRISION INHIBITOR / 10BBLs PRODUCED Kfc WATER) RETURNS: 3-1/2+ DOWN T (2+) BUCKETS /HR OFF MUD LOGGER SAMPLIER VALVE OF GRIT (FRAC SAND SIZE) DOWN TO FACE POWDER TYPE OF COAL. 99% COAL- ~1% SHALE.
	17:30 - 18:15	0.75	CM	4	80CMPL	
	18:15 - 06:00	11.75	CM	1	80CMPL	R&R F/ 3495-T/3588'KB-R&R DEPTH W/ 1.1 MMSCFD AIR & 5-6 BPH MIST @ 300 PSIG CONTAINING (1-GAL FOAMER & 1/4 GAL CORRISION INHIBITOR / 10BBLs PRODUCED Kfc WATER) RETURNS: 2+ UP T/ (8+ RUNNING COAL) BUCKETS /HR OFF MUD LOGGER SAMPLIER VALVE OF FACE POWDER TYPE OF COAL UP T/ 1-1/2" CHUNKS OF COAL AND SHALE. 90-80% COAL- ~10-20% SHALE. R&R F/ 3556-T/3588'KB-R&R DEPTH W/ 2.2 MMSCFD AIR & 8-10 BPH MIST @ 500 PSIG CONTAINING (1-GAL FOAMER & 1/4 GAL CORRISION INHIBITOR / 10BBLs PRODUCED Kfc WATER) RETURNS: RUNNING COAL (8+) BUCKETS /HR OFF MUD LOGGER SAMPLIER VALVE OF FACE POWDER TYPE OF COAL UP T/ 1-1/2" CHUNKS OF COAL AND SHALE. 90% COAL- ~10% SHALE.
12/19/2003	06:00 - 16:00	10.00	CM	1	80CMPL	SAFETY MEETING PRIOR TO STARTING OPERATIONS- R&R F/ 3495-T/3588'KB-R&R DEPTH W/ 1.1 MMSCFD AIR & 5-6 BPH MIST @ 300 PSIG CONTAINING (1-GAL FOAMER & 1/4 GAL CORRISION INHIBITOR / 10BBLs PRODUCED Kfc WATER) RETURNS: 2+ UP T/ (8+ RUNNING COAL) BUCKETS /HR OFF MUD LOGGER SAMPLIER VALVE OF FACE POWDER TYPE OF COAL UP T/ 1-1/2" CHUNKS OF COAL AND SHALE. 90-80% COAL- ~10-20% SHALE. R&R F/ 3556-T/3588'KB-R&R DEPTH W/ 2.2 MMSCFD AIR & 8-10 BPH MIST @ 500 PSIG CONTAINING (1-GAL FOAMER & 1/4 GAL CORRISION INHIBITOR / 10BBLs PRODUCED Kfc WATER) RETURNS: RUNNING COAL (8+) BUCKETS /HR OFF MUD LOGGER SAMPLIER VALVE OF FACE POWDER TYPE OF COAL UP T/ 1-1/2" CHUNKS OF COAL AND SHALE. 90% COAL- ~10% SHALE.
	16:00 - 06:00	14.00	CM	1	80CMPL	SAFETY MEETING PRIOR TO STARTING OPERATIONS- R&R F/ 3556-T/3650'KB-R&R DEPTH W/ 2.2 MMSCFD AIR & 8-10 BPH MIST @ 500 PSIG CONTAINING (1-GAL FOAMER & 1/4 GAL CORRISION INHIBITOR / 10BBLs PRODUCED Kfc WATER) RETURNS: RUNNING COAL (8+) DOWN T/ 1-1/2 BUCKETS /HR OFF MUD LOGGER SAMPLIER VALVE OF FACE POWDER TYPE OF COAL UP T/ 1+" CHUNKS OF COAL.
12/20/2003	06:00 - 06:00	24.00	CM	1	80CMPL	

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000250A

Common Well Name: SAN JUAN 32-8 UNIT 250A

Event Name: Original Completion

Contractor Name: KEY FOUR CORNERS

Rig Name: KEY ENERGY

Start: 10/8/2003

Rig Release:

Rig Number: 22

Spud Date: 9/30/2003

End: 12/24/2003

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/20/2003	06:00 - 06:00	24.00	CM	1	80CMPL	90-99% COAL- ~10-1% SHALE.
12/21/2003	06:00 - 00:00	18.00	CM	1	80CMPL	SAFETY MEETING PRIOR TO STARTING OPERATIONS- R&R F/ 3619-T/3680'KB-20' BELOW R&R DEPTH W/ 2.2 MMSCFD AIR & 8-10 BPH MIST @ 450 PSIG CONTAINING (1-GAL FOAMER & 1/4 GAL CORROSION INHIBITOR / 10BBLs PRODUCED KfC WATER) RETURNS: 1-1/2 UP T/ 2+ AND BACK DOWN T/ 1/2 OF A BUCKET /HR OFF MUD LOGGER SAMPLER VALVE OF FACE POWDER TYPE OF COAL UP T/ 1/4 - 1+" CHUNKS OF COAL. ~99% COAL- ~1% SHALE.
	00:00 - 01:30	1.50	CM	5	80CMPL	DRY UP WELLBORE PRIOR TO FLOW TEST- 3+ GPM = 100+ BWPD.
	01:30 - 02:00	0.50	CM	4	80CMPL	PULL UP BHA INTO 7" @ 3338'KB.
	02:00 - 03:00	1.00	CM	u	80CMPL	FLOW TEST THRU 2" TIME CHOKER MANIFOLD #S PITOT #S MSCFD / CONSISTENCY 15 MIN'S 55.0 13.75 2305 / LITE MIST 30 MIN'S 55.0 13.75 2305 / MEDIUM MIST 45 MIN'S 52.0 13.00 2237 / LITE MIST 60 MIN'S 52.0 13.00 2237 / LITE MIST ISIP-94 PSIG.
	03:00 - 04:00	1.00	CM	t	80CMPL	1-HR SIPBU 15MIN 30MIN 45MIN 60MIN 350# 390# 420# 430# BLEED WELL DOWN TO PIT.
	04:00 - 04:30	0.50	CM	4	80CMPL	GIH W/ 6-1/4" DRLG ASSEMBLY T/ 3680'KB-
	04:30 - 06:00	1.50	CM	5	80CMPL	CLEANOUT RATHOLE SECTION F/ 3660-3722'KB, PBTD- W/ 2.2 MMSCFD AIR & 8-10 BPH MIST.
12/22/2003	06:00 - 09:30	3.50	CM	4	80CMPL	SAFETY MEETING PRIOR TO STARTING OPERATIONS- SHORT TRIP T/ 7" @ 3370'KB- TRIP & TAG 1ST BRIDGE @ 3556' PUSH THROUGH W/ 3K WOB, TAG @ 3620' PUSH THROUGH W/ 1K WOB T/ 3715'KB. SHORT TRIP INTO 7"- HANG BACK POWER SWIVEL- COOH W/ 2-7/8" DRILLPIPE & STANDBACK DRILLCOLLARS- RU TO RUN 5-1/2" LINER- MU 5-1/2" X 7" SLPR BAKER HYDRAULIC LINER HANGER ON 1ST JOINT OF DRILL PIPE. MU 6-1/4" EDT-24 RR BIT BIT GRADED: 1-1-NO-A-F-I-NO-TD JETTED W/ 3-20'S W/ 3-1/2" REG X 5-1/2" LTC BIT SUB BORED, TAPPED, & CONTAINING FLOAT VALVE ON 1ST JOINT OF 5-1/2" LTC PIN X 5-1/2" LTC BOX PRODUCTION CASING LINER. PT 5-1/2" PIPE RAMS T/200 PSIG-3MIN & 420 PSIG-10MIN (OK). BLEED WELL SLOWLY DOWN TO PIT. GIH W/ LINER ASSEMBLY AS FOLLOWS: 6-1/4" RR BIT - 0. 3-1/2" REG X 5-1/2" LT&C BIT SUB - 1.37' 9 JTS 5-1/2" 15.5 PPF, J-55 LT&C CASING - 390.47' 5-1/2" LT&C SLPR BAKER HYDRAULIC LINER HANGER - 3.03'
	09:30 - 10:00	0.50	CS	6	50PRRC	
	10:00 - 10:15	0.25	WC	8	50PRRC	
	10:15 - 12:00	1.75	CS	2	50PRRC	

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000250A

Common Well Name: SAN JUAN 32-8 UNIT 250A

Event Name: Original Completion

Contractor Name: KEY FOUR CORNERS

Rig Name: KEY ENERGY

Start: 10/8/2003

Rig Release:

Rig Number: 22

Spud Date: 9/30/2003

End: 12/24/2003

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/22/2003	10:15 - 12:00	1.75	CS	2	50PRRC	TOTAL LINER ASSEMBLY - 395.47'
	12:15 - 13:30	1.25	CS	z	50PRRC	GIH W/ 95 JTS 2-7/8" DP T/3368'KB. TRIP IN & TAG BRIDGE @ 3567'KB- BREAK CIRCULATION W/ 1.1 MMSCFD AIR & 8 BPH MIST @ 300-325 PSIG - DRILL DOWN & THRU BRIDGES @ 3567', & 3660' AND DOWN THRU RATHOLE SECTION T/3719'KB PUMP 10 BBLS AHEAD & DROP SETTING BALL DISPLACE W/ 30 BBLS Kfc PRODUCED WATER- SET & RELEASE FROM LINER HANGER W/ 1500-2400 PSIG TOP OF LINER @ 3323.53'KB. 7" SHOE @ 3370'KB. PBTB @ 3717'KB. 6-1/4" @ 3719'KB.
	13:30 - 14:30	1.00	CS	5	50PRRC	OPEN UP BLOOIE LINES & UNLOAD 2-7/8" DP X 7" CASING W/ AIR MIST @ 500-300 PSIG TO PIT.
	14:30 - 15:15	0.75	CM	6	80CMPL	RD POWER SWIVEL.
	15:15 - 22:00	6.75	CM	4	80CMPL	COOH & LAYDOWN 2-7/8" DRILLPIPE & SETTING TOOL-TRIP IN & LAYDOWN DC'S.
	22:00 - 06:00	8.00	CM	6	80CMPL	SIW- DRAIN UP PUMPS & LINES- X-O PIPE RAMS, SLIPS, ELEVATORS, TALLY 2-3/8" TBG- RU TO PERFORATE.
	06:00 - 11:00	5.00	CM	q	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS-SICP 475 PSIG. RU BLUE JET PERFORATORS- PT LUBRICATOR T/475 PSIG (OK)- GIH & PERFORATE Kfc INTERVALS: 3658-3660' 3652-3654' 3645-3650' 3639-3642' 3606-3609' 3591-3600' 3575-3581' 3561-3570' 3532-3537' 3525-3530' 3515-3522' 3508-3512' 3503-3506' TOTAL 63' @ 4 SPF = 252 (0.75") DIAMETER 90 DEGREE PHASED HOLES. RD PERFORATORS. PT 2-3/8" PIPE RAMS T/200 PSIG-3MIN & 475 PSIG-10MIN (OK)- BLEED WELL SLOWLY DOWN TO PIT ON 2"- GIH W/ 26.6' X 2-7/8" 8RD EUE BOX ORANGE PEELED MUD ANCHOR W/ 4-(-1" X 4") SLOTS, 2-7/8" X 2-3/8" EUE 8RD X-O COLLAR (0.48") , W/ 0.85' x 2-3/8" OD X 1.78" ID "F" NIPPLE CONTAINING BLANKING PLUG (PRESSURE TEST BP IN FN ON 12-19-03 @ BR SERVICE T/ 1000 PSIG -OK)-, W/ 2-3/8" X 10.10' PUP JOINT-
12/23/2003	11:00 - 12:15	1.25	WC	8	80CMPL	
	12:15 - 14:15	2.00	CM	4	80CMPL	

CONOCOPHILLIPS CO
Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000250A

Common Well Name: SAN JUAN 32-8 UNIT 250A

Event Name: Original Completion

Contractor Name: KEY FOUR CORNERS

Rig Name: KEY ENERGY

Start: 10/8/2003

Rig Release:

Rig Number: 22

Spud Date: 9/30/2003

End: 12/24/2003

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/23/2003	12:15 - 14:15	2.00	CM	4	80CMPL	W/ 119 JTS 2-3/8" EUE 8RD 4.7 PPF J-55 TBG MEASURING (3655.66')- LAND TBG W/ 2-3/8" EUE 8RD X 7-1/16" TBG HGR CONTAINING A BPV PBD @ 3717'KB EOT / MUD ANCHOR @ 3704'KB 1" X 4" SLOTS 3682'KB 1.78" FN @ 3677'KB. PERF INTERVAL 3503-3660'KB.
	14:15 - 15:15	1.00	WC	e	80CMPL	RIG DOWN FLOOR & ND BOPE-NU 2-3/8" EUE 8RD X 7-1/16" 3M BONNET-PULL BPV FROM TBG HGR.
	15:15 - 17:00	1.75	CM	k	80CMPL	RU B&R SLICKLINE SERVICE-PT LUBRICATOR T/420 PSIG (OK)- GIH W/ EQUALIZING PROBE & RUPTURE DISC IN BP @ 3678'KB, TRIP & PULL BP IN FN.
	17:00 - 19:00	2.00	CM	u	80CMPL	FLOW TEST THRU 2" TIME CHOKES MANIFOLD #S PITOT #S MSCFD / CONSISTENCY
						15 MIN'S 58.0 14.50 2393 / DRY
						30 MIN'S 50.0 12.50 2217 / DRY
12/24/2003						45 MIN'S 48.0 12.00 2148 / DRY
						60 MIN'S 44.0 11.00 2039 / DRY
						90 MIN'S 46.0 11.50 2130 / DRY
						120 MIN'S 48.0 12.00 2148 / DRY
	19:00 - 06:00	11.00	CM	6	80CMPL	RD ACCUMULATOR LINES AND MISC RIG DOWN- MAINTAIN HEAT W/ TIOGA ON RIG PUMP, WELLHEAD, & CHOKE MANIFOLD.
	06:00 - 07:30	1.50	CM	c	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS-SICP 410 PSIG.
12/24/2003	07:30 - 11:00	3.50	WS	2	80CMPL	BLEED WELL DOWN TO PIT. RU TO RUN RODS- FUNCTION TEST INSERT PUMP (OK)- GIH W/ 12" STRAINER ATTACHED BELOW 2" X 1 1/2" X 12' RWAC-Z INSERT PUMP W/ 4' PONY ROD AND 146 3/4" NORRIS, TYPE 78, API GRADE "D" RODS, SPACE OUT W/ 8' & 2' PONY RODS, RUN 1 1/4" X 22' POLISHED ROD. RIG UP ABOVE 2-3/8" COLLAR 1-1/4" ROD RATAGAN, 2-3/8" PUMPING TEE W/ 2" & 1" OUTLETS W/ BALL VALVES, STUFFING BOX. PUMP SEATED @ 3677'KB, FN.
						LOAD TBG W/ 14 BBLS CLEAN PRODUCED Kfc WATER- PT STANDING VALVE, TBG, STUFFING BOX T/ 500 PSIG (OK)- STROKE PUMP T/500 PSIG & CHECK TRAVELING VALVE (OK). HANG OFF PUMP.
	11:00 - 12:00	1.00	CM	u	80CMPL	FINAL FLOW TEST THRU 2" WHILE RUNNING RODS- TIME CHOKES MANIFOLD #S PITOT #S MSCFD / CONSISTENCY
						15 MIN'S 90.0 22.50 3087 /

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000250A

Common Well Name: SAN JUAN 32-8 UNIT 250A

Spud Date: 9/30/2003

Event Name: Original Completion

Start: 10/8/2003

End: 12/24/2003

Contractor Name: KEY FOUR CORNERS

Rig Release:

Group:

Rig Name: KEY ENERGY

Rig Number: 22

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/24/2003	11:00 - 12:00	1.00	CM	u	80CMPL	MEDIUM MIST 30 MIN'S 103.0 25.75 3377 / HEAVY MIST & SURGING 45 MIN'S 90.0 22.50 3087 / MEDIUM MIST 60 MIN'S 103.0 25.75 3377 / HEAVY MIST & SURGING
	12:00 - 16:30	4.50	CM	6	80CMPL	DRAINUP-RIG DOWN- EXTREMELY MUDDY LOCATION CONDITIONS.
	16:30 - 17:00	0.50	CM	z	80CMPL	SDON.
12/25/2003	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS-
	07:30 - 12:00	4.50	CM	6	80CMPL	RIG DOWN- RELEASE RIG @ 12:00, 12-24-03 T/ SJ 30-5 #219A- DROP FROM REPORT- SHUT DOWN OVER X-MAS HOLIDAYS- TURN OVER TO PRODUCTION OPERATIONS ON 12-29-03 AFTER 12:00 HRS- "JOB COMPLETE".