

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.
NMSF079048

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.		
2. Name of Operator CONOCOPHILLIPS COMPANY			8. Lease Name and Well No. SAN JUAN 32 FED 28 1A		
3. Address PO BOX 2197 WL3 4066 HOUSTON, TX 77252			9. API Well No. 30-045-31330-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 28 T32N R9W Mer NMP At surface NWNW 1000FNL 1170FWL 36.96028 N Lat, 107.78920 W Lon At top prod interval reported below At total depth			10. Field and Pool, or Exploratory BASIN FRUITLAND COAL		
14. Date Spudded 03/07/2003			15. Date T.D. Reached 03/10/2003		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/16/2003			17. Elevations (DF, KB, RT, GL)* 6765 GL		
18. Total Depth: MD 3581 TVD		19. Plug Back T.D.: MD 3579 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	221		135	32	0	
8.750	7.000 J-55	20.0	0	3300		475	245	0	
6.250	5.500 J-55	16.0	3259	3581		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	3535							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	3308	3573	3308 TO 3573	0.750	208	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3308 TO 3573	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
04/23/2003	04/11/2003	24	→	0.0	1550.0	5.0			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	1550	5		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
			→						MAY 15 2003
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	ARMINGTON FIELD OFFICE
			→						

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

ELECTRONIC SUBMISSION #21594 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECEIVED

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	834		NACIMIENTO	740
NACIMIENTO	834	2263		OJO ALAMO	1995
OJO ALAMO	2263	2339		KIRTLAND	2025
				FRUITLAND	3160
				FRUITLAND COAL	3165
				PICTURED CLIFFS	3575

32. Additional remarks (include plugging procedure):

This well is a single well producing from the Basin Fruitland Coal. Attached are the daily summaries and the wellbore schematic with liner 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 #21594 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 (03AXG1178SE)

Name (please print) DEBORAH MARBERRY

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 05/09/2003

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 ****

Well Name: SAN JUAN 32 FED 28 #1AAPI #: 30-045-31330Spud Date: 7-Mar-03Spud Time: 2230 hrsTD Date: 10-Mar-03Rig Release Date: 11-Mar-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 CasingDate set: 8-Mar-03

Size 9 5/8 in
 Set at 221 ft # Jnts: 5
 Wt. 32.3 ppf Grade H-40
 Hole Size 12 1/4 in
 Wash Out 100 %
 Est. T.O.C. SURFACE ft

Csg Shoe 221 ft
 TD of surface 230 ft

Notified BLM @ 1600 hrs
 on 3/6/2003

Notified NMOCD @ 1603 hrs
 on 3/6/2003

☒ New
☐ Used

Surface CementDate cmt'd: 8-Mar-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.: 14.5 BBls. FW
 Bumped Plug at: 0712 HRS
 Pressure Plug bumped: 400 PSI
 Returns during job: YES
 CMT Returns to surface: 11 BBLS.
 Floats Held: Yes No
 W.O.C. for 7.5 hrs (plug bump to drlg cmt)

Intermediate CasingDate set: 11-Mar-03

Size 7 in 80 jts
 Set at 3300 ft 1 pups
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in
 Wash Out 150 %
 Est. T.O.C. SURFACE ft

Csg Shoe 3300 ft
 TD of intermediate 3304 ft

Notified BLM @ 2012 hrs on 3/9/2003

Notified NMOCD @ 2014 hrs on 3/9/2003

☒ New
☐ Used

Intermediate CementDate cmt'd: 11-Mar-03

Lead : 375 sx 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.: SEE BELOW
 Bumped Plug at: 0948 HRS
 Pressure Plug bumped: 2000 PSI
 Returns during job: YES
 CMT Returns to surface: 6 BBLS.
 Floats Held: X Yes No

Production LinerDate set: 14-Apr-03

Size 5 1/2 in Connections: LTC
 Blank Wt. 15.5 ppf
 Grade J-55
 # Jnts: 7
 Hole Size 6 1/4 in

☒ New
☐ Used

Liner Cement**UNCEMENTED LINER**

PBTD 3579'
 Liner Shoe 3580'

TD 3,581 ft**COMMENTS:**Surface: NO FLOAT EQUIPMENT RAN. WELL SHUT-IN WITH 65 PSI.

Intermediate: DISPLACEMENT: 20 BBLS. FRESH WATER & 111.9 BBLS. SLIGHTLY POLYMERIZED DRILL WATER (8.4 PPG).
LEFT APPROXIMATELY 25' CEMENT ON TOP OF WIPER PLUG (PB: 3231').

Production: 6 1/4" BIT RUN ON BOTTOM JOINT OF LINER, TOP OF LINER @ 3259', 41' OF 7 CSG OVERLAP.

CENTRALIZERS:Surface: 211' OVER STOP RING, 138', 96' & 55' OVER CASING COLLARS.Intermediate: CENTRALIZERS @ 3290', 3215', 3173', 3091', 3009', 2926' & 201'. TURBOLIZERS @ 2051', 2012' & 1971'Total: 4Total: 10

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 28 #1 000001A
 Common Well Name: SAN JUAN 32 FED 28 # 1A FRUITLAND Spud Date: 03/07/2003
 Event Name: Original Completion Start: 02/17/2003 End: 04/16/2003
 Contractor Name: KEY ENERGY Rig Release: 04/15/2003 Group:
 Rig Name: KEY ENERGY Rig Number: 18

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
03/29/2003	07:00 - 07:30	0.50	MV	c	00MMIR	HOLD SAFETY MEETING WITH ALL PERSONNEL
	07:30 - 16:00	8.50	MV	1	00MMIR	MOVE IN AND RIG UP SERVICE UNIT AND RELATED EQUIPMENT
	16:00 - 18:30	2.50	CM	e	80CMPL	NIPPLE UP BOP EQUIPMENT, LAY BLOOEI LINES AND CHOKE LINES
03/30/2003	18:30 - 19:00	0.50	CM	1	80CMPL	SECURE WELL, SHUT IN FOR THE NIGHT
	07:00 - 07:30	0.50	CM	c	80CMPL	HOLD SAFETY MEETING WITH ALL PERSONNEL
	07:30 - 09:30	2.00	RM	k	80CMPL	CHANGE OUT DRILLING LINE
	09:30 - 10:30	1.00	CM	6	80CMPL	FINISH RIGGING UP SERVICE UNIT AND RELATED EQUIPMENT
	10:30 - 11:00	0.50	CM	z	80CMPL	RIG INSPECTION = M. L. MCCLELLAND
	11:00 - 11:30	0.50	WC	9	80CMPL	PRESSURE TEST CASING TO 250 PSI LOW FOR 3 MINS
03/31/2003						PRESSURE TEST CASING TO 600 PSI HIGH FOR 30 MINS
						RECORDED ON CHART FOR STATE TEST, TEST GOOD
	11:30 - 12:00	0.50	WC	8	80CMPL	PRESSURE TEST BOP EQUIPMENT AS FOLLOWS:
						TEST PIPE RAMS, BLIND RAMS, CHOKE MANIFOLD, KILL LINE AND FLOOR VALVE TO 250 PSI LOW FOR 10 MINS AND 1800 PSI HIGH FOR 10 MINS, TEST GOOD
	12:00 - 17:00	5.00	CM	2	80CMPL	PLACE DRILL STRING ON RACKS, TALLY SAME
						PICK UP 6-1/4" HTC, STX-20 BIT, BIT SUB W/FLOAT, 10-3-1/2" DRILL COLLARS AND 2-7/8" DRILL PIPE
						RIH, TAG AT 3229'
	17:00 - 18:30	1.50	CM	1	80CMPL	PICK UP POWER SWIVEL, PREPARE TO DRILL OUT
	18:30 - 19:00	0.50	CM	1	80CMPL	SECURE WELL, SHUT IN FOR THE NIGHT
	07:00 - 07:30	0.50	CM	c	80CMPL	HOLD SAFETY MEETING WITH ALL PERSONNEL
	07:30 - 08:30	1.00	CM	1	80CMPL	PREPARE TO UNLOAD HOLE
						RIG UP MUD LOGGERS
	08:30 - 09:00	0.50	CM	1	80CMPL	UNLOAD HOLE WITH 1800 CFM AIR, 10 BPH MIST, 2 GAL FOAMER & INHIBITOR/20 BBLs
	09:00 - 11:00	2.00	CE	s	80CMPL	DRILL CEMENT F/3229' - T/3300'
	11:00 - 18:00	7.00	DR	1	80CMPL	DRILL 6-1/4" OPEN HOLE F/3300' - T/3581'
						COAL INTERVALS AS FOLLOWS:
						3308' - 3310' = 2' = NO GAS = SATIN LUSTER, SUB PLATY
						3321' - 3323' = 2' = NO GAS = " " " " " " " " "
						3339' - 3345' = 6' = 38 UNITS = " " " " " " " " "
						3358' - 3367' = 9' = 394 UNITS = DULL TO BRIGHT BLACK, SUB BLOCKY
						3368' - 3369' = 1' = 366 UNITS = " " " " " " " " "
						"
						3373' - 3383' = 10' = 366 UNITS = SATIN TO SUB GLASSY LUSTER
						3391' - 3394' = 3' = 366 UNITS = " " " " " " " " "
						3544' - 3550' = 6' = 620 UNITS = INTERMEDIATE GRADE, THINLY LAMINATED,
						BRIGHT BLACK, SUB BLOCKING
						3553' - 3556' = 3' = 620 UNITS = SATIN LUSTER, OCCASIONAL CLEAT FACE
						3557' - 3567' = 10' = 620 UNITS = FAIR TO GOOD QUALITY, NATURAL FRACTURING
						3569' - 3573' = 4' = 620 UNITS = " " " " " " " " "
						"
						TOTAL COALS = 56'
	18:00 - 19:00	1.00	CM	1	80CMPL	CIRCULATE AND CONDITION HOLE, CHECK SAMPLES TO DETERMINE TD
	19:00 - 19:30	0.50	CM	c	80CMPL	SAFETY MEETING WITH ALL PERSONNEL
	19:30 - 06:00	10.50	CM	1	80CMPL	R&R, C/O TO 3581' (TD) WITH 1800 CFM AIR, 10 BPH MIST, 2 GALS

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 28 #1 000001A

Common Well Name: SAN JUAN 32 FED 28 # 1A FRUITLAND

Spud Date: 03/07/2003

Event Name: Original Completion

Start: 02/17/2003

End: 04/16/2003

Contractor Name: KEY ENERGY

Rig Release: 04/15/2003

Group:

Rig Name: KEY ENERGY

Rig Number: 18

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
03/31/2003	19:30 - 06:00	10.50	CM	1	80CMPL	FOAMER & INHIBITOR/20 BBLS RETURNS TO SURFACE = LIGHT COAL FINES
04/01/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R, C/O TO 3581' (TD) WITH 1800 CFM AIR, 10 BPH MIST, 2 GALS FOAMER & INHIBITOR/20 BBLS RETURNS TO SURFACE = LIGHT COAL FINES
	07:00 - 07:30	0.50	CM	c	80CMPL	HOLD SAFETY MEETING WITH ALL PERSONNEL
	07:30 - 08:30	1.00	CM	1	80CMPL	CIRCULATE WITH 1800 CFM AIR TO DRY UP THE HOLE
	08:30 - 09:00	0.50	CM	4	80CMPL	POOH WITH 10 JOINTS TO SHOE AT 3300'
	09:00 - 10:00	1.00	CM	u	80CMPL	FLOW TEST WELL TO PIT THROUGH AN OPEN 2" LINE AND PITOT TUBE: 15 MIN = 1.5# = 752 MCFD 30 MIN = 2# = 869 MCFD 45 MIN = 2.5# = 970 MCFD 1 HR = 2.5# = 970 MCFD
	10:00 - 11:00	1.00	CM	t	80CMPL	SHUT IN PRESSURE TEST AS FOLLOWS: ISIP = 24 PSI 15 MIN = 150 PSI 30 MIN = 280 PSI 45 MIN = 390 PSI 1 HR = 390 PSI
	11:00 - 17:00	6.00	CM	1	80CMPL	SURGE WELL #1, #2, #3, #4, #5 WITH 1800 CFM AIR, 10 BPH MIST, 2 GALS FOAMER & INHIBITOR/20 BBLS PUMP 5-6 BBL WATER PADS, 1200 PSI RETURNS TO SURFACE = LIGHT COAL FINES TO MED COAL AND NATURAL FORMATION GAS
	17:00 - 17:30	0.50	CM	4	80CMPL	RIH FORM SHOE, TAG FILL AT 3525' (56' OF FILL)
	17:30 - 19:00	1.50	CM	1	80CMPL	C/O F/3525' - T/3561' WITH 1800 CFM AIR, 10 BPH MIST, 2 GALS FOAMER & INHIBITOR/20 BBLS RETURNS TO SURFACE = LIGHT TO MED COAL AND FINES
	19:00 - 19:30	0.50	CM	c	80CMPL	HOLD SAFETY MEETING WITH ALL PERSONNEL
	19:30 - 04:30	9.00	CM	1	80CMPL	R&R, C/O F/3561' - T/3581' (TD) WITH 1800 CFM AIR, 10 BPH MIST, 2 GALS FOAMER & INHIBITOR/20 BBLS RETURNS TO SURFACE = LIGHT TO MED COAL AND FINES
	04:30 - 05:00	0.50	CM	1	80CMPL	CIRCULATE WITH 1800 CFM AIR TO DRY UP THE HOLE
	05:00 - 05:30	0.50	CM	4	80CMPL	POOH WITH 10 JOINTS TO SHOE AT 3300'
	05:30 - 06:00	0.50	CM	1	80CMPL	SURGE WELL WITH 1800 CFM AIR, 10 BPH MIST, 2 GALS FOAMER & INHIBITOR/20 BBLS PUMP 5-6 BBL WATER PADS
04/02/2003	06:00 - 07:00	1.00	CM	1	80CMPL	SURGE WELL #6, WITH 1800 CFM AIR, 10 BPH MIST, 2 GALS FOAMER & INHIBITOR/20 BBLS PUMP 5-6 BBL WATER PAD, 1200 PSI RETURNS TO SURFACE = LIGHT COAL FINES AND NATURAL FORMATION GAS
	07:00 - 07:30	0.50	CM	c	80CMPL	HOLD SAFETY MEETING WITH ALL PERSONNEL
	07:30 - 13:00	5.50	CM	1	80CMPL	SURGE WELL #7, #8, #9, #10, WITH 1800 CFM AIR, 10 BPH MIST, 2 GALS FOAMER & INHIBITOR/20 BBLS PUMP 5-6 BBL WATER PADS, 1200 PSI RETURNS TO SURFACE = LIGHT COAL, FINES AND NATURAL FORMATION GAS
	13:00 - 13:30	0.50	CM	4	80CMPL	RIH FROM SHOE, TAG FILL AT 3450' (131' OF FILL)
	13:30 - 19:00	5.50	CM	1	80CMPL	C/O F/3450' - T/3561' WITH 1800 CFM AIR, 10 BPH MIST, 2 GALS FOAMER & INHIBITOR/20 BBLS RETURNS TO SURFACE = LIGHT TO MED COAL AND FINES

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 28 #1 000001A
 Common Well Name: SAN JUAN 32 FED 28 # 1A FRUITLAND Spud Date: 03/07/2003
 Event Name: Original Completion Start: 02/17/2003 End: 04/16/2003
 Contractor Name: KEY ENERGY Rig Release: 04/15/2003 Group:
 Rig Name: KEY ENERGY Rig Number: 18

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
04/02/2003	19:00 - 19:30	0.50	CM	c	80CMPL	HOLD SAFETY MEETING WITH ALL PERSONNEL
	19:30 - 05:30	10.00	CM	1	80CMPL	C/O F/3561' - T/3581' WITH 1800 CFM AIR, 10 BPH MIST, 2 GALS FOAMER & INHIBITOR/20 BBLs RETURNS TO SURFACE = LIGHT COAL AND FINES
04/03/2003	05:30 - 06:00	0.50	CM	1	80CMPL	POOH 10 JOINTS TO SHOE AT 3300'
	06:00 - 07:00	1.00	CM	1	80CMPL	SURGE # 11 @ 1200# AIR ASSIST W / 1.5 MMCFD AIR, 10 BPH MIST, 1 GAL FOAMER & INHIBITOR W / 5 BBL WATER-FOAMER PADS = RETURNS TO SURFACE, LIGHT COAL & FINES
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:30 - 14:00	6.50	CM	1	80CMPL	SURGE'S # 11 - # 12 - # 13 - # 14 - # 15 @ 1200# AIR ASSIST W / 1.5 MMCFD AIR, 10 BPH MIST, 1 GAL FOAMER & INHIBITOR W / 5 TO 8 BBL WATER-FOAMER PADS = RETURNS TO SURFACE, LIGHT TO MED COAL & FINES
	14:00 - 14:30	0.50	CM	4	80CMPL	RIH FROM 7" CSG TAG FILL @ 3510'
	14:30 - 19:00	4.50	CM	1	80CMPL	R&R C/O F/3510' - T/3535' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURNS TO SURFACE, HEAVY TO MED COAL & FINES W / NATURAL FORMATION GAS & NO WATER GAIN = 9 DOWN TO 3 BUCKETS PER HOUR OFF SAMPLE CATCHER = 95% COAL & 5% 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/3535' - T/3581' TD W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY TO LIGHT COAL & FINE'S W / NO WATER GAIN = 10 DOWN TO 1 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & 5% SHALE
	06:00 - 06:30	0.50	CM	1	80CMPL	R&R C/O T/3581' TD W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / NO WATER GAIN = 1/2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & 5% SHALE
	06:30 - 07:00	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG W / BHA & RU TO SURGE WELL
04/04/2003	07:00 - 07:15	0.25	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:15 - 10:00	2.75	CM	1	80CMPL	SURGE'S # 16 - # 17 @ 1200# AIR ASSIST W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR W / 5 TO 8 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S
	10:00 - 10:30	0.50	CM	4	80CMPL	RIH FROM 7" CSG & TAG FILL @ 3576'
	10:30 - 11:00	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG W / BHA & RU TO SURGE WELL
	11:00 - 16:00	5.00	CM	1	80CMPL	SURGE'S # 18 - # 19 - # 20 @ 1200# AIR ASSIST W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR W / 5 TO 8 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S
	16:00 - 16:30	0.50	CM	4	80CMPL	RIH FROM 7" CSG & TAG FILL @ 3500'
	16:30 - 19:00	2.50	CM	1	80CMPL	R&R C/O F/3500' - T/3535' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED COAL & FINE'S W / NO WATER GAIN = 5 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & 5% SHALE
	19:00 - 19:15	0.25	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	19:15 - 06:00	10.75	CM	1	80CMPL	R&R C/O F/3535' - T/3581' TD W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY TO LIGHT COAL & FINE'S W / NO WATER GAIN = 10 DOWN TO 1 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & 5% SHALE
	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O T/3581' TD W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 28 #1 000001A
 Common Well Name: SAN JUAN 32 FED 28 # 1A FRUITLAND Spud Date: 03/07/2003
 Event Name: Original Completion Start: 02/17/2003 End: 04/16/2003
 Contractor Name: KEY ENERGY Rig Release: 04/15/2003 Group:
 Rig Name: KEY ENERGY Rig Number: 18

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
04/05/2003	06:00 - 07:00	1.00	CM	1	80CMPL	FOAMER & INHIBITOR = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / NO WATER GAIN = 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & 5% SHALE
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:30 - 14:00	6.50	CM	1	80CMPL	R&R C/O T/3581' TD W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, LIGHT TO HEAVY TO LIGHT COAL & FINE'S W / NO WATER GAIN = WELL SLOUGHED IN HEAVY FINE'S = 15 DOWN TO 1 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
	14:00 - 14:30	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG W / BHA & RU TO SURGE WELL W / AIR ASSIST
	14:30 - 18:30	4.00	CM	1	80CMPL	SURGE'S # 21 - # 22 @ 1200# AIR ASSIST W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR W / 5 BBL
						WATER-FOAMER PAD'S = RETURN'S TO SURFACE, MED TO HEAVY COAL & FINE'S
	18:30 - 19:00	0.50	CM	4	80CMPL	RIH FROM 7" CSG & TAG FILL @ 3380'
	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/3380'-T/3500' W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY TO LIGHT COAL & FINE'S W / NO WATER GAIN = 12 DOWN TO 1 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
04/06/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O T/3500' W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / NO WATER GAIN = 1/2 BUCKET PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:30 - 15:00	7.50	CM	1	80CMPL	R&R C/O F/3500'-T/3581' TD W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY TO LIGHT COAL & FINE'S W / NO WATER GAIN = 13 DOWN TO 1 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
	15:00 - 15:30	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG W / BHA & RU TO SURGE WELL
	15:30 - 19:00	3.50	CM	1	80CMPL	SURGE'S # 23 - # 24 @ 1200# AIR ASSIST W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR W / 5 TO 7 BBL
						WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO MED COAL & FINE'S
	19:00 - 19:30	0.50	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	19:30 - 21:30	2.00	CM	1	80CMPL	SURGE # 25 @ 1200# AIR ASSIST W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED COAL & FINE'S
	21:30 - 22:00	0.50	CM	4	80CMPL	RIH FROM 7" CSG & TAG FILL @ 3500'
	22:00 - 06:00	8.00	CM	1	80CMPL	R&R C/O F/3500' - T/3581' TD W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY TO MED COAL & FINE'S W / NO WATER GAIN = 10 DOWN TO 4 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
04/07/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O T/3581' TD W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED COAL & FINE'S W / NO WATER GAIN = 4 TO 5 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:30 - 15:00	7.50	CM	1	80CMPL	R&R C/O T/3581' TD W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S OF

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 28 #1 000001A

Common Well Name: SAN JUAN 32 FED 28 # 1A FRUITLAND

Spud Date: 03/07/2003

Event Name: Original Completion

Start: 02/17/2003

End: 04/16/2003

Contractor Name: KEY ENERGY

Rig Release: 04/15/2003

Group:

Rig Name: KEY ENERGY

Rig Number: 18

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
04/07/2003	07:30 - 15:00	7.50	CM	1	80CMPL	FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / NO WATER GAIN = 5 DOWN TO 1 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
	15:00 - 15:30	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG W / BHA & RU TO TEST WELL
	15:30 - 16:30	1.00	CM	u	80CMPL	2" OPEN FLOW TEST W / PITOT TUBE 15 MIN'S = 1010 MCFD 30 MIN'S = 1065 MCFD 45 MIN'S = 1125 MCFD 1 HR = 1140 MCFD
	16:30 - 17:30	1.00	CM	t	80CMPL	SHUT IN TEST ISIP = 18# 15 MIN'S = 120# 30 MIN'S = 220# 45 MIN'S = 265# 1 HR = 300#
	17:30 - 19:00	1.50	CM	1	80CMPL	SURGE # 26 @ 1200# AIR ASSIST W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, LIGHT COAL & FINE'S
	19:00 - 19:30	0.50	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	19:30 - 23:30	4.00	CM	1	80CMPL	SURGE'S # 27 - # 28 - # 29 @ 1200# AIR ASSIST W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO HEAVY COAL & FINE'S
	23:30 - 00:00	0.50	CM	4	80CMPL	RIH FROM 7" CSG & TAG FILL @ 3380'
	00:00 - 06:00	6.00	CM	1	80CMPL	R&R C/O F/3380' - T/3410' W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY TO LIGHT COAL & FINE'S W / NO WATER GAIN = 10 DOWN TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O T/3410' W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / NO WATER GAIN = 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
04/08/2003	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 F/3410' - T/3500' W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY TO LIGHT COAL & FINE'S W / NO WATER GAIN = 14 DOWN TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 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/3500' - T/3581' TD W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY TO MED COAL & FINE'S W / NO WATER GAIN = 15 DOWN TO 4 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
04/09/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O T/3581' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / NO WATER GAIN = 2 DOWN TO 1 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% 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 W / BHA & RU TO SURGE WELL
	08:00 - 14:30	6.50	CM	1	80CMPL	SURGE'S # 30 - # 31 - # 32 - # 33 @ 1200# AIR ASSIST W / 1.5 MMCFD AIR, 10 BPH MIST, 2 GAL'S FOAMER & INHIBITOR W / 5 BBL

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 28 #1 000001A

Common Well Name: SAN JUAN 32 FED 28 # 1A FRUITLAND

Spud Date: 03/07/2003

Event Name: Original Completion

Start: 02/17/2003

End: 04/16/2003

Contractor Name: KEY ENERGY

Rig Release: 04/15/2003

Group:

Rig Name: KEY ENERGY

Rig Number: 18

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
04/09/2003	08:00 - 14:30	6.50	CM	1	80CMPL	WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO HEAVY COAL & FINE'S
	14:30 - 15:00	0.50	CM	4	80CMPL	TIGHT HOLE @ 3300' = 7" SHOE = GOT LOOSE BUT PLUG BIT
	15:00 - 15:15	0.25	CM	6	80CMPL	HANG BACK POWER SWIVEL
	15:15 - 16:45	1.50	CM	4	80CMPL	COOH W / DP, DC'S & BHA
	16:45 - 17:15	0.50	CM	z	80CMPL	C/O COAL OUT OF BIT & BIT SUB
	17:15 - 18:30	1.25	CM	4	80CMPL	RIH W / 6 1/4" BHA, DC'S & DP TO 7" SHOE @ 3300'
	18:30 - 18:45	0.25	CM	6	80CMPL	PU POWER SWIVEL
	18:45 - 19:00	0.25	CM	5	80CMPL	BREAK CIRC W / AIR ASSIST
	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	RIH FROM 7" SHOE & TAG FILL @ 3380'
	20:00 - 06:00	10.00	CM	1	80CMPL	R&R C/O F/3380' - T/3560' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY TO MED COAL & FINE'S W / NO WATER GAIN = 13 DOWN TO 3 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
04/10/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O F/3530' - T/3560' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED TO HEAVY COAL & FINE'S W / NO WATER GAIN = 3 UP TO 10 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE = WELL RUNNING COAL & FINE'S
	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 F/3530' - T/3560' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY TO MED COAL & FINE'S W / NO WATER GAIN = 12 DOWN TO 3 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 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 T/3581' TD W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY TO LIGHT COAL & FINE'S W / NO WATER GAIN = 10 DOWN TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
04/11/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O T/3581' TD W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / NO WATER GAIN = 2 DOWN TO 1 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:30 - 08:00	0.50	CM	1	80CMPL	R&R C/O T/3581' TD W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / NO WATER GAIN = 1/2 BUCKET PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
	08:00 - 08:30	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG W / BHA & RU TO TEST WELL
	08:30 - 09:30	1.00	CM	u	80CMPL	2" OPEN FLOW TEST W / PITOT TUBE 15 MIN'S = 1350 MCFD 30 MIN'S = 1450 MCFD 45 MIN'S = 1520 MCFD 1 HR = 1550 MCFD
	09:30 - 10:30	1.00	CM	t	80CMPL	SHUT IN TEST ISIP = 26# 15 MIN'S = 130# 30 MIN'S = 205# 45 MIN'S = 260# 1 HR = 300#
	10:30 - 17:00	6.50	CM	1	80CMPL	SURGE'S # 26 - # 27 - # 28 - # 30 @ 1200# AIR ASSIST W / 1.5

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 28 #1 000001A
 Common Well Name: SAN JUAN 32 FED 28 # 1A FRUITLAND
 Event Name: Original Completion
 Contractor Name: KEY ENERGY
 Rig Name: KEY ENERGY
 Spud Date: 03/07/2003
 Start: 02/17/2003 End: 04/16/2003
 Rig Release: 04/15/2003 Group:
 Rig Number: 18

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
04/11/2003	10:30 - 17:00	6.50	CM	1	80CMPL	MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER & INHIBITOR W / 5 BBL WATER-FOAMER PAD'S = RETURN'S TO SURFACE, LIGHT TO HEAVY COAL & FINE'S
	17:00 - 17:30	0.50	CM	4	80CMPL	RIH FROM 7" CSG SHOE & TAG FILL @ 3380'
	17:30 - 19:00	1.50	CM	1	80CMPL	R&R C/O T/3390' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY COAL & FINE'S W / NO WATER GAIN = 9 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 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 T/3390' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY TO MED COAL & FINES W / NO WATER GAIN = 9 DOWN TO 4 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
04/12/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O T/3390' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED COAL & FINE'S W / NO WATER GAIN = 4 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
	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 F/3390' - T/3460' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY TO MED COAL & FINE'S W / NO WATER GAIN = 10 DOWN TO 5 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 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 T/3510' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY TO MED COAL & FINE'S W / NO WATER GAIN = 9 DOWN TO 4 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
04/13/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O T/3510' W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, MED COAL & FINE'S W / NO WATER GAIN = 4 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
	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/3581' TD W / 1.5 MMCFD AIR, 12 BPH MIST, 1 GAL FOAMER & INHIBITOR = RETURN'S TO SURFACE, HEAVY TO LIGHT COAL & FINE'S W / NO WATER GAIN = 9 DOWN TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 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 & CONDITION HOLE FOR LINER W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER, 1 GAL POLYMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / NO WATER GAIN = 5 DOWN TO 1 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
04/14/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O & CONDITION HOLE T/3581' TD W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER, 1 GAL POLYMER & INHIBITOR = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / NO WATER GAIN = 1 DOWN TO 1/2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% 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 W / BHA
	08:00 - 10:00	2.00	CM	g	80CMPL	FLOW WELL OUT BLOOIE LINE'S TO CHECK HOLE CONDITION'S
	10:00 - 10:30	0.50	CM	4	80CMPL	RIH FROM 7" CSG TAG FILL @ 3563'
	10:30 - 19:00	8.50	CM	1	80CMPL	R&R C/O & CONDITION HOLE T/3581' TD W / 1.5 MMCFD AIR, 12

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 28 #1 000001A
 Common Well Name: SAN JUAN 32 FED 28 # 1A FRUITLAND Spud Date: 03/07/2003
 Event Name: Original Completion Start: 02/17/2003 End: 04/16/2003
 Contractor Name: KEY ENERGY Rig Release: 04/15/2003 Group:
 Rig Name: KEY ENERGY Rig Number: 18

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
04/14/2003	10:30 - 19:00	8.50	CM	1	80CMPL	BPH MIST, 2 GAL'S FOAMER, 1 GAL POLYMER & INHIBITOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / NO WATER GAIN = 5 DOWN TO 1 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
	19:00 - 19:30	0.50	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	19:30 - 03:30	8.00	CM	1	80CMPL	R&R C/O & CONDITION HOLE T/3581' TD W / 1.5 MMCFD AIR, 12 BPH MIST, 2 GAL'S FOAMER, 1 GAL POLYMER & INHIBITOR = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / NO WATER GAIN = 1 DOWN TO 1/2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
04/15/2003	03:30 - 04:00	0.50	CM	4	80CMPL	PUH INSIDE 7" CSG W / BHA
	04:00 - 04:45	0.75	CM	6	80CMPL	HANG BACK POWER SWIVEL & RU TO COOH
	04:45 - 06:00	1.25	CM	4	80CMPL	COOH W / DP, DC'S & BHA
	06:00 - 07:00	1.00	CM	6	80CMPL	RU 5 1/2" RAM'S & EQUIPMENT = ATTENTION FINAL 2" OPEN FLOW TEST W / PITOT TUBE = 2000 MCFD
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	07:30 - 07:45	0.25	CM	8	80CMPL	TEST 5 1/2" RAM'S W / 300# WELLBORE PRESSURE FOR 15 MIN'S = GOOD TEST
	07:45 - 08:15	0.50	CM	2	80CMPL	PU & MU HANGER W / STRIPPING RUBBER ON JT OF DP
	08:15 - 09:00	0.75	CM	2	80CMPL	GIH PU 6 1/4" BIT, BIT SUB, 7 JT'S OF 5 1/2" CSG & 7" X 5 1/2" BAKER HYFLO 3 HANGER W / STEEL SLEEVE & X-OVER
	09:00 - 10:00	1.00	CM	4	80CMPL	RIH W / LINER & DP TAG FILL @ 3573'
	10:00 - 10:15	0.25	CM	6	80CMPL	PU POWER SWIVEL
	10:15 - 10:45	0.50	CM	5	80CMPL	CIRC LINER DOWN TO 3581' TD = SET HANGER & RELEASED OFF HANGER = 5 1/2" LINER SET AS FOLLOW'S = 6 1/4" BIT SET @ 3580'.00" = 5 1/2" BIT SUB SET @ 3579'.40" = 7 JT'S OF 5 1/2" 15.50# J-55 LT&C CSG SET @ 3578'.05" = BOTTOM OF HANGER SET @ 3262'.95" = TOP OF 7" X 5 1/2" BAKER HYFLO 3 HANGER SET @ 3259'.15" = TOP OF STEEL SLEEVE SET @ 3258'.15" = 40'.85" OVERLAP OF 7" CSG SHOE
	10:45 - 11:00	0.25	CM	6	80CMPL	HANG BACK POWER SWIVEL
	11:00 - 13:00	2.00	CM	2	80CMPL	COOH LAYING DOWN DP, DC'S & SETTING TOOL
	13:00 - 13:15	0.25	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION
	13:15 - 13:30	0.25	CM	6	80CMPL	RU BLUE JET PERFORATING EQUIPMENT
	13:30 - 13:45	0.25	CM	8	80CMPL	TEST BLUE JET EQUIPMENT TO WELLBORE PRESSURE 300# FOR 15 MIN'S = GOOD TEST
	13:45 - 14:30	0.75	CM	q	80CMPL	RIH & PERFORATED 5 1/2" LINER W / 3 1/8" CSG GUN'S, 4 SPF, 0.75" DIA HOLES, 90 DEGREE'S PHASING AS FOLLOW'S = 3569'-73' - 4 FT - 16 HOLE'S 3558'-66' - 8 FT - 32 HOLE'S 3552'-56' - 4 FT - 16 HOLE'S 3544'-48' - 4 FT - 16 HOLE'S 3390'-94' - 4 FT - 16 HOLE'S 3372'-82' - 10 FT - 40 HOLE'S 3358'-67' - 9 FT - 36 HOLE'S 3339'-44' - 5 FT - 20 HOLE'S 3308'-12' - 4 FT - 16 HOLE'S TOTAL - 52 FT - 208 HOLE'S
	14:30 - 14:45	0.25	CM	6	80CMPL	RD BLUE JET PERFORATING EQUIPMENT
	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 2 3/8" RAM'S = 200# 3 MIN'S & 1800# 10 MIN'S = GOOD TEST = SECURED WELL & S.D.O.N.
04/16/2003	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W / ALL PERSONNEL ON LOCATION

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 28 #1 000001A
 Common Well Name: SAN JUAN 32 FED 28 # 1A FRUITLAND
 Event Name: Original Completion
 Contractor Name: KEY ENERGY
 Rig Name: KEY ENERGY
 Start: 02/17/2003
 Rig Release: 04/15/2003
 Rig Number: 18
 Spud Date: 03/07/2003
 End: 04/16/2003
 Group:

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
04/16/2003	07:30 - 08:00	0.50	CM	g	80CMPL	BLOW DOWN WELL = HAD 550# ON CSG
	08:00 - 09:30	1.50	CM	2	80CMPL	GIH PU BHA & 2 3/8" TUBING OFF PIPE RACK'S
	09:30 - 10:00	0.50	CM	n	80CMPL	LAND HANGER W / TUBING SET AS FOLLOW'S = 2 7/8" BULL
						PLUG SET @ 3574'.82" = 2 7/8" EUE 8RD J-55 6.5# BOTTOM JT MUD
						ANCHOR SET @ 3574'.52" = 2 7/8" EUE 8RD PERF SUB SET @
						3541'.92" = 2 7/8" X 2 3/8" X-OVER COLLAR SET @ 3535'.87" = 2 3/8"
						FN W / 1.780 PROFILE SET @ 3535'.77" = 113 JT'S OF 2 3/8" EUE
						8RD J-55 4.7# TUBING SET @ 3534'.92" TO HANGER @ SURFACE =
						TOTAL OF 113 JT'S OF 2 3/8" TUBING IN WELL PLUS 2 7/8" BHA
	10:00 - 12:00	2.00	CM	e	80CMPL	ND BOP'S & NU WELLHEAD = TEST WELLHEAD SEAL TO 3000# =
						GOOD TEST
	12:00 - 12:30	0.50	CM	5	80CMPL	CIRC WELLBORE CLEAN W / AIR ASSIST
	12:30 - 16:00	3.50	MV	6	70DMOB	FLOW WELL TO PURGE AIR OUT OF WELLBORE = RD &
						RELEASE RIG & EQUIPMENT ON 04 / 15 / 2003 @ 16:00 PM =
						SECURED WELL = JOB COMPLETE - DROP FROM REPORT =
						RELEASE WELL TO PRODUCTION DEPT.