

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

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. NMSF078687		
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.		
3. Address PO BOX 2197 WL3 4066 HOUSTON, TX 77252			8. Lease Name and Well No. SJ 32 FED 8 1A		
3a. Phone No. (include area code) Ph: 832.486.2326			9. API Well No. 30-045-31268-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 8 T32N R9W Mer NMP At surface SESE 693FSL 767FEL 36.99389 N Lat, 107.79610 W Lon At top prod interval reported below At total depth			10. Field and Pool, or Exploratory BASIN FRUITLAND COAL		
14. Date Spudded 02/20/2003			15. Date T.D. Reached 02/23/2003		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/14/2003			17. Elevations (DF, KB, RT, GL)* 6843 GL		
18. Total Depth: MD 3606 TVD		19. Plug Back T.D.: MD 3440 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
			0						
			0						
12.250	9.625 H-40	32.0	0	219		135	325	0	
8.750	7.000 J-55	20.0	0	3368		485	250	0	
6.250	5.500 J-55	16.0	3300	3606		0	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	3415							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	3390	3438	3390 TO 3438	0.750	152	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3390 TO 3438	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
04/28/2003	04/12/2003	24	→	0.0	1.6	1.0			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	300.0	→	0	2	1		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. 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 #21574 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMOC

ACCEPTED FOR RECORD

MAY 15 2003

FARMINGTON FIELD OFFICE

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	842		NACIMIENTO	758
NACIMIENTO	842	2095		OJO ALAMO	1998
OJO ALAMO	2095	2206		KIRTLAND	2033
				FRUITLAND	3233
				FRUITLAND COAL	3263

32. Additional remarks (include plugging procedure):

This well is a single producing from the Basin Fruitland Coal. Attached are the daily summaries and the wellbore schematic with tubing information.

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 #21574 Verified by the BLM Well Information System.
For CONOCOPHILLIPS COMPANY, sent to the Farmington
Committed to AFMSS for processing by Adrienne Garcia on 05/15/2003 (03AXG1177SE)**

Name (please print) DEBORAH MARBERRYTitle SUBMITTING CONTACT

Signature _____ (Electronic Submission)

Date 05/08/2003

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 ** REVISED ****

Well Name: SAN JUAN 32 FED 8 #1A
API #: 30-045-31268

Spud Date: 20-Feb-03
Spud Time: 19:30

TD Date: 23-Feb-03
Rig Release Date: 24-Feb-03

7 1/16" 5M x 2 1/16" Tree Adapter/Cap
11" 3M x 7 1/16" 5M Tubing Head
9-5/8" 8 RD x 11" 3M Casing Head

Surface Casing Date set: 21-Feb-03
Size 9 5/8 in
Set at 219 ft # Jnts: 5
Wt. 32.3 ppf Grade H-40
Hole Size 12 1/4 in
Wash Out 100 %
Est. T.O.C. 14 ft

☒ New
☐ Used

Csg Shoe 219 ft
TD of surface 229 ft

Notified BLM @ 1910 hrs
on 2/19/2003
Notified NMOCD @ 1910 hrs
on 2/19/2003

Intermediate Casing Date set: 23-Feb-03
Size 7 in
Set at 3368 ft 80 jts
Wt. 20 ppf Grade J-55
Hole Size 8 3/4 in
Wash Out 150 %
Est. T.O.C. SURFACE

☒ New
☐ Used

Csg Shoe 3368 ft
TD of intermediate 3373 ft

Notified BLM @ 1115 hrs on 2/22/2003
Notified NMOCD @ 1115 hrs on 2/22/2003

Production Liner Date set: 11-Apr-03
Size 5 1/2 in Connections: LTC
Blank Wt. 15.5 ppf
Grade J-55
Jnts: 3
Hole Size 6 1/4 in

☒ New
☐ Used

PBTD 3440'
Liner Shoe 3442'

Surface Cement

Date cmt'd: 21-Feb-03
Lead: 135sx 50/50/Poz w/2% Gel 5#/sx
Gilsonite, 3% CaCl₂, 1/2 #/sx Flocele
& .2% CFR-3 @ 13.5ppg & 1.32 cu/ft/sx
Displacement vol. & fluid.: 14 FW
Bumped Plug at: 0434 HRS
Pressure Plug bumped: 450
Returns during job: YES
CMT Returns to surface: 12 BBLS
Floats Held: Yes No
W.O.C. for 8 hrs (plug bump to drg cmt)

Intermediate Cement

Date cmt'd: 24-Feb-03
Lead: 385sx Class B Cmt w/3%
Econolite, 10 pps Gilsonite & 1/2 pps
Flocele @ 11.4 ppg & 2.90 cu/ft/sx.
Tail: 100 sx 50/50/B/Poz Cmt w/2%
Gel, 2% CaCl₂, 5 pps Gilsonite & 1/4
pps Flocele @ 13.5 ppg & 1.33 cu/ft/sx
Displacement vol. & fluid.: 132 FW
Bumped Plug at: 0530 HRS
Pressure Plug bumped: 850
Returns during job: YES
CMT Returns to surface: 15 BBLS
Floats Held: X Yes No

Liner Cement**UNCEMENTED LINER**

Top of Fish: 3508'

TD 3,606 ft

COMMENTS:

Surface: NO FLOAT EQUIPMENT RAN. WELL SHUT-IN WITH 220 PSI.

Intermediate: WASHED DOWN LAST 30' OF CSG TO BOTTOM.

Production: FISH LEFT IN HOLE - BIT, BIT SUB, 1-3 1/2" DRILL COLLAR. TOP OF FISH @ 3508'
6 1/4" BIT RUN ON BOTTOM JOINT OF LINER. TOP OF LINER @ 3300', 68' OF 7" OVERLAP

CENTRALIZERS:

Surface: 209', 135', 97', 55'.

Intermediate: 3358', 3284', 3240', 3154', 3068', 2981', 202'.

TURBOLIZERS @ 2047', 2004', 1961'.

Total: 4

Total: 10

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 8 #1 000001A
 Common Well Name: SAN JUAN 32 FED 8 # 1A FRUITLAND Spud Date: 02/20/2003
 Event Name: Original Completion Start: 03/25/2003 End: 04/13/2003
 Contractor Name: KEY FOUR CORNERS Rig Release: 04/13/2003 Group:
 Rig Name: KEY ENERGY Rig Number: 29

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
03/26/2003	07:00 - 07:30	0.50	MV	c	80CMPL	SAFETY MEETING.
	07:30 - 10:30	3.00	MV		80CMPL	MOVE KEY #29 TO SJ 32 FED 8 #1A LOCATION.
	10:30 - 18:30	8.00	CM	6	80CMPL	RU RIG. NU BOP STACK. SDFN
03/27/2003	07:00 - 09:00	2.00	CM	c	80CMPL	CONOCO-PHILLIPS, 4 - CAT SAFETY MEETING.
	09:00 - 12:00	3.00	CM	6	80CMPL	FINISH RIGGING UP RIG. STRAP DP & DCS ON PIPE RACK.
	12:00 - 13:15	1.25	CM	8	80CMPL	PRESSURE TEST PIPE RAMS TO 2500PSI. TEST CSG & BLIND RAMS TO 250PSI- 5MIN, 600PSI- 30MIN & 1750PSI- 30MIN. RECORD ON CHART AS PER NMOCD.
03/28/2003	13:15 - 14:15	1.00	CM	1	80CMPL	PERFORM RIG INSPECTION W/KEY & CONOCO-PHILLIPS PERSONNEL.
	14:15 - 18:30	4.25	CM	2	80CMPL	MU 6 1/4" BIT ON BIT SUB. STRAP IN HOLE PICKING UP 10-3 1/2" DCS FOLLOWED BY 98-JTS OF 2 7/8" DP. SWI @ 3210'.
	07:00 - 07:15	0.25	DR	c	50PRDR	SAFETY MEETING.
03/29/2003	07:15 - 08:00	0.75	DR	2	50PRDR	CONTINUE IN HOLE PICKING UP 2 7/8" DP. TAG UP @ 3265'.
	08:00 - 09:00	1.00	DR	1	50PRDR	PU SWIVEL & UNLOAD HOLE W/1800CFM AIR-MIST.
	09:00 - 12:15	3.25	DR	1	50PRDR	DRILL CEMENT, FLOAT COLLAR & SHOE JT TO 3363' W/1800CFM AIR, 10BPH MIST W/1GAL FOAMER + INHIBITOR. CIRCULATING PRESSURE - 400PSI.
03/29/2003	12:15 - 00:30	12.25	DR	1	50PRDR	DRILLING 6 1/4" OPEN HOLE FR 3364'- 3606' w/1800CFM AIR, 10BPH MIST W/1GAL FOAMER+INHIBITOR. WOB-4K, 70 RPMS. 400PSI CIRCULATING PRESSURE. RETURNS OF SAND, COAL & SHALE.
	00:30 - 06:00	5.50	CM	1	80CMPL	R&R CIRCULATE FR 3590'- 3606' W/1800CFM AIR-MIST. WOO. DID NOT TAG TOP OF PC FORMATION.
	06:00 - 07:00	1.00	CM	1	80CMPL	R&R CIRCULATE FR 3590'- 3606' W/1800CFM AIR- MIST. WOO.
03/29/2003	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION. RIG SERVICE.
	07:30 - 10:00	2.50	CM	1	80CMPL	R&R CIRCULATE FR 3590'- 3606' W/1800CFM AIR-MIST. CORRELATE COAL SHOWS ON MUD LOG. 3374'- 76' : INTERMEDIATE SEMI BRIGHT BLACK SILKY LUSTERED COAL W/FAIR CLEATING. 234 UNITS OF GAS. 3391'-3407' : BRIGHT GLASSY JET BLACK COAL W/GOOD CLEATING. 384 UNITS OF GAS. 3410'-18' : BRIGHT GLASSY JET BLACK COAL W/GOOD CLEATING DEVELOPMENT. 464 UNITS OF GAS. 3420'- 31' : BLACK GLASSY TO SEMI BRIGHT BLACK SATIN COAL W/ GOOD CLEATING DEVELOPMENT. 470 UNITS OF GAS. 3433'- 36' : INTERMEDIATE SEMI BRIGHT SATIN & DULL BLACK COAL W/FAIR CLEATING DEVELOPMENT. 470 UNITS OF GAS. 3542'- 44' : DULL BLACK W/MINOR BRIGHT COAL. POOR CLEATING DEVELOPMENT. NO GAS SHOWS. TOTAL COAL- 42'.
	10:00 - 10:30	0.50	CM	2	80CMPL	PULL UP INSIDE 7" CSG SHOE TO 3318' LAYING DN 9-JTS OF 2 7/8" DP.
03/29/2003	10:30 - 11:30	1.00	CM	u	80CMPL	PERFORM INITIAL FLOW TEST OUT 2" W/PITOT. 15MIN- 239MCFD, 30MIN- 310MCFD, 45MIN- 390MCFD & 60MIN- 420MCFD. SI FOR INITIAL 60MIN BUILD UP. 15MIN- 120PSI, 30MIN- 190PSI, 45MIN- 300PSI & 60MIN- 360PSI.
	11:30 - 12:30	1.00	CM	t	80CMPL	PERFORM AIR ASSIST SURGES #1, #2, #3, #4 & #5 PRESSURING UP TO 1100PSI EACH TIME. PUMPED 2GAL OF SOAP AHEAD OF 3- 5BBL H2O PADS SCATTERED THROUGH OUT EACH BUILD UP. RETURNS OF HVY FOAM W/LT COAL RETURNS ON LAST TWO SURGES.
	12:30 - 17:00	4.50	CM	1	80CMPL	TIH PICKING UP DP. TAG COAL FILL @ 3390'.
03/29/2003	17:00 - 17:30	0.50	CM	2	80CMPL	R&R CO COAL FR 3390'- 3410' W/1800CFM AIR, 10BPH MIST W/1GAL OF FOAMER+INHIBITOR. CIRCULATING PRESSURE-
	17:30 - 20:30	3.00	CM	1	80CMPL	

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 8 #1 000001A
 Common Well Name: SAN JUAN 32 FED 8 # 1A FRUITLAND Spud Date: 02/20/2003
 Event Name: Original Completion Start: 03/25/2003 End: 04/13/2003
 Contractor Name: KEY FOUR CORNERS Rig Release: 04/13/2003 Group:
 Rig Name: KEY ENERGY Rig Number: 29

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
03/29/2003	17:30 - 20:30	3.00	CM	1	80CMPL	400PSI. RETURNS OF 1/2" - 1/4" COAL CHIPS & HVY FINES. 5 DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	20:30 - 01:00	4.50	CM	1	80CMPL	R&R CO COAL FR 3410'- 41' W/1800CFM AIR-MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF COAL CHIPS & HVY FINES. 5 DN TO 1BKT PR HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	01:00 - 06:00	5.00	CM	1	80CMPL	R&R CO COAL FR 3441'- 3594' W/1800CFM AIR- MIST. CIRCULATING PRESSURE - 400PSI. RETURNS OF LT COAL CHIPS & MED- FINES. 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
03/30/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R CO COAL FR 3594'- 3606'(TD) W/1800CFM AIR, 10BPH MIST W/1GAL FOAMER+INHIBITOR. CIRCULATING PRESSURE - 400PSI. RETURNS OF LT- COAL CHIPS & MED -LT FINES. 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONNEL. RIG SERVICE.
	07:30 - 09:30	2.00	CM	1	80CMPL	R&R CO COAL FR 3594'- 3606' W/1800CFM AIR-MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF MED- LT COAL FINES. 1 DN TO 1/2BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	09:30 - 19:00	9.50	CM	2	80CMPL	HANG SWIVEL & LD 1-JT OF DP. STARTING TO PULL TIGHT. PU SWIVEL & ATTEMPT TO BREAK CIRCULATION. PRESSURING UP TO 1200PSI.BLEED DN DP PRESSURE & SI CSG. SLOWLY WORK DP UP HOLE TO 3564' & MAKE CONNECTION.
	19:00 - 19:15	0.25	CM	c	80CMPL	SAFETY MEETING.
	19:15 - 00:00	4.75	CM	1	80CMPL	SLOWLY ROTATE TIGHT DP UP HOLE TO 3532' HOLDING PRESSURE ON CSG CONSTANT.
	00:00 - 06:00	6.00	CM	z	80CMPL	AT 3532', DP STOPPED ROTATING. DP STUCK. WORKED STUCK PIPE ONCE AN HOUR HOLDING CSG PRESSURE CONSTANT @ 300PSI.
03/31/2003	06:00 - 07:00	1.00	CM	1	80CMPL	WORK STUCK DP @ 3532' WHILE HOLDING CSG PRESSURE CONSTANT.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION.. RIG SERVICE.
	07:30 - 19:00	11.50	CM	1	80CMPL	WORK STUCK DP @ 3532' W/CSG PRESSURE BLED OFF. ALSO PUMPED FLUID DN CSG & WORKED PIPE.
	19:00 - 19:15	0.25	CM	c	80CMPL	SAFETY MEETING.
	19:15 - 06:00	10.75	CM	1	80CMPL	PULL UP & HOLD 55K ON DP W/CSG OPEN. ATTEMPT TO WORK DP UP 15MIN EVERY 2 HRS. GAINED 6" TOTAL.
04/01/2003	06:00 - 07:00	1.00	CM	1	80CMPL	PULL UP & HOLD 55K ON DP W/CSG OPEN TO FLOW LINES.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION.
	07:30 - 08:00	0.50	CM	2	80CMPL	HANG SWIVEL & LD 1-JT OF DP.
	08:00 - 10:30	2.50	FI	q	80CMPL	RU WIRE LINE SPECIALTIES. FREE PT DCS. PIPE FREE @ 3520'. ATTEMPT TO BACK OFF BOTTOM DRILL COLLAR @ 3540'. DID NOT BACK OFF. BACK OFF COLLARS @ 3508' LEAVING BIT, SUB & 1-3 1/2" DC IN HOLE. FISH TOP - 3508'.
	10:30 - 13:00	2.50	CM	2	80CMPL	LD 6-JTS OF DP. POOH W/DP & 9-DCS. LD BOTTOM COLLAR.
	13:00 - 14:30	1.50	CM	4	80CMPL	MU 6 1/4" BIT & BIT SUB ON BOTTOM OF 8- 3 1/2" DCS. TIH TO 3318'.
	14:30 - 15:00	0.50	CM	5	80CMPL	UNLOAD CSG W/AIR. RU TO SURGE.
	15:00 - 19:00	4.00	CM	1	80CMPL	PERFORM AIR ASSIST SURGES #6, #7, # 8 PRESSURING UP TO 1100PSI EACH TIME. PUMPED 2GAL SOAP AHEAD OF 1ST H2O PAD FOLLOWED BY 2 ADDITIONAL - 5BBL H2O PADS. PUMPED 1GAL OF SOAP & 3- 5BBL H2O PADS ON EACH OF REMAINING SURGES. WELL BRINGING SML AMT OF COAL CHIPS & LT- FINES.

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 8 #1 000001A
 Common Well Name: SAN JUAN 32 FED 8 # 1A FRUITLAND Spud Date: 02/20/2003
 Event Name: Original Completion Start: 03/25/2003 End: 04/13/2003
 Contractor Name: KEY FOUR CORNERS Rig Release: 04/13/2003 Group:
 Rig Name: KEY ENERGY Rig Number: 29

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
04/01/2003	19:00 - 19:15	0.25	CM	c	80CMPL	SAFETY MEETING.
	19:15 - 19:30	0.25	CM	2	80CMPL	TIH PICKING UP DP. TAG FILL @ 3401'.
	19:30 - 00:00	4.50	CM	1	80CMPL	R&R CO COAL FR 3401'- 12' W/1800CFM AIR, 10BPH MIST W/1 GAL FOAMER+INHIBITOR. CIRCULATING PRESSURE- 400PSI. RETURNS OF HVY COAL CHIPS 1/4"- 1/2" IN SIZE & HVY COAL FINES. 5 DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	00:00 - 06:00	6.00	CM	1	80CMPL	R&R CO COAL FR 3412'- 3442'(PBD) W/1800CFM AIR-MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF HVY COAL CHIPS & HVY COAL FINES. 5 DN TO 2 1/2 BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	06:00 - 07:00	1.00	CM	1	80CMPL	R&R CO COAL FR 3412'-42' W/1800CFM AIR-MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT- COAL CHIPS & MOD- HVY COAL FINES. 2 BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
04/02/2003	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING. RIG SERVICE.
	07:30 - 19:00	11.50	CM	1	80CMPL	R&R CO RUNNING COAL FR 3412'- 42' W/1800CFM AIR, 10BPH MIST W/1/2GAL FOAMER+INHIBITOR. CIRCULATING PRESSURE- 900PSI DN TO 400PSI RETURNS OF MOD COAL CHIPS & HVY FINES. 2 UP TO 5BKTS PR/HR FR SAMPLE CATCHER. 95%COAL, 5% SAND.
	19:00 - 19:15	0.25	CM	c	80CMPL	SAFETY MEETING.
	19:15 - 06:00	10.75	CM	1	80CMPL	R&R CO COAL FR 3412'- 42' W/1800CFM AIR-MIST. CIRCULATING PRESSURE - 380PSI. RETURNS OF LT COAL CHIPS & MOD FINES. 5 DN TO 1BKT PR HR FR SAMPLE CATCHER BY MORNING. 95% COAL, 5% SAND.
	06:00 - 07:00	1.00	CM	1	80CMPL	R&R CO COAL FR 3412'- 42' W/1800CFM AIR. RETURNS OF MOD-LT COAL FINES. 1 DN TO 1/2BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
04/03/2003	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION. RIG SERVICE.
	07:30 - 08:00	0.50	CM	2	80CMPL	PULL UP INSIDE 7" CSG TO 3318' LAYING DN 4-JTS OF 2 7/8" DP.
	08:00 - 09:00	1.00	CM	u	80CMPL	CONDUCT FLOW TEST OUT 2" W/PITOT. 15MIN- 490MCFD. 30MIN- 490MCFD, 45MIN- 532MCFD, 60MIN- 582MCFD. 2BPH H2O.
	09:00 - 10:00	1.00	CM	t	80CMPL	SI FOR 60MIN BUILD UP. 15MIN- 100PSI, 30MIN- 160PSI, 45MIN- 200PSI & 60MIN- 240PSI.
	10:00 - 16:00	6.00	CM	1	80CMPL	PERFORM AIR ASSIST SURGES #9, #10, #11 & #12 PRESSURING UP TO 1100PSI EACH TIME. 2GAL OF FOAMER AHEAD OF 3- 5BBL H2O PADS ON 1ST SURGE. 1GAL OF FOAMER AHEAD OF 3- 5BBL H2O PADS ON 2ND SURGE, 1GAL OF FOAMER AHEAD OF 3- 5GAL H2O PADS OD 3RD SURGE & 3-5BBL H2O PADS ON 4TH SURGE. LAST 2 SURGES BROUGHT BACK LOTS OF 1/4"- 1/2" SIZE COAL CHIPS & HVY FINES.
	16:00 - 16:30	0.50	CM	1	80CMPL	R&R CO COAL FR 3318'- 49' W/1800CFM AIR-MIST. CIRCULATE CSG CLEAN.
	16:30 - 17:00	0.50	CM	2	80CMPL	TIH PICKING UP DP. TAG FILL @ 3400'
	17:00 - 19:00	2.00	CM	1	80CMPL	R&R CO COAL FR 3400'- 12' W/1800CFM AIR, 10BPH MIST W/1/2GAL FOAMER+INHIBITOR. CIRCULATING PRESSURE - 380PSI. RETURNS OF 1/4"- 1/2" COAL CHIPS & HVY FINES. 5BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	19:00 - 19:15	0.25	CM	c	80CMPL	SAFETY MEETING.
	19:15 - 00:30	5.25	CM	1	80CMPL	R&R CO COAL FR 3400'- 12' W/1800CFM AIR-MIST. CIRCULATING PRESSURE -380PSI. RETURNS OF MOD COAL CHIPS & HVY FINES.

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 8 #1 000001A
 Common Well Name: SAN JUAN 32 FED 8 # 1A FRUITLAND Spud Date: 02/20/2003
 Event Name: Original Completion Start: 03/25/2003 End: 04/13/2003
 Contractor Name: KEY FOUR CORNERS Rig Release: 04/13/2003 Group:
 Rig Name: KEY ENERGY Rig Number: 29

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
04/03/2003	19:15 - 00:30	5.25	CM	1	80CMPL	5 DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	00:30 - 06:00	5.50	CM	1	80CMPL	R&R CO COAL FR 3412'- 42' W/1800CFM AIR- MIST. CIRCULATING PRESSURE - 380PSI. RETURNS OF MOD COAL CHIPS & HVY FINES. 5 DN TO 2 1/2 BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
04/04/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R CO COAL FR 3412'- 42' W/1800CFM AIR- MIST. CIRCULATING PRESSURE- 380PSI. RETURNS OF LT COAL CHIPS & HVY TO MOD FINES. 2 1/2 DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION. RIG SERVICE.
	07:30 - 19:00	11.50	CM	1	80CMPL	R&R CO RUNNING COAL FR 3412'- 42' W/1800CFM AIR & 10BPH MIST W/1GAL OF FOAMER+INHIBITOR. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT- MOD COAL CHIPS & HVY FINES. 1BKT UP TO 5BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	19:00 - 19:15	0.25	CM	c	80CMPL	SAFETY MEETING.
	19:15 - 06:00	10.75	CM	1	80CMPL	R&R CO RUNNING COAL FR 3412'- 42' W/1800CFM AIR-MIST. CIRCULATING PRESSURE- 380PSI. @ MIDNIGHT PRESSURE CLIMBED TO 800PSI FOR 60MIN THEN DROPPED BACK DN. RETURNS OF MOD- LT COAL CHIPS & HVY FINES. 5 DN TO 2BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
04/05/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R CO RUNNING COAL FR 3412'- 42' W/1800CFM AIR, 10BPH MIST W/1/4GAL FOAMER +INHIBITOR. CIRCULATING PRESSURE: 380PSI- 900PSI. RETURNS OF MOD TO HVY COAL CHIPS & LT- HVY COAL FINES. 1 UP TO 5 BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION. RIG SERVICE.
	07:30 - 19:00	11.50	CM	1	80CMPL	R&R CO RUNNING COAL FR 3412'- 42' W/1800CFM AIR- MIST. CIRCULATING PRESSURE: 900PSI- 380PSI. RETURNS OF HVY - MOD COAL CHIPS & HVY COAL FINES. 5 DN TO 3 BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	19:00 - 19:15	0.25	CM	c	80CMPL	SAFETY MEETING.
	19:15 - 06:00	10.75	CM	1	80CMPL	R&R CO RUNNING COAL FR 3412'- 42' W/1800CFM AIR, 10BPH MIST W/1/4GAL FOAMER+INHIBITOR. CIRCULATING PRESSURE- 380PSI. RETURNS OF MOD COAL CHIPS & HVY COAL FINES. 3 DN TO 1 1/2 BKTS PR/HR BY MORNING. 95%COAL, 5% SAND.
04/06/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R CO RUNNING COAL FR 3412'- 42' W/ 1800CFM AIR, 10BPH MIST W/1/4GAL FOAMER+INHIBITOR. CIRCULATING PRESSURE - 400PSI. RETURNS OF MOD COAL CHIPS& HVY FINES. 1 1/2 UP TO 2 1/2BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION. RIG SERVICE.
	07:30 - 19:00	11.50	CM	1	80CMPL	R&R CO RUNNING COAL FR 3412'- 42' W/1800CFM AIR, 10BPH MIST W/1/4GAL FOAMER+INHIBITOR. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD COAL CHIPS & HVY COAL FINES. 2 1/2 UP TO 3 1/2 BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	19:00 - 19:15	0.25	CM	c	80CMPL	SAFETY MEETING.
	19:15 - 06:00	10.75	CM	1	80CMPL	R&R CO RUNNING COAL FR 3412'- 42' W/1800CFM AIR-MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD COAL CHIPS & HVY COAL FINES. 3 1/2 TO 3 BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 8 #1 000001A
 Common Well Name: SAN JUAN 32 FED 8 # 1A FRUITLAND Spud Date: 02/20/2003
 Event Name: Original Completion Start: 03/25/2003 End: 04/13/2003
 Contractor Name: KEY FOUR CORNERS Rig Release: 04/13/2003 Group:
 Rig Name: KEY ENERGY Rig Number: 29

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
04/07/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R CO RUNNING COAL FR 3412'- 42' W/1800CFM AIR, 10BPH MIST W/1/4GAL FOAMER+INHIBITOR. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD COAL CHIPS & HVY COAL FINES. 3 TO 3 1/2BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION. RIG SERVICE.
	07:30 - 19:00	11.50	CM	1	80CMPL	R&R CO RUNNING COAL FR 3412'- 42' W/1800CFM AIR-MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD COAL CHIPS & HVY COAL FINES. 3 TO 3 1/2 BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	19:00 - 19:15	0.25	CM	c	80CMPL	SAFETY MEETING.
	19:15 - 06:00	10.75	CM	1	80CMPL	R&R CO RUNNING COAL FR 3412'- 42' W/1800CFM AIR-MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD COAL CHIPS & HVY FINES. 3 1/2 DN TO 2 1/2 BKTS PER/HR BY MORNING FR SAMPLE CATCHER. 95% COAL, 5% SAND.
04/08/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R CO COAL FR 3412'- 42' W/1800CFM AIR-MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL CHIPS & HVY FINES. 2 1/2 TO 3 BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION. RIG SERVICE.
	07:30 - 13:30	6.00	CM	1	80CMPL	R&R CO COAL FR 3412'- 42' W/1800CFM AIR, 10BPH MIST W/1/4GAL OF FOAMER+INHIBITOR. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL CHIPS & HVY- MOD COAL FINES. 3 DN TO 2BKTS PR/HR FR SAMPLE CATCHER.
	13:30 - 14:00	0.50	CM	5	80CMPL	PULL UP TO 3412' & CIRCULATE HOLE W/1800CFM AIR.
	14:00 - 14:15	0.25	CM	2	80CMPL	PULL UP TO 3318' LAYING DN 3-JTS OF DP.
	14:15 - 16:15	2.00	CM	u	80CMPL	PERFORM 120MIN FLOW TEST OUT 2" W/PITOT: 15MIN- 1.03MMCFD, 30MIN- 1.25MMCFD, 45MIN- 1.25MMCFD, 60MIN- 1.25MMCFD, 75MIN- 1.25MMCFD, 90MIN- 1.25MMCFD, 105MIN- 1.25MMCFD & 120MIN- 1.25MMCFD. NO H2O.
	16:15 - 17:15	1.00	CM	t	80CMPL	SI FOR BUILD UP. 15MIN- 160PSI, 30MIN- 220PSI, 45MIN- 280PSI & 60MIN- 330PSI.
	17:15 - 20:30	3.25	CM	1	80CMPL	PERFORM AIR-ASSIST SURGES #13 & #14 PRESSURING UP TO 1100PSI. PUMPED 2- 5BBL H2O PADS DURING EACH SURGE. RETURNS OF HVY COAL DUST, DIRTY H2O & MOD COAL CHIPS 1/4"- 1/2" IN SIZE.
	20:30 - 21:00	0.50	CM	2	80CMPL	TIH W/DP & TAG FILL @ 3408'.
	21:00 - 00:00	3.00	CM	1	80CMPL	R&R CO COAL FILL FR 3381'- 3412' W/1800CFM AIR, 10BPH MIST W/1/4GAL FOAMER+INHIBITOR. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD COAL CHIPS W/HVY-MOD COAL FINES. 3 DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
04/09/2003	00:00 - 06:00	6.00	CM	1	80CMPL	R&R CO RUNNING COAL FR 3412'- 42' W/1800CFM AIR-MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD COAL CHIPS & HVY FINES. 5 DN TO 3 1/2BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	06:00 - 07:00	1.00	CM	1	80CMPL	FOAMER+INHIBITOR. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD COAL CHIPS & HVY FINES. 3 UP TO 5BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION. RIG SERVICE.
	07:30 - 19:00	11.50	CM	1	80CMPL	R&R CO RUNNING COAL FR 3412'- 42' W/1800CFM AIR- MIST.

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 8 #1 000001A
 Common Well Name: SAN JUAN 32 FED 8 # 1A FRUITLAND
 Event Name: Original Completion Start: 03/25/2003 End: 04/13/2003
 Contractor Name: KEY FOUR CORNERS Rig Release: 04/13/2003 Group:
 Rig Name: KEY ENERGY Rig Number: 29

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
04/09/2003	07:30 - 19:00	11.50	CM	1	80CMPL	CIRCULATING PRESSURE- 400PSI. RETURNS OF HVY- MOD COAL CHIPS & HVY COAL FINES. 5 BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	19:00 - 19:15	0.25	CM	c	80CMPL	SAFETY MEETING.
	19:15 - 06:00	10.75	CM	1	80CMPL	R&R CO RUNNING COAL FR 3412'- 42' W/1800CFM AIR-MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD COAL CHIPS, & HVY COAL FINES. 5 DN TO 2 1/2 BKTS PR/HR BY MORNING. 95% COAL, 5% SAND.
04/10/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R CO COAL FR 3412'- 42' W/1800CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD COAL CHIPS & HVY COAL FINES. 3BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION. RIG SERVICE.
	07:30 - 19:00	11.50	CM	1	80CMPL	R&R CO COAL FR 3412'- 42' W/1800CFM AIR, 10BPH MIST W/1/4GAL FOAMER+INHIBITOR+1/2GAL POLYMER. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD COAL CHIPS W/HVY FINES. 3 BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	19:00 - 19:15	0.25	CM	c	80CMPL	SAFETY MEETING.
	19:15 - 06:00	10.75	CM	1	80CMPL	R&R CO COAL FR 3412'- 42' W/1800CFM AIR-MIST W/POLY. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD- LT COAL CHIPS & HVY- MOD COAL FINES. 3 DN TO 1 1/2BKTS PR HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
04/11/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R CO COAL FR 3412'- 42' W/1800CFM AIR-MIST W/1/2GAL POLYMER. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL CHIPS & MOD COAL FINES. 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING. RIG SERVICE.
	07:30 - 08:00	0.50	CM	2	80CMPL	PULL UP TO 3318' LAYING DN 3-JTS OF DP.
	08:00 - 10:00	2.00	CM	g	80CMPL	OPEN WELL TO FLOW NATURAL OUT BOTH BLOOIE LINES.
	10:00 - 10:30	0.50	CM	2	80CMPL	TIH PICKING UP DP. TAG FILL @ 3420'.
	10:30 - 16:30	6.00	CM	1	80CMPL	R&R CO COAL FR 3420'- 42' W/1800CFM AIR-MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL CHIPS & MOD COAL FINES. 2 DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	16:30 - 17:00	0.50	CM	2	80CMPL	PULL UP TO 3318' LAYING DN 3-JTS OF DP.
	17:00 - 19:00	2.00	CM	g	80CMPL	OPEN WELL TO FLOW NATURAL OUT BOTH BLOOIE LINES.
	19:00 - 19:15	0.25	CM	c	80CMPL	SAFETY MEETING.
	19:15 - 19:30	0.25	CM	1	80CMPL	TIH PICKING UP DP. TAG FILL @ 3428'
	19:30 - 04:00	8.50	CM	1	80CMPL	R&R CO COAL FILL FR 3428'- 42' W/1800CFM AIR-MIST W/1/2GAL POLYMER. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL CHIPS & MOD COAL FINES. 2 DN TO 1BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
04/12/2003	04:00 - 06:00	2.00	CM	2	80CMPL	LD 3-JTS OF DP. HANG SWIVEL & POOH W/BIT.
	06:00 - 07:00	1.00	CM	4	80CMPL	BREAK OUT BIT & CHANGE OUT UPPER PIPE RAMS TO 5 1/2" CSG RAMS.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONNEL ON LOCATION. RIG SERVICE.
	07:30 - 08:30	1.00	CM	6	80CMPL	RU TO RUN 5 1/2" PRODUCTION LINER. CONDUCT 60MIN FLOW TEST OUT 2" W/PITOT. 15MIN- 1.33 MMCFD, 30MIN- 1.51MMCFD, 45MIN- 1.62MMCFD & 60MIN- 1.62MMCFD.
	08:30 - 09:30	1.00	CM	2	80CMPL	MU & RUN A 6 1/4" RR BIT ON BOTTOM OF 5 1/2" BIT SUB W/FLOAT. PU & RUN 3-JTS(134.95') OF 5 1/2" 15.5 #, JE, 8RD, LT&C CSG. MU 5 1/2" x7" HY- FLO III LINER HANGER ON TOP.

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 8 #1 000001A
 Common Well Name: SAN JUAN 32 FED 8 # 1A FRUITLAND Spud Date: 02/20/2003
 Event Name: Original Completion Start: 03/25/2003 End: 04/13/2003
 Contractor Name: KEY FOUR CORNERS Rig Release: 04/13/2003 Group:
 Rig Name: KEY ENERGY Rig Number: 29

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
04/12/2003	09:30 - 11:00	1.50	CM	4	80CMPL	TIH W/2 7/8" DP. TAG BRIDGE @ 3380'.
	11:00 - 12:00	1.00	CM	5	80CMPL	PU SWIVEL & BREAK CIRCULATION W/1800CFM AIR-MIST. CIRCULATE CSG DN TO 3444'.
	12:00 - 12:15	0.25	CM	1	80CMPL	PU CSG TO 3442' & SET LINER HANGER. BACK OFF LINER & LD 1-JT OF DP LEAVING BO BIT @ 3442'KB, TO FLOAT @ 3440' & TO LINER @ 3300'.
	12:15 - 17:00	4.75	CM	2	80CMPL	LD SWIVEL & POOH LAYING DN 2 7/8" DP. LD DCS.
	17:00 - 17:45	0.75	CM	6	80CMPL	CHANGE OVER RAMS, SLIPS & ELEVATORS TO RUN 2 3/8" PRODUCTION TBG. SWIFN.
04/13/2003	07:00 - 07:15	0.25	CM	c	80CMPL	SAFETY MEETING. SICP- 780PSI.
	07:15 - 08:30	1.25	CM	6	80CMPL	RU BLUE JET WL TO PERFORATE THE FRUITLAND COAL. CONDUCT FINAL FLOW TEST OUT 2" W/PITOT. 15MIN- 1.62MMCFD, 30MIN- 1.88MMCFD, 45MIN- 2.11MMCFD & 60MIN- 2.11MMCFD. NO H2O PRODUCTION.
	08:30 - 09:45	1.25	CM	q	80CMPL	USING A 3 1/8" HSC, PERFORATE THE FRUITLAND COAL W/ 152-.75" HOLES 4-JSPF AS FOLLOWS: 3434'- 38', 3420'- 31', 3410'- 18' & 3390'- 3405'. ALL SHOTS FIRED OK.
	09:45 - 11:45	2.00	CM	2	80CMPL	MU 2 3/8" EXPENDABLE CHECK ON BOTTOM OF 1-JT OF 2 3/8" TBG W/ 2 3/8"x 1/81" F NIPPLE ON TOP. STRAP IN HOLE PICKING UP 110 ADDITIONAL JTS. TAG PBTD @ 3440'.
	11:45 - 12:00	0.25	CM	2	80CMPL	LD 2-JTS. MU & LAND TBG HANGER IN TBG HEAD W/109-JTS OF 2 3/8" TBG IN THE HOLE. BOTTOM OF CHECK @ 3415'KB. TOP OF F NIPPLE @ 3371'.
	12:00 - 14:00	2.00	CM	e	80CMPL	ND BOP STACK & HCR VALVES. NU UPPER TREE.
	14:00 - 14:30	0.50	CM	5	80CMPL	USING AIR, PRESSURE TEST TBG TO 1000PSI. PUMP CHECK @ 1200PSI & CIRCULATE.
	14:30 - 17:30	3.00	CM	6	80CMPL	FLOW BOTH CSG & TBG TO PIT 30MIN EACH. RD SERVICE UNIT. SWIFN.
04/14/2003	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING.
	07:30 - 15:00	7.50	CM	6	80CMPL	RD KEY #29 TO MOVE. JOB COMPLETE.

Well Name: SAN JUAN 32 FED 8 #1AAPI #: 30-045-31268Spud Date: 20-Feb-03Spud Time: 19:30TD Date: 23-Feb-03Rig Release Date: 24-Feb-03

7 1/16" 5M x 2 1/16" Tree Adapter/Cap

11" 3M x 7 1/16" 5M Tubing Head

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

Surface Casing Date set: 21-Feb-03

Size 9 5/8 in
 Set at 219 ft # Jnts: 5
 Wt. 32.3 ppf Grade H-40
 Hole Size 12 1/4 in
 Wash Out 100 %
 Est. T.O.C. 14 ft

Csg Shoe 219 ft
 TD of surface 229 ft

Notified BLM @ 1910 hrson 2/19/2003Notified NMOCD @ 1910 hrson 2/19/2003**Intermediate Casing** Date set: 23-Feb-03

Size 7 in
 Set at 3368 ft 80 jts
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in
 Wash Out 150 %
 Est. T.O.C. SURFACE

Csg Shoe 3368 ft
 TD of intermediate 3373 ft

Notified BLM @ 1115 hrs on 2/22/2003Notified NMOCD @ 1115 hrs on 2/22/2003**Production Liner** Date set: 11-Apr-03

Size 5 1/2 in Connections: LTC
 Blank Wt. 15.5 ppf
 Grade J-55
 # Jnts: 3
 Hole Size 6 1/4 in

PBTD 3440'
 Liner Shoe 3442'

TD 3,606 ft**Surface Cement**

Date cmt'd: 21-Feb-03
 Lead : 135sx 50/50/Poz w/2% Gel 5#/sx
Gilsonite, 3% CaCl2, 1/2 #/sx Flocele
& .2% CFR-3 @ 13.5ppg & 1.32 cuft/sx
 Displacement vol. & fluid.: 14 FW
 Bumped Plug at: 0434 HRS
 Pressure Plug bumped: 450
 Returns during job: YES
 CMT Returns to surface: 12 BBLS
 Floats Held: Yes No
 W.O.C. for 8 hrs (plug bump to drlg cmt)

Intermediate Cement

Date cmt'd: 24-Feb-03
 Lead : 385sx Class B Cmt w/3%
Econolite, 10 pps Gilsonite & 1/2 pps
Flocele @ 11.4 ppg & 2.90 cu/ft/sx.
 Tail : 100 sx 50/50/B/Poz Cmt w/2%
Gel, 2% CaCl2, 5 pps Gilsonite & 1/4
pps Flocele @ 13.5 ppg & 1.33 cuft/sx
 Displacement vol. & fluid.: 132 FW
 Bumped Plug at: 0530 HRS
 Pressure Plug bumped: 850
 Returns during job: YES
 CMT Returns to surface: 15 BBLS
 Floats Held: X Yes No

Liner Cement**UNCEMENTED LINER**Top of Fish: 3508'**COMMENTS:**Surface: NO FLOAT EQUIPMENT RAN. WELL SHUT-IN WITH 220 PSI.Intermediate: WASHED DOWN LAST 30' OF CSG TO BOTTOM.

Production: FISH LEFT IN HOLE - BIT, BIT SUB, 1-3 1/2" DRILL COLLAR. TOP OF FISH @ 3508'
6 1/4" BIT RUN ON BOTTOM JOINT OF LINER. TOP OF LINER @ 3300', 68' OF 7" OVERLAP

CENTRALIZERS:Surface: 209', 135', 97', 55'.Intermediate: 3358', 3284', 3240', 3154', 3068', 2981', 202'.TURBOLIZERS @ 2047', 2004', 1961'.Total: 4Total: 10