

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.
NMSF079341

1a. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Other: CBM			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 23 1A		
3. Address P O BOX 2197 WL 6106 HOUSTON, TX 77252			9. API Well No. 30-045-31997-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 23 T32N R9W Mer NMP At surface NWSE 1775FSL 1535FEL 36.96756 N Lat, 107.74468 W Lon At top prod interval reported below At total depth			10. Field and Pool, or Exploratory BASIN FRUITLAND COAL		
14. Date Spudded 07/12/2004			15. Date T.D. Reached 10/01/2004		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/21/2004			17. Elevations (DF, KB, RT, GL)* 6755 GL		
18. Total Depth: MD 3630 TVD 3630			19. Plug Back T.D.: MD 3628 TVD 3628		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUDLOG		
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 H-40	32.3	0	235		150		0	15
8.750	7.000 J-55	20.0	0	3314		540		0	5
6.250	5.500 J-55	15.5	3276	3630		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	3605							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	3350	3543	3350 TO 3543	0.750	192	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material

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
10/21/2004	10/20/2004	2	→	0.0	3311.0	2.0			GAS PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
2	SI	25.0	→	0	39732	24		GSI	

28a. Production - Interval B

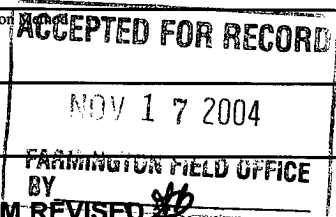
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

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

ELECTRONIC SUBMISSION #50840 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMOCD



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	696		NACIMIENTO	918
NACIMIENTO	696	2220		OJO ALAMO	2198
OJO ALAMO	2220	2264		KIRTLAND	2248
				FRUITLAND	3149
				PICTURED CLIFFS	3648

32. Additional remarks (include plugging procedure):

This well is a single well producing from the Basin Fruitland Coal. Attached is the Wellbore Schematic and the Daily Summaries.

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 #50840 Verified by the BLM Well Information System.
For CONOCOPHILLIPS COMPANY, sent to the Farmington
Committed to AFMSS for processing by ADRIENNE BRUMLEY on 11/17/2004 (05AXB0284SE)

Name (please print) JUANITA FARRELL

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 11/09/2004

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 ** REVISED ****

END OF WELL SCHEMATICWell Name: **San Juan 32 Fed 23 #1A**API #: **30-045-31997**Location: **1775' FSL & 1535' FEL**

Sec. 23 - T32N - R9W

San Juan County, NM

Elevation: **6755' GL (above MSL)**Drl Rig RKB: **13' above Ground Level**Datum: **Drl Rig RKB = 13' above GL**Spud: **12-Jul-04**Release Drl Rig: **16-Jul-04**Move In Cav Rig: **27-Sep-04**Date TD Reached: **30-Sep-04**Release Cav Rig: **20-Oct-04**

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 CasingDate set: **13-Jul-04**

Size **9 5/8** in
 Set at **235** ft # Jnts: **5**
 Wt. **32.3** ppf Grade **H-40**
 Hole Size **12 1/4** in Conn **STC**
 Excess Cmt **125** %
 T.O.C. **SURFACE**

Csg Shoe **235** ftTD of 12-1/4" hole **240** ftNotified BLM @ **15:00** hrs on **11-Jul-04**Notified NMOCD @ **15:03** hrs on **11-Jul-04****Intermediate Casing**Date set: **16-Jul-04**

Size **7** in **78** jts
 Set at **3314** ft **0** pups
 Wt. **20** ppf Grade **J-55**
 Hole Size **8 3/4** in Conn **STC**
 Excess Cmt **160** % Top of Float Collar **3270** ft
 T.O.C. **SURFACE** Bottom of Casing Shoe **3314** ft
 Pup @ **_____** ft TD of 8-3/4" Hole **3320** ft
 Pup @ **_____** ft

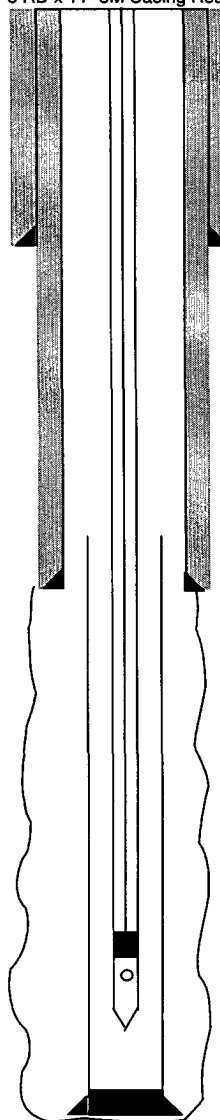
Notified BLM @ **14:45** hrs on **14-Jul-04**Notified NMOCD @ **14:47** hrs on **14-Jul-04****Production Liner**Date set: **18-Oct-04**

Size **5 1/2** in
 Nominal Wt. **15.5** ppf
 Grade **J-55** Connections: **LTC**
 # Jnts: **8**
 Hole Size **6.25 / 9.5** inches
 Underreamed 6-1/4" hole to 9.5" from 3320' to 3630'
 Top of Liner **3276** ft
 PBDT **3628** ft
 Bottom of Liner **3630** ft

This well was cavitated.

☒ New
☐ Used

☒ New
☐ Used

☒ New
☐ Used
TD **3,630** ft**Surface Cement**Date cmt'd: **13-Jul-04**

Lead : **150** sx Class G Cement
 + 2% BWOC S001 Calcium Chloride
 + 0.25 lb/sx D029 Cellophane Flakes
1.16 cuft/sx, **174.0** cuft slurry at **15.8** ppg
 Displacement: **15.1** bbls fresh wtr
 Bumped Plug at: **5:13** hrs w/ **435** psi
 Final Circ Press: **130** psi @ **0.6** bpm
 Returns during job: **YES**
 CMT Returns to surface: **15** bbls
 Floats Held: **No floats used**
 W.O.C. for **6.00** hrs (plug bump to start NU BOP)
 W.O.C. for **9.75** hrs (plug bump to test csg)

Intermediate CementDate cmt'd: **16-Jul-04**

Lead : **440** sx Class G Cement
 + 3% D079 Extender
 + 0.25 lb/sx D029 Cellophane Flakes
 + 0.2% D046 Antifoam
2.61cuft/sx, **1148.4** 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
1.27 cuft/sx, **127** cuft slurry at **13.5** ppg
 Displacement: **132** bbls
 Bumped Plug at: **04:42** hrs w/ **1385** psi
 Final Circ Press: **795** psi @ **2** bpm
 Returns during job: **YES**
 CMT Returns to surface: **5** bbls
 Floats Held: ☒ Yes ☐ No

UNCEMENTED LINER

Schematic prepared by:
 Steven O. Moore, Drilling Engineer
 06-Nov-2004

COMMENTS:

9-5/8" Surf:	No float equipment was run. Ran a guide shoe and an aluminum baffle plate 1 jt above the guide shoe @ 187'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 222', 146', 103' & 59'. Total: 4
7" Intermediate	Displaced w/ 20 bbls Fresh Water & 112 bbls of Slightly Polymerized Drill Fluid (8.4 ppg). CENTRALIZERS @ 3304', 3229', 3147', 3062', 2977', 2895', 210', 82' & 39'. TURBOLIZERS @ 2253', & 2210'. Total: 9 Total: 2
5.5" Liner	Ran 6-1/4" bit & bit sub w/ float on btm of liner. Ran liner w/ TIW H-Latch Drop Off Tool (no liner hanger).
Perforations	Perforated 5-1/2" liner with guns on E-line at 4 spf, 0.75" diameter, 120 degree phased holes Perf. Intervals: 3350'-3353', 3358'-3364', 3370'-3379', 3388'-3399', 3492'-3498', 3526'-3532', 3536'-3543'. TOTAL SHOTS = 192.
Tubing	30.60' x 2-7/8" EUE 8rd box Orange Peeled Mud Anchor with eight each 0.25" x 8" slots just below the upset, 2-7/8" x 2-3/8" EUE 8rd crossover collar, 2-3/8" expendable check, 2-3/8" OD (1.78" ID) F-Nipple, 113 jts 2-3/8" 4.7# J-55 EUE 8rd tubing. Bottom of Mud Anchor at 3605'. F-Nipple at 3573' MD RKB.
Pump & Rods	12" long strainer attached below insert pump with 3 ea 25' x 1.25" OD sinker bars on top of pump 139 ea 3/4" OD rods, spaced out with 1 ea 8' & 1 ea 4' x 3/4" OD pony rods & 1 ea 1-1/4" OD x 22' polished rod Set pump in F-Nipple at 3573' MD RKB

CONOCOPHILLIPS CO

Operations Summary Report

Page 1 of 10

Legal Well Name: SAN JUAN 32 FED 23 1A
 Common Well Name: SAN JUAN 32 FED 23 1A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY 18

Spud Date: 7/12/2004
 Start: 6/29/2004 End:
 Rig Release: 10/20/2004 Group:
 Rig Number: 18

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/28/2004	07:00 - 07:30	0.50	MOVE	SFTY	DEMOB	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS
	07:30 - 15:00	7.50	MOVE	DMOB	DEMOB	LOAD OUT EQUIPMENT & MOVING RIG & EQUIPMENT TO LOCATION
	15:00 - 18:30	3.50	MOVE	MOB	MIRU	MIRU KEY RIG # 18 & EQUIPMENT
9/29/2004	18:30 - 19:00	0.50	MOVE	OTHR	MIRU	SECURED LOCATION & S.D.O.N.
	07:00 - 07:30	0.50	MOVE	SFTY	DEMOB	SAFETY MEETING & JSA REVIEW'S @ START OF ALL OPERATION'S
	07:30 - 17:00	9.50	MOVE	MOB	MIRU	RU KEY RIG # 18 & EQUIPMENT, NU BOP'S, HCR'S, CHOKE MANIFOLD, ALL GROUND LINE'S, BLOOIE LINE'S, RIG FLOOR, POWER SWIVEL
9/30/2004	17:00 - 18:30	1.50	EVALFM	PRTS	COMPZN	RU TEST 7" CSG & BLIND RAM'S = 275# 3 MIN'S & 1800# 30 MIN'S, STATE INTEGRITY TEST = CHARTED GOOD TEST
	18:30 - 19:00	0.50	EVALFM	OTHR	COMPZN	SECURED LOCATION & S.D.O.N.
	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	HEAVY RAINS & MUDDY = NOT ABLE TO GET MUD LOGGERS TRAILER TO LOCATION = SHUT DOWN RIG FOR DAY 09 / 29 / 2004
10/1/2004	07:00 - 08:00	1.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = START & WARM ENGINES = RIG & EQUIPMENT INSPECTION
	08:00 - 11:30	3.50	EVALFM	PULD	COMPZN	GIH PU HUGHES 6 1/4" RE-RUN STX-20 # 5036987, BIT SUB, 12-3 1/2" DC'S, 1-2 7/8" DP, 1-2 7/8" FN W / 1.81 PROFILE & DP TO 3255'
	11:30 - 12:00	0.50	EVALFM	RURD	COMPZN	PU & RU POWER SWIVEL
	12:00 - 13:30	1.50	EVALFM	PRTS	COMPZN	TEST PIPE RAMS & STACK TO 300# 3 MINS & 1800# 10 MINS = CHARTED GOOD TEST
	13:30 - 15:00	1.50	EVALFM	OTHR	COMPZN	DRILL OUT CMT, 7" FLOAT COLLAR & 7" SHOE TO INTERMEDIATE TD @ 3320'
	15:00 - 23:30	8.50	EVALFM	OTHR	COMPZN	DRILLING AHEAD W / 6 1/4" BIT F/3320'-T/3630' TD W / 1100 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR, 85 RPM'S, 6 POINTS ON BIT = RETURNS TO SURFACE
	23:30 - 00:00	0.50	EVALFM	CIRC	COMPZN	MED COAL, FINES, SHALE & SANDSTONE
						CIRC & CORRELATE W / MUD LOGGERS = BASIN FRUITLAND COAL INTERVAL AS FOLLOWS
						3351'-53' = 2 FT = 185 GAS UNIT'S
						3356'-57' = 1 FT = 185 GAS UNIT'S
						3358'-64' = 6 FT = 185 GAS UNIT'S
						3370'-80' = 10 FT = 170 GAS UNIT'S
						3387'-99' = 12 FT = 150 GAS UNIT'S
						3492'-98' = 6 FT = 150 GAS UNIT'S
						3524'-30' = 6 FT = 182 GAS UNIT'S
						3534'-42' = 8 FT = 170 GAS UNIT'S
						TOTAL NET COAL = 51 FT
	00:00 - 03:30	3.50	EVALFM	OTHR	COMPZN	R&R C/O T/3630' TD W / 1100 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR, 65 RPM'S & 1 TO 3 POINTS ON BIT, 350# ON CHART @ COMPRESSIORS & 250# ON GAGE @ RIG FLOOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 1/2 TO 3/4 BPH WATER GAIN = 3 DOWN TO 1/2 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% COAL
	03:30 - 04:00	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG LAYING DOWN JT'S OF DP W / POWER SWIVEL
	04:00 - 05:00	1.00	EVALFM	PRDT	COMPZN	2" OPEN FLOW TEST W / PITOT TUBE
						TIME = MANIFOLD = PITOT = MCFLD = WATER
						15 MIN'S = 2.0# = 0.50# = 434 = DRY
						30 MIN'S = 3.0# = 0.75# = 516 = LIGHT MIST
						45 MIN'S = 4.0# = 1.00# = 615 = LIGHT MIST

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 23 1A

Common Well Name: SAN JUAN 32 FED 23 1A

Event Name: COMPLETION

Contractor Name: KEY ENERGY SVCS

Rig Name: KEY 18

Start: 6/29/2004

Rig Release: 10/20/2004

Rig Number: 18

Spud Date: 7/12/2004

End:

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/1/2004	04:00 - 05:00	1.00	EVALFM	PRDT	COMPZN	1 HR = 4.0# = 1.00# = 615 = LIGHT MIST
	05:00 - 06:00	1.00	EVALFM	SIPB	COMPZN	SHUT IN TO BUILD PRESSURE TIME = PRESSURE ISIP = 12# 15 MIN'S = 100# 30 MIN'S = 225# 45 MIN'S = 285# 1 HR = 300#
10/2/2004	06:00 - 06:30	0.50	EVALFM	RURD	COMPZN	HANG BACK POWER SWIVEL & TIE BACK ON TWO LINE'S
	06:30 - 08:30	2.00	EVALFM	TRIP	COMPZN	SAFETY MEETING & JSA REVIEW'S @ START OF ALL OPERATION'S = COOH W / DP, DC'S & BHA
	08:30 - 09:00	0.50	EVALFM	PULD	COMPZN	PU & MU BAKER ROLLER-CONE 9 1/2" UNDER-REAMER ON DC'S
	09:00 - 10:30	1.50	EVALFM	TRIP	COMPZN	RIH W / BHA & DP T/3310'
	10:30 - 11:00	0.50	EVALFM	RURD	COMPZN	TIE BACK ON ONE LINE & PU POWER SWIVEL
	11:00 - 16:45	5.75	EVALFM	OTHR	COMPZN	UNDER-REAM 6 1/4" HOLE TO 9 1/2" HOLE F/3320'-T/3630' TD W / 1800 SCFM AIR, 10 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 85 RPM'S, 800# DP PRESSURE, 4 TO 6 POINT'S ON BIT == GOOD RETURN'S TO SURFACE
	16:45 - 17:15	0.50	EVALFM	CIRC	COMPZN	CIRC BOTTOM'S UP TO CLEAN UP WELLBORE = 1800 SCFM AIR, 10 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / 1/2 BPH WATER GAIN = 1 BUCKET PER HOUR OFF SAMPLE CATCHER = 90% COAL
	17:15 - 17:45	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA LAYING DOWN JT'S OF DP W / POWER SWIVEL
	17:45 - 18:15	0.50	EVALFM	RURD	COMPZN	HANG BACK POWER SWIVEL & TIE BACK ON TWO LINE'S
	18:15 - 20:00	1.75	EVALFM	TRIP	COMPZN	SAFETY MEETING & JSA REVIEW'S @ START OF ALL OPERATION'S = COOH W / DP, DC'S & UNDER-REAMER
	20:00 - 20:30	0.50	EVALFM	PULD	COMPZN	LAID DOWN UNDER-REAMER, PU & MU BIT & SUB ON DC'S
	20:30 - 22:00	1.50	EVALFM	TRIP	COMPZN	RIH W / 6 1/4" BIT, BIT SUB, DC'S & DP TO 3310'
	22:00 - 22:30	0.50	EVALFM	RURD	COMPZN	TIE BACK ON ONE LINE & PU POWER SWIVEL
	22:30 - 23:30	1.00	EVALFM	OTHR	COMPZN	R&R C/O T/3630' TD W / 1100 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 2 POINT'S ON BIT, 65 RPM'S, 250# ON GAGE @ RIG FLOOR = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / 3/4 BPH WATER GAIN = 2 TO 1/2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL
	23:30 - 00:00	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG LAYING DOWN JT'S OF DP W / POWER SWIVEL
	00:00 - 01:00	1.00	EVALFM	PRDT	COMPZN	2" OPEN FLOW TEST W / PITOT TUBE TIME = MANIFOLD = PITOT = MCFD = WATER 15 MIN'S = 3.0# = 0.75# = 516 = LIGHT MIST 30 MIN'S = 4.0# = 1.00# = 615 = LIGHT MIST 45 MIN'S = 4.5# = 1.125# = 687 = LIGHT MIST 1 HR = 4.75# = 1.188# = 700 = LIGHT MIST
	01:00 - 02:00	1.00	EVALFM	SIPB	COMPZN	SHUT IN TO BUILD PRESSURE TIME = PRESSURE ISIP = 20# 15 MIN'S = 120# 30 MIN'S = 230# 45 MIN'S = 295# 1 HR = 315#

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 23 1A

Common Well Name: SAN JUAN 32 FED 23 1A

Event Name: COMPLETION

Contractor Name: KEY ENERGY SVCS

Rig Name: KEY 18

Start: 6/29/2004

Rig Release: 10/20/2004

Rig Number: 18

Spud Date: 7/12/2004

End:

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/2/2004	02:00 - 06:00	4.00	EVALFM	OTHR	COMPZN	SURGE'S # 1 - # 2 - # 3 - # 4 HYDRAULIC W / 3 GAL'S OF FOAMER AHEAD & 1 BPH WATER W / 1800 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, CUTTING OF AIR TO DROP DP PRESSURE 3 TIME'S = RELEASED SURGE'S @ 1400# TO 1500# DP PRESSURE & 1200# TO 1400# CSG PRESSURE = NO BREAKOVER POINT = RETURN'S TO SURFACE, FOAM WATER W / LIGHT COAL & FINE'S
10/3/2004	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	SURGE # 4 HYDRAULIC W / 3 GAL'S OF FOAMER AHEAD & 1 BPH WATER W / 1800 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, CUTTING OF AIR TO DROP DP PRESSURE 3 TIME'S = RELEASED SURGE'S @ 1500# DP PRESSURE & 1400# CSG PRESSURE = NO BREAKOVER POINT = RETURN'S TO SURFACE, BLACK FOAM WATER W / LIGHT COAL & FINE'S
	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	BOP DRILL = SAFETY MEETING & JSA REVIEW'S @ START OF ALL OPERATION'S
	07:30 - 08:00	0.50	EVALFM	TRIP	COMPZN	RIH FROM 7" CSG PU JT'S OF DP W / POWER SWIVEL TAG @ 3500'
	08:00 - 10:00	2.00	EVALFM	OTHR	COMPZN	R&R C/O T/3548' W / 1100 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPER, 65 TO 75 RPM'S, 1 TO 3 POINT'S ON BIT, 250# ON GAGE @ RIG FLOOR = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / 3/4 BPH WATER GAIN = 3 DOWN TO 1 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL
	10:00 - 10:30	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG LAYING DOWN JT'S OF DP W / POWER SWIVEL
	10:30 - 15:00	4.50	EVALFM	OTHR	COMPZN	SURGE'S # 5 - # 6 - # 7 HYDRAULIC W / 3 GAL'S OF FOAMER AHEAD & 1 BPM WATER, 1800 SCFM AIR, 8 BPH MIST, 1 GAL OF FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, CUTTING OFF AIR 3 TIME'S TO DROP DP PRESSURE = RELEASED SURGE'S @ 1500# DP PRESSURE = RETURN'S TO SURFACE, SURGE # 5 CLEAR FOAM WATER - SURGE # 6 BLACK FOAM WATER - SURGE # 7 HEAVY BLACK FOAM WATER W / LIGHT COAL
	15:00 - 15:30	0.50	EVALFM	TRIP	COMPZN	RIH FROM 7" CSG PU JT'S OF DP W / POWER SWIVEL TAG @ 3400'
	15:30 - 06:00	14.50	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEW'S @ START OF ALL OPERATION 'S = R&R C/O F/3400'-T/3548' W / 1100 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 2 TO 6 POINT'S ON BIT, 65 TO 75 RPM'S, 350# ON CHART @ COMPRESSOR'S & 250# ON GAGE @ RIG FLOOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 1 BPH WATER GAIN = 5 DOWN TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL
10/4/2004	06:00 - 09:30	3.50	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = R&R C/O T/3548' W / 1100 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 350# ON CHART @ COMPRESSORS & 250# ON GAGE @ RIG FLOOR, 65 TO 75 RPMS, 1 TO 3 POINTS ON BIT = RETURNS TO SURFACE, LIGHT COAL & FINES W / 1.5 BPH WATER GAIN = 2 DOWN TO 1/2 BUCKETS PER HOUR OFF SAMPLE CATCHER = 95% COAL
	09:30 - 10:00	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG LAYING DOWN JT'S OF DP W / POWER SWIVEL
	10:00 - 17:00	7.00	EVALFM	OTHR	COMPZN	SURGES # 8 - # 9 - # 10 - # 11 HYDRAULIC W / 3 GALS OF 450

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 23 1A

Common Well Name: SAN JUAN 32 FED 23 1A

Event Name: COMPLETION

Contractor Name: KEY ENERGY SVCS

Rig Name: KEY 18

Spud Date: 7/12/2004

Start: 6/29/2004

End:

Rig Release: 10/20/2004

Group:

Rig Number: 18

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/4/2004	10:00 - 17:00	7.00	EVALFM	OTHR	COMPZN	FOAMER AHEAD & 1 BPM WATER W / 1800 SCFM AIR, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, CUTTING OFF AIR 3 TO 5 TIMES TO DROP DP PRESSURE, 1450# TO 1500# DP PRESSURE & 1300# TO 1450# CSG PRESSURE BEFORE RELEASE OF SURGE = RETURNS TO SURFACE, SURGE # 8 - CLEAR FOAM WATER - SURGE # 9 BLACK FOAM WATER - SURGE # 10 BLACK FOAM WATER W / TRACE OF COAL - SURGE # 11 HEAVY BLACK FOAM WATER W / COAL & FINES
	17:00 - 17:30	0.50	EVALFM	TRIP	COMPZN	RIH FROM 7" CSG & TAG FILL @ 3318'
	17:30 - 06:00	12.50	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = R&R C/O F/3318'-T/3380' W / 1100 TO 1500 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 350# TO 450# ON CHART @ COMPRESSORS & 250# TO 350# ON GAGE @ RIG FLOOR, 65 TO 85 RPM'S, 2 TO 6 POINTS ON BIT = RETURNS TO SURFACE, HEAVY TO MED COAL & FINES W / 1 TO 2 BPH WATER GAIN = 10 DOWN TO 4 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL
10/5/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = R&R C/O F/3380'-T/3548' W / 1100 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 350# ON CHART @ COMPRESSORS & 250# ON GAGE @ RIG FLOOR, 65 TO 75 RPM'S, 1 TO 5 POINTS ON BIT = RETURNS TO SURFACE, MED TO LIGHT COAL & FINES W / 1 TO 2 BPH WATER GAIN = 7 DOWN TO 2 BUCKETS PER HOUR OFF SAMPLE CATCHER = 95% COAL
10/6/2004	06:00 - 11:00	5.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = R&R C/O T/3548' W / 1100 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 350# ON CHART @ COMPRESSORS & 250# ON GAGE @ RIG FLOOR, 65 TO 75 RPM'S, 1 TO 3 POINTS ON BIT = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / 2 BPH WATER GAIN = 3 DOWN TO 1 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% COAL
	11:00 - 11:30	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG LAYING DOWN JT'S OF DP W / POWER SWIVEL
	11:30 - 18:30	7.00	EVALFM	OTHR	COMPZN	SURGE'S # 12 - # 13 - # 14 - # 15 HYDRAULIC W / 3 GALS OF FOAMER AHEAD OF SURGE, PUMPED 1 BPM WATER, 1800 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, CUTTING OFF AIR 3 TO 5 TIME'S TO DROP DP PRESSURE, RELEASED SURGE @ 1500# DP PRESSURE & 1300# TO 1400# CSG PRESSURE = RETURNS TO SURFACE - SURGE # 12, CLEAR FOAM WATER - SURGE # 13, BLACK FOAM WATER - SURGE # 14, BLACK FOAM WATER W / LIGHT COAL - SURGE # 15, HEAVY BLACK FOAM WATER W / MED COAL & FINES
	18:30 - 06:00	11.50	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEW @ START OF ALL OPERATIONS = R&R C/O INSIDE 7" CSG F/3300'-T/3380 W / 1100 TO 1500 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 65 TO 85 RPM'S, 2 TO 6 POINTS ON BIT, 350# TO 450# ON CHART @ COMPRESSORS & 250# TO 350# ON GAGE @ RIG FLOOR = RETURNS TO SURFACE,

CONOCOPHILLIPS CO
Operations Summary Report

Page 5 of 10

Legal Well Name: SAN JUAN 32 FED 23 1A
Common Well Name: SAN JUAN 32 FED 23 1A
Event Name: COMPLETION
Contractor Name: KEY ENERGY SVCS
Rig Name: KEY 18

Start: 6/29/2004
Rig Release: 10/20/2004
Rig Number: 18
Spud Date: 7/12/2004
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/6/2004	18:30 - 06:00	11.50	EVALFM	OTHR	COMPZN	HEAVY TO MED COAL & FINES W / 2 BPH WATER GAIN = 9 DOWN TO 4 BUCKETS PER HOUR OFF SAMPLE CATCHER = 85% TO 90% COAL
10/7/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = R&R C/O F/3380'-T/3441' W / 1100 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 65 TO 85 RPMS, 1 TO 6 POINT'S ON BIT, 350# ON CHART @ COMPRESSORS & 250# ON GAGE @ RIG FLOOR = RETURNS TO SURFACE, MED TO LIGHT COAL & FINES W / 2 TO 3 BPH WATER GAIN = 7 DOWN TO 3 BUCKETS PER HOUR OFF SAMPLE CATCHER = 85% TO 90% COAL
10/8/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = R&R C/O F/3441'-T/3548' W / 1100 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 65 TO 85 RPM'S, 1 TO 6 POINTS ON BIT, 350# ON CHART @ COMPRESSORS & 250# ON GAGE @ RIG FLOOR = RETURNS TO SURFACE, HEAVY TO MED COAL & FINES W / 2 TO 3 BPH WATER GAIN = 10 DOWN TO 3 BUCKETS PER HOUR OFF SAMPLE CATCHER = 85% TO 90% COAL
10/9/2004	06:00 - 17:00	11.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEW'S @ START OF ALL OPERATION'S = R&R C/O T/3548' W / 1100 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 65 TO 85 RPM'S, 1 TO 6 POINT'S ON BIT, 350# ON CHART @ COMPRESSOR'S & 250# ON GAGE @ RIG FLOOR = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 3 TO 4 BPH WATER GAIN = 7 DOWN TO 1 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 85% TO 90% COAL = NOT ABLE TO DRY UP WELL FOR TEST
	17:00 - 17:30	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG LAYING DOWN JT'S OF DP W / POWER SWIVEL
	17:30 - 18:30	1.00	EVALFM	PRDT	COMPZN	2" OPEN FLOW TEST W / PITOT TUBE TIME = MANIFOLD = PITOT = MCFD = WATER 15 MIN'S = 15# = 3.750# = 1191 = MED MIST 30 MIN'S = 18# = 4.500# = 1304 = HEAVY MIST 45 MIN'S = 20# = 5.000# = 1374 = HEAVY MIST 1 HR = 20# = 5.000# = 1374 = HEAVY MIST
	18:30 - 19:30	1.00	EVALFM	SIPB	COMPZN	SHUT IN TO BUILD UP PRESSURE TIME = PRESSURE ISIP = 30# 15 MIN'S = 150# 30 MIN'S = 230# 45 MIN'S = 300# 1 HR = 325#
	19:30 - 01:00	5.50	EVALFM	OTHR	COMPZN	SURGE'S # 16 - # 17 - # 18 HYDRAULIC @ 1500# DP PRESSURE & 1300# CSG PRESSURE W / 3 GAL'S OF 450 FOAMER AHEAD & 1 BPM WATER W / 1800 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, CUTTING OFF AIR 3 TO 4 TIME'S TO DROP DP PRESSURE & BUILD UP CSG PRESSURE = RETURN'S TO SURFACE - SURGE # 16 CLEAR FOAM WATER - SURGE # 17 BLACK FOAM WATER & LIGHT COAL - SURGE #18 HEAVY BLACK FOAM WATER W / MED COAL
	01:00 - 06:00	5.00	EVALFM	CIRC	COMPZN	LOST BIG 1350 AIR COMPRESSOR ON SURGE # 18 = NOT ABLE

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 23 1A

Common Well Name: SAN JUAN 32 FED 23 1A

Event Name: COMPLETION

Contractor Name: KEY ENERGY SVCS

Rig Name: KEY 18

Start: 6/29/2004

Rig Release: 10/20/2004

Rig Number: 18

Spud Date: 7/12/2004

End:

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/9/2004	01:00 - 06:00	5.00	EVALFM	CIRC	COMPZN	TO CLEAN HOLE W / SMALL 900 AIR COMPRESSOR = CIRC W / SMALL AIR COMPRESSOR INSIDE 7" CSG @ 3290' TO CLEAN UP 7" CSG WAITING ON COMPRESSOR & C/O COMPRESSOR BEFORE CLEANING OUT OPEN HOLE
10/10/2004	06:00 - 07:30	1.50	EVALFM	CIRC	COMPZN	SAFETY MEETING & JSA REVIEW'S @ START OF ALL OPERATION'S = CIRC INSIDE 7" CSG @ 3290' WHILE C/O AIR COMPRESSOR
	07:30 - 08:00	0.50	EVALFM	SFTY	COMPZN	BOP & FIRE DRILL
	08:00 - 06:00	22.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEW'S @ START OF ALL OPERATION'S = R&R C/O F/3310'-T/3411' W / 1100 TO 1500 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 350# TO 450# ON CHART @ COMPRESSOR'S & 250# TO 350# ON GAGE @ RIG FLOOR, 2 TO 6 POINT'S ON BIT, 65 TO 85 RPM'S = RETURN'S TO SURFACE, HEAVY TO MED COAL & FINE'S W / 3 TO 4 BPH WATER GAIN = 10 DOWN TO 4 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 85% TO 90% COAL
10/11/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = R&R C/O F/3411'-T/3471' W / 1100 TO 1500 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 350# TO 450# ON CHART @ COMPRESSORS & 250# TO 350# ON GAGE @ RIG FLOOR, 2 TO 6 POINTS ON BIT, 65 TO 85 RPM'S = RETURNS TO SURFACE, HEAVY TO MED COAL & FINES W / 3 TO 4 BPH WATER GAIN = 12 DOWN TO 5 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 85% TO 90% COAL
10/12/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = R&R C/O F/3471'-T/3548' W / 1100 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 350# ON CHART @ COMPRESSORS & 250# ON GAGE @ RIG FLOOR, 2 TO 6 POINTS ON BIT, 65 TO 85 RPM'S = RETURNS TO SURFACE, HEAVY TO MED COAL & FINES W / 3 TO 4 BPH WATER GAIN = 10 DOWN TO 4 BUCKETS PER HOUR OFF SAMPLE CATCHER = 85% TO 90% COAL
10/13/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEW'S @ START OF ALL OPERATION'S = R&R C/O T/3548' W / 1100 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 350# ON CHART @ COMPRESSOR'S & 250# ON GAGE @ RIG FLOOR, 2 TO 4 POINT'S ON BIT, 65 TO 75 RPM'S = RETURN'S TO SURFACE, MED COAL TO LIGHT COAL & FINE'S W / 3 TO 4 BPH WATER GAIN = 5 DOWN TO 1 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 85% TO 90% COAL
10/14/2004	06:00 - 06:30	0.50	EVALFM	TRIP	COMPZN	SAFETY MEETING & JSA REVIEW'S @ START OF ALL OPERATION'S = PUH INSIDE 7" CSG LAYING DOWN JT'S OF DP W / POWER SWIVEL
	06:30 - 07:30	1.00	EVALFM	PRDT	COMPZN	2" OPEN FLOW TEST W / PITOT TUBE TIME = MANIFOLD = PITOT = MCFD = WATER 15 MIN'S = 32# = 8.0# = 1756 = LIGHT MIST 30 MIN'S = 38# = 9.5# = 1917 = MED MIST 45 MIN'S = 40# = 10.0# = 1948 = HEAVY MIST 1 HR = 40# = 10.0# = 1948 = HEAVY MIST
	07:30 - 08:30	1.00	EVALFM	SIPB	COMPZN	SHUT IN BUILD UP PRESSURE TIME = PRESSURE

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 23 1A

Common Well Name: SAN JUAN 32 FED 23 1A

Event Name: COMPLETION

Contractor Name: KEY ENERGY SVCS

Rig Name: KEY 18

Start: 6/29/2004

Rig Release: 10/20/2004

Rig Number: 18

Spud Date: 7/12/2004

End:

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/14/2004	07:30 - 08:30	1.00	EVALFM	SIPB	COMPZN	ISIP = 50# 15 MIN'S = 200# 30 MIN'S = 315# 45 MIN'S = 340# 1 HR = 350#
	08:30 - 01:00	16.50	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEW'S @ START OF ALL OPERATION'S = SURGE'S # 19 THRU # 29 NATURAL @ 350# TO 380# SHUT IN CSG PRESSURE = RETURN'S TO SURFACE, LIGHT TO MED COAL
	01:00 - 01:30	0.50	EVALFM	TRIP	COMPZN	RIH FROM 7" CSG PU JT'S OF DP W / POWER SWIVEL TAG @ 3360'
	01:30 - 06:00	4.50	EVALFM	OTHR	COMPZN	R&R C/O F/3360'-T/3380' W / 1100 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 65 TO 85 RPM'S, 2 TO 6 POINT'S ON BIT, 350# ON CHART @ COMPRESSOR'S & 250# ON GAGE @ RIG FLOOR = RETURN'S TO SURFACE, MED COAL & FINE'S W / 3 TO 4 BPH WATER GAIN = 7 DOWN TO 5 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 85% TO 90% COAL
10/15/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = R&R C/O F/3380'-T/3411' W / 1100 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 350# ON CHART @ COMPRESSORS & 250# ON GAGE @ RIG FLOOR, 2 TO 6 POINTS ON BIT, 65 TO 85 RPMS = RETURNS TO SURFACE, HEAVY TO MED COAL & FINES W / 3 TO 4 BPH WATER GAIN = 12 DOWN TO 4 BUCKETS PER HOUR OFF SAMPLE CATCHER = 85% TO 90% COAL
10/16/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEW'S @ START OF ALL OPERATION'S = R&R C/O F/3411'-T/3626' W / 1100 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 350# ON CHART @ COMPRESSOR'S & 250# ON GAGE @ RIG FLOOR, 2 TO 6 POINT'S ON BIT, 65 TO 85 RPM'S = RETURN'S TO SURFACE, MED COAL & FINE'S W / 3 TO 4 BPH WATER GAIN = 8 DOWN TO 3 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 80% COAL
10/17/2004	06:00 - 14:00	8.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEW'S @ START OF ALL OPERATION'S = R&R C/O & CONDITION HOLE T/3630' TD W / 1100 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1 GAL OF POLYMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 350# ON CHART @ COMPRESSOR'S & 250# ON GAGE @ RIG FLOOR, 1 TO 3 POINT'S ON BIT, 75 RPM'S = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / 3 TO 4 BPH WATER GAIN = 3 DOWN TO 1 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 80% COAL
	14:00 - 14:30	0.50	EVALFM	TRIP	COMPZN	SHORT TRIP = PUH INSIDE 7" CSG LAYING DOWN JT'S OF DP W / POWER SWIVEL
	14:30 - 15:00	0.50	EVALFM	SFTY	COMPZN	BOP & FIRE DRILL = SAFETY MEETING & JSA REVIEW'S @ START OF ALL OPERATION'S
	15:00 - 16:00	1.00	EVALFM	OWFF	COMPZN	FLOW WELL NATURAL BLOOE LINE'S TO CHECK HOLE CONDITION'S
	16:00 - 06:00	14.00	EVALFM	OTHR	COMPZN	R&R C/O & CONDITION HOLE FROM F/3380'-T/3630' TD W / 1100 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1 GAL OF POLYMER, 1/4 GAL OF CORROSION PER 10 BBL'S OF FLUID PUMPED, 350# ON CHART @ COMPRESSOR'S & 250# ON GAGE @ RIG FLOOR, 65 TO 75 RPM'S, 1 TO 4 POINT'S ON BIT = RETURN'S

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 23 1A

Common Well Name: SAN JUAN 32 FED 23 1A

Event Name: COMPLETION

Contractor Name: KEY ENERGY SVCS

Rig Name: KEY 18

Spud Date: 7/12/2004

Start: 6/29/2004

End:

Rig Release: 10/20/2004

Group:

Rig Number: 18

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/17/2004	16:00 - 06:00	14.00	EVALFM	OTHR	COMPZN	TO SURFACE, MED TO LIGHT COAL & FINE'S W / 3 TO 4 BPH WATER GAIN = 80% COAL = ATTENTION - WORKING TIGHT SPOT'S @ 3380', 3534' & 3542'
10/18/2004	06:00 - 07:30	1.50	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = R&R C/O & CONDITION HOLE T/3630' TD W / 1100 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1 GAL OF POLYMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 350# ON CHART @ COMPRESSORS & 250# ON GAGE @ RIG FLOOR, 1 TO 3 POINTS ON BIT, 65 RPM'S = RETURNS TO SURFACE, LIGHT COAL & FINE'S W / 3 TO 4 BPH WATER GAIN = 1 BUCKET PER HOUR OFF SAMPLE CATCHER = 80% COAL
	07:30 - 08:00	0.50	EVALFM	TRIP	COMPZN	SHORT TRIP = PUH INSIDE 7" CSG LAYING DOWN JT'S OF DP W / POWER SWIVEL
	08:00 - 09:30	1.50	EVALFM	OWFF	COMPZN	FLOW WELL NATURAL BLOOIE LINE'S TO CHECK HOLE CONDITIONS
	09:30 - 06:00	20.50	EVALFM	OTHR	COMPZN	R&R C/O & CONDITION HOLE T/3630' TD W / 1100 SCFM AIR, 8 BPH MIST, 1 TO 3 GAL'S OF 450 FOAMER, 2 GAL'S OF POLYMER, 1/4 GAL OF CORROSION PER 10 BBL'S OF FLUID PUMPED, 350# ON CHART @ COMPRESSORS & 250# ON GAGE @ RIG FLOOR, 65 TO 75 RPM'S, 1 TO 4 POINT'S ON BIT = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINES W / 3 TO 4 BPH WATER GAIN = 4 DOWN TO 1 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 80% COAL
10/19/2004	06:00 - 06:30	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG LAYING DOWN JT'S OF DP W / POWER SWIVEL
	06:30 - 07:00	0.50	EVALFM	RURD	COMPZN	HANG BACK POWER SWIVEL & TIE BACK ON TWO LINES
	07:00 - 07:15	0.25	EVALFM	SFTY	COMPZN	
	07:15 - 08:45	1.50	EVALFM	TRIP	COMPZN	COOH W / DP, DC'S & BHA
	08:45 - 09:30	0.75	CASING	RURD	PROD1	RU 5 1/2" RAM'S & EQUIPMENT
	09:30 - 09:45	0.25	CASING	SFEQ	PROD1	
	09:45 - 10:00	0.25	RPCOMP	SFTY	PROD1	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS
	10:00 - 12:30	2.50	CASING	TRIP	PROD1	RIH PU & MU 6 1/4" BIT, BIT SUB, 8 JT'S OF 5 1/2" CSG, H-LATCH COLLAR, SETTING TOOL'S & DP TO 3300'
	12:30 - 13:00	0.50	CASING	PULD	PROD1	TIE BACK ON ONE LINE & PU POWER SWIVEL
	13:00 - 13:30	0.50	CASING	CIRC	PROD1	BREAK CIRC W / AIR ASSIST
	13:30 - 14:30	1.00	CASING	OTHR	PROD1	WORKING LINER TO TD @ 3630' W / AIR ASSIST = WELLBORE IN GOOD SHAPE HAD ONE TIGHT SPOT @ 3380' & 4 FT OF FILL ON BOTTOM OF RAT HOLE
	14:30 - 14:45	0.25	CASING	OTHR	PROD1	RELEASED OFF H-LATCH COLLAR W / 5 1/2" LINER SET AS FOLLOW'S
						6 1/4" BIT SET @ 3630'
						5 1/2" CSG SET @ 3628' PBD
						BOTTOM OF H-LATCH COLLAR SET @ 3279'
						TOP OF H-LATCH COLLAR SET @ 3276'
						OVERLAP OF 7" CSG @ 38 FT
						TOTAL OF 8 JT'S OF 5 1/2" 349'.37" J-55 15.50# LT&C CSG
	14:45 - 15:15	0.50	CASING	CIRC	PROD1	PU 3 FT & CIRC OFF TOP OF H-LATCH COLLAR TO CLEAN UP 7" CSG
	15:15 - 15:45	0.50	CASING	RURD	PROD1	RD POWER SWIVEL & TIE BACK ON TWO LINE'S
	15:45 - 18:30	2.75	CASING	PULD	PROD1	COOH LAYING DOWN DP, DC'S & SETTING TOOL
	18:30 - 19:00	0.50	CASING	OTHR	PROD1	SECURED WELL & LOCATION = S.D.O.N.
10/20/2004	07:00 - 07:15	0.25	PERFOP	SFTY	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS
	07:15 - 07:30	0.25	PERFOP	RURD	COMPZN	HAD 500# ON CSG FOR 12 HOUR'S = RU BLUE JET PERFORATING EQUIPMENT

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 23 1A
 Common Well Name: SAN JUAN 32 FED 23 1A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY 18

Start: 6/29/2004
 Rig Release: 10/20/2004
 Rig Number: 18

Spud Date: 7/12/2004
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/20/2004	07:30 - 08:00	0.50	PERFOP	PRDT	COMPZN	TEST PERFORATING LUBRICATOR TO 500# FOR 20 MIN'S = GOOD TEST
	08:00 - 09:00	1.00	PERFOP	PERF	COMPZN	RIH & PERFORATED 5 1/2" LINER W / 3 1/8" CSG GUN'S, 0.75" DIA HOLE'S, 4 SPF, 120 DEGREE PHASING AS FOLLOW'S 3536'-43' = 7 FT = 28 HOLE'S 3526'-32' = 6 FT = 24 HOLE'S 3492'-98' = 6 FT = 24 HOLE'S 3388'-99' = 11 FT = 44 HOLE'S 3370'-79' = 9 FT = 36 HOLE'S 3358'-64' = 6 FT = 24 HOLE'S 3350'-53' = 3 FT = 12 HOLE'S NET TOTAL = 48 FT = 192 HOLE'S
	09:00 - 09:15	0.25	PERFOP	RURD	COMPZN	RD BLUE JET PERFORATING EQUIPMENT = ATTENTION - TAGGED FILL OR BRIDGE @ 3590' W / FIRST & LAST GUN RUN = NEED TO MAKE C/O RUN ON LINER
	09:15 - 09:30	0.25	EVALFM	SFTY	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS
	09:30 - 10:00	0.50	EVALFM	RURD	COMPZN	RU 2 3/8" RAMS & EQUIPMENT
	10:00 - 10:45	0.75	EVALFM	PRTS	COMPZN	TEST PIPE RAMS = 250# 10 MIN'S & 1800# 10 MIN'S = GOOD TEST
						ATTENTION FINAL FLOW TEST 2" OPEN FLOW TEST W / PITOT TUBE TIME = MANIFOLD = PITOT = MCFD = WATER 2 HR'S = 100# = 25# = 3311 = MED MIST
	10:45 - 12:45	2.00	EVALFM	PULD	COMPZN	GIH W / SAW TOOTH COLLAR PU 2 3/8" TUBING OFF PIPE RACK TO C/O TO PBTD @ 3628' = TAGGED @ 3590'
	12:45 - 13:45	1.00	EVALFM	OTHR	COMPZN	C/O F/3590'-T/3616' W / AIR ASSIST = ATTENTION TAGGING TOP OF H-LATCH COLLAR & TUBING COLLAR'S TAGGING GOING THROUGH, SEEMS A BIT OFF CENTER ALSO NOT ABLE TO GET PAST 3616' W / SAW TOOTH COLLAR
	13:45 - 14:30	0.75	EVALFM	TRIP	COMPZN	COOH W / 2 3/8" TUBING & SAW TOOTH COLLAR
	14:30 - 15:15	0.75	EVALFM	TRIP	COMPZN	RIH W / PUMPING BHA & TUBING = ATTENTION SAME AS ABOVE TAGGING W / TUBING COLLARS TOP OF H-LATCH COLLAR
	15:15 - 15:30	0.25	EVALFM	OTHR	COMPZN	LAND HANGER W / PRODUCTION TUBING SET AS FOLLOW'S 2 7/8" EUE 8RD MUD ANCHOR SET @ E.O.T. 3604'.88" 2 7/8" X 2 3/8" X/O SET @ 3574'.28" 2 3/8" EXP CHECK SET @ 3573'.83" 2 3/8" 1.78" FN SET @ 3573'.12" 113 JT'S OF 2 3/8" TUBING SET @ 3572'.28" TO HANGER @ SURFACE
	15:30 - 18:30	3.00	EVALFM	NUND	COMPZN	TOTAL OF 113 JT'S OF 2 3/8" EUE 8RD J-55 4.7# TUBING IN WELL W / 1 JT OF 2 7/8" EUE 8RD J-55 6.5# MUD ANCHOR W / SLOT'S CUT 2' DOWN FROM UPSET @ TOP OF JOINT PLUS X/O, CK & FN RD RIG FLOOR & LINE'S = ND BOPS & HCR VALVE'S = NU PUMPING WELLHEAD
	18:30 - 19:00	0.50	EVALFM	OTHR	COMPZN	DRAINED PUMP & LINES = SECURED WELL & LOCATION = S.D.O.N.
10/21/2004	07:00 - 07:30	0.50	RPCOMP	SFTY	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS
	07:30 - 08:00	0.50	RPCOMP	OWFF	COMPZN	BLOW DOWN WELL FINAL SHUT IN PRESSURE 12 HOUR'S = 500#
	08:00 - 09:30	1.50	RPCOMP	RURD	COMPZN	RU 3/4" ROD EQUIPMENT & SPOT IN FLOAT W / RODS & BHA
	09:30 - 11:30	2.00	RPCOMP	PULD	COMPZN	GIH PU PUMP, SINKER BAR'S & RODS OFF FLOAT
	11:30 - 12:00	0.50	RPCOMP	PRDT	COMPZN	SPACE OUT RODS = TEST PUMP & TUBING TO 500# FOR 15

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 23 1A

Common Well Name: SAN JUAN 32 FED 23 1A

Event Name: COMPLETION

Contractor Name: KEY ENERGY SVCS

Rig Name: KEY 18

Start: 6/29/2004

Rig Release: 10/20/2004

Rig Number: 18

Spud Date: 7/12/2004

End:

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/21/2004	11:30 - 12:00	0.50	RPCOMP	PRDT	COMPZN	MINS = GOOD TEST = BLED OFF PRESSURE & STROKED PUMP UP W / RIG BLOCK'S TO 500# FOR 15 MINS = GOOD TEST
	12:00 - 12:30	0.50	RPCOMP	HOSO	COMPZN	SPACE OUT & HANG OFF ON STUFFEN BOX = RAN H.F. PUMP BY ENERGY PUMP & SUPPLY 2" X 1 1/4" X 12'6" RHAC-ZDV, PUMP NO #
						COPC-175 W / 1' STRAINER NIPPLE, 3-25' SINKER BAR'S, 139-3/4" PLAIN RODS, 1-8' & 1-4' 3/4" PLAIN PONY ROD'S UNDER 1 1/4" X 22' POLISH ROD
	12:30 - 17:00	4.50	MOVE	RURD	DEMOB	RIG DOWN RIG & EQUIPMENT
	17:00 - 18:30	1.50	MOVE	DMOB	DEMOB	INSPECTION OF RIG DERRICK & CROWN
	18:30 - 19:00	0.50	MOVE	DMOB	DEMOB	SECURED WELL & LOCATION = S.D.O.N. = RELEASED RIG & EQUIPMENT ON 10 / 20 / 2004 @ 19:00 PM = RELEASE WELL TO PRODUCTION DEPT. TO PRODUCE BASIN FRUITLAND COAL INTERVAL