

Form Approved
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other _____

2. Name of Operator
ConocoPhillips Company

3. Address
5525 Highway 64 Farmington NM 87401

4. Location of Well (Report location clearly and in accordance with Federal requirements)

At Surface NW SE 1940 FSL 1535 FEL SEC 24 T32N R5W

At top prod. interval reported below

At total depth

14. Date Spudded
07/17/2004

15. Date T.D. Reached
09/24/2004

16. Date Completed
☐ D & A ☒ Ready to Prod.
10/13/2004

18. Total Depth: MD 3703
TVD 3703

19. Plug Back T.D.: MD 3701
TVD 3701

20. Depth Bridge Plug Set: MD
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
Mud Logs

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit copy)

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
12.25	9.625	32.3	0	234		150		0	15 bbls
8.75	7.0 J-55	20.0	0	3350		555			10 bbls
6.25	5.5 J-55	15.5	3293	3703		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	3698							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Fruitland Coal	3390	3631	3390-3631	.75	268	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
	Underreamed 6.25" hole to 9.5" from 3356' to 3703'. Cavitated well.

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
10/13/04	10/12/04	1	→	0	2500	1			Gas Pumping Unit

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status
2" Pitot	n/a	16	→					Gas Well Shut-in

Production - Interval B

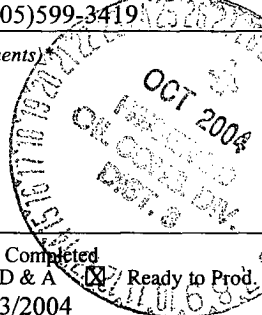
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status
			→					

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

RECEIVED

3. Phone No. (Include area code)
(505)599-3419



5. Lease Serial No.
SF079329

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.

SAN JUAN 32 FEDERAL 24 1A

9. API Well No.
30-045-32397

10. Field and Pool, or Exploratory
BASIN FRUITLAND COAL

11. Sec., T., R., M., on Block and
Survey or Area J Sec: 24 Twn: 32N

12. County or Parish
SAN JUAN

13. State
NM

17. Elevations (DF, RKB, RT, GL)*
6761 GL

ACCEPTED FOR RECORD

OCT 26 2004

FARMINGTON FIELD OFFICE
BY 96

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 or 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
Nacimiento	833				
Ojo Alamo	2223				
Kirtland	2283				
Fruitland	3143				

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.

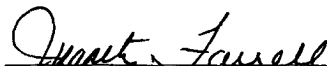
33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geological 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)*

Name (please print) Juanita FarrellTitle Regulatory Analyst

Signature

Date 10/19/2004

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

END OF WELL SCHEMATIC

Well Name: San Juan 32 Fed 24 # 1A
 API #: 30-045-32397
 Location: 1940' FSL & 1535' FEL
Sec. 24 - T32N - R9W
San Juan County, NM
 Elevation: 6761' GL (above MSL)
 Drl Rig RKB: 13' above Ground Level
 Datum: Drl Rig RKB = 13' above GL

Spud: 17-Jul-04
 Release Drl Rig: 21-Jul-04
 Move In Cav Rig: 21-Sep-04
 Date TD Reached: 23-Sep-04
 Release Cav Rig: 12-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 Casing Date set: 17-Jul-04
 Size 9 5/8 in
 Set at 234 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 234 ft
 TD of 12-1/4" hole 244 ft

Notified BLM @ 12:48 hrs on 16-Jul-04
 Notified NMOCD @ 12:52 hrs on 16-Jul-04

Intermediate Casing Date set: 21-Jul-04
 Size 7 in 79 jts
 Set at 3350 ft 0 pups
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in Conn STC
 Excess Cmt 160 %
 T.O.C. SURFACE
 Pup @ ft
 Pup @ ft

Top of Float Collar 3304 ft
 Bottom of Casing Shoe 3350 ft
 TD of 8-3/4" Hole 3356 ft

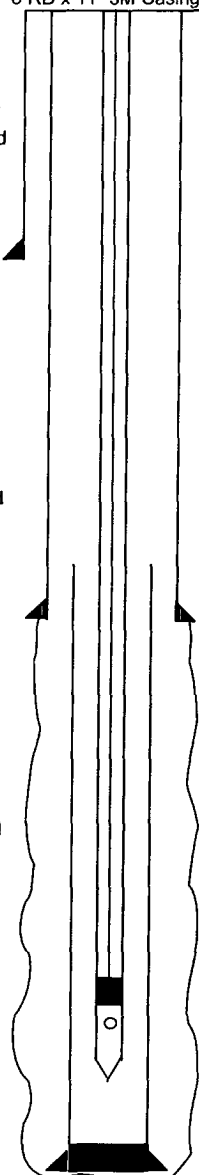
Notified BLM @ 15:01 hrs on 19-Jul-04
 Notified NMOCD @ 15:04 hrs on 19-Jul-04

Production Liner Date set: 10-Oct-04
 Size 5 1/2 in
 Nominal Wt. 15.5 ppf
 Grade J-55 Connections: LTC
 # Jnts: 9
 Hole Size 6.25 / 9.5 inches
 Underreamed 6-1/4" hole to 9.5" from 3356' to 3703'
 Top of Liner 3293 ft
 PBTD 3701 ft
 Bottom of Liner 3703 ft

☒ New
☐ Used

☒ New
☐ Used

☒ New
☐ Used



TD 3,703 ft

Surface Cement

Date cmt'd: 17-Jul-04
 Lead : 150 sx Class G Cement
+ 2% BWOC S001 CaCl2
+ 0.25 lb/sx D029 Cellophane Flakes
1.16 cuft/sx, 174 cuft slurry at 15.8 ppg
 Displacement: 15.2 bbls fresh wtr
 Bumped Plug at: 21:35 hrs w/ 270 psi
 Final Circ Press: 120 psi @ 0.5 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 hrs 25 min (plug bump to test csg)

Intermediate Cement

Date cmt'd: 21-Jul-04
 Lead : 445 sx Class G Cement
+ 3% D079 Extender
+ 0.25 lb/sx D029 Cellophane Flakes
+ 0.2% D046 Antifoam
2.61cuft/sx, 1161.5 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: 134 bbls
 Bumped Plug at: 01:45 hrs w/ 1200 psi
 Final Circ Press: 760 psi @ 3.9 bpm
 Returns during job: YES
 CMT Returns to surface: 10 bbls
 Floats Held: X Yes No

UNCEMENTED LINER

Schematic prepared by:
 Steven O. Moore, Drilling Engineer
 18-Oct-2004

This well was cavitated.

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 @ 190'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 224', 146', 103', & 59'. Total: 4
7" Intermediate	DISPLACED W/20 BBLs. FRESH WATER & 114 BBLs. SLIGHTLY POLYMERIZED 8.4 PPG DRILLING MUD. CENTRALIZERS @ 3340', 3263', 3176', 3090', 3005', 2919', 205', 79', & 37'. TURBOLIZERS @ 2315', & 2272'. 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: 3390'-3394', 3401'-3412', 3437'-3450', 3458'-3468', 3500'-3504', 3531'-3534', 3537'-3543', 3547'-3552', 3555'-3560', 3570'-3576', 3628'-3631'. TOTAL SHOTS = 280.
Tubing	30.68' 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" OD (1.78" ID) F-Nipple, 116 jts 2-3/8" 4.7# J-55 EUE 8rd tubing. Bottom of Mud Anchor at 3698'. F-Nipple at 3666' 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 143 ea 3/4" OD rods, spaced out with 1 ea 4' & 1 ea 8' x 3/4" OD pony rods & 1 ea 1-1/4" OD x 22' polished rod Set pump in F-Nipple at 3666' MD RKB

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 24 1A
 Common Well Name: SAN JUAN 32 FED 24 1A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY 29

Start: 9/21/2004 Spud Date: 7/17/2004
 Rig Release: End:
 Rig Number: 29 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/22/2004	07:00 - 08:00	1.00	MOVE	SFTY	MIRU	PRE MOVE SAFETY MEETING W/ ALL PERSONNEL.
	08:00 - 14:00	6.00	MOVE	MOB	MIRU	MOVE KEY #29 TO SJ 32 FED 24 #1A LOCATION.
	14:00 - 17:00	3.00	MOVE	RURD	MIRU	BEGIN RIGGING UP RIG. SDFD.
9/23/2004	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	SAFETY MEETING.
	07:30 - 12:00	4.50	EVALFM	RURD	COMPZN	FINISH RIGGING UP SURFACE EQUIPMENT.
	12:00 - 13:30	1.50	EVALFM	PRTS	COMPZN	PRESSURE TEST BLIND RAMS & 7" CSG TO 300PSI- 10MIN & 1800PSI- 30MIN. CHART AS PER CONOCO- PHILLIPS REQUIREMENTS. PRESSURE TEST PIPE RAMS TO 300PSI- 10MIN & 1800PSI- 10MIN. ALL TESTS HELD OK.
	13:30 - 14:30	1.00	EVALFM	OTHR	COMPZN	CONDUCT RIG INSPECTION.
	14:30 - 17:00	2.50	EVALFM	PULD	COMPZN	PU 6 1/4" RR BUTTON BIT(#1), BIT SUB W/ FLOAT & 12 - 3 1/2" DCS. TIH PICKING UP 87- JTS OF 2 7/8" DP TO 3200'. SDFD.
9/24/2004	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	SAFETY MEETING.
	07:30 - 08:30	1.00	DRILL	CIRC	COMPZN	UNLOAD CSG W/ 1500CFM AIR- MIST @ 3200'.
	08:30 - 08:45	0.25	DRILL	PULD	COMPZN	TIH PICKING UP 3-JTS OF 2 7/8" DP. TAG CMT FILL @ 3291'.
	08:45 - 10:00	1.25	DRILL	DRLG	COMPZN	DRILL OUT CEMENT, FLOAT COLLAR & 7" SHOE JT TO 3350' W/ 1500CFM AIR- MIST.
	10:00 - 17:00	7.00	DRILL	DRLG	COMPZN	DRILL 6 1/4" OPEN HOLE FR 3352'- 3703'(351') W/ 1500CFM AIR, 06 BPH MIST W/1 GAL 450 FOAMER+ 1/4 GAL INHIBITOR PR/ 10 BBLS OF PRODUCED H2O. WOB- 6K TURNING 100RPMs. CIRCULATING PRESSURE- 400PSI. COMPRESSOR RPMS-1700, DISCHARGE PRESSURE- 400PSI & SUCTION PRESSURE- 220PSI. GOOD SAMPLE RETURNS TO SURFACE.
	17:00 - 00:30	7.50	EVALFM	CIRC	COMPZN	CIRCULATE & CONDITION HOLE @ TD(3703'). EVALUATE THE FRUITLAND COALS FROM THE MUD LOG AS FOLLOWS: 3402'-04' & 3405'- 13': MOSTLY FLAT BLACK COAL W/ BRT STREAKS. GOOD INTERSECTING CLEATS. 957 UNITS OF GAS. 3438'- 52': MOSTLY FLAT BLK TO INTERMEDIATE SATIN COAL. GOOD CLEAT DEVELOPMENT. 1005 UNITS OF GAS. 3458'- 68': SAME AS ABOVE. 3536'- 43': MOSTLY FLAT BLACK COAL TO INTERMEDIATE SATIN COAL W/ FAIR- GOOD CLEATING. 1111 UNITS OF GAS. 3548'- 52', 3553'- 58', 3559'- 60': VARIES FR FLAT BLK TO SEMI BRT SATIN COAL. FAIR CLEATING. 1117 UNITS OF GAS. 3570'- 74' & 3629'- 30': INTERMEDIATE SATIN TO BRT BLK COAL. FAIR- GOOD CLEATING. 1117 UNITS OF GAS. TOTAL COAL- 56'. ESTIMATED H2O PRODUCTION FR DRILL OUT - 15 TO 20BBLS PR/ DAY. SHUT OFF MIST & DRY WELL UP LAST 45MIN.
	00:30 - 01:00	0.50	EVALFM	PULD	COMPZN	PULL UP INSIDE 7" CSG LAYING DN 13-JTS OF 2 7/8" DP.
	01:00 - 02:00	1.00	EVALFM	PRDT	COMPZN	CONDUCT FLOW TEST THROUGH 2" CHOKE MANIFOLD USING PITOT READINGS. INITIAL FLOW - MANIFOLD 8PSI. PITOT 2PSI(869MCFD) 15MIN FLOW - MANIFOLD 24PSI. PITOT 6PSI(1.52MMCFD) LT MIST 30MIN FLOW - MANIFOLD 28PSI. PITOT 7PSI(1.64MMCFD) LT MIST 45MIN FLOW - MANIFOLD 28PSI. PITOT 7PSI(1.64MMCFD) MOD MIST. 60MIN FLOW - MANIFOLD 28PSI. PITOT 7PSI(1.64MMCFD) MOD MIST.
	02:00 - 04:00	2.00	EVALFM	SIPB	COMPZN	SI FOR 120MIN INITIAL BUILD UP. INITIAL SI - 40PSI 15MIN SI - 400PSI 30MIN SI - 430PSI 45MIN SI - 450PSI

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 24 1A
 Common Well Name: SAN JUAN 32 FED 24 1A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY 29

Start: 9/21/2004
 Rig Release: 9/21/2004
 Rig Number: 29
 Spud Date: 7/17/2004
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/24/2004	02:00 - 04:00	2.00	EVALFM	SIPB	COMPZN	60MIN SI - 460PSI 120MIN SI - 465PSI.
	04:00 - 06:00	2.00	EVALFM	TRIP	COMPZN	RELEASE SI PRESSURE AS A NATURAL SURGE. POOH W/ 6 1/4" DRLG ASSEMBLY.
9/25/2004	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	MU 5 3/4" x 9 1/2" LOCKOMATIC UNDER REAMER & 4 3/4" SHOCK SUB ON BOTTOM OF 1- 3 1/2" DC. TIH W/ 11 ADDITIONAL DCS. CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	TIH TO 3356'.
	07:30 - 08:15	0.75	EVALFM	TRIP	COMPZN	
	08:15 - 15:00	6.75	EVALFM	REAM	COMPZN	BREAK CIRCULATION W/ 1600CFM AIR, 10 BPH MIST. CIRCULATING PRESSURE- 760PSI. OPEN ARMS & UNDER REAM 6 1/4" HOLE OUT TO 9 1/2" FR 3356'- 3703'. MAINTAINED GOOD CIRCULATION & RETURNS THROUGHOUT UNDER REAMING.
	15:00 - 16:00	1.00	EVALFM	CIRC	COMPZN	CIRCULATE & CONDITION HOLE @ TD(3703').
	16:00 - 16:30	0.50	EVALFM	PULD	COMPZN	PULL UP INSIDE 7" CSG LAYING DN 12-JTS OF 2 7/8" DP.
	16:30 - 17:30	1.00	EVALFM	PRDT	COMPZN	CONDUCT FLOW TEST THROUGH 2" CHOKE MANIFOLD USING PITOT READINGS.
						INITIAL FLOW - MANIFOLD- 8PSI, PITOT 2PSI(868MCFD) 15MIN FLOW - MANIFOLD- 40PSI, PITOT 10PSI(1.95MMCFD) 30MIN FLOW - MANIFOLD- 40PSI, PITOT 10PSI(1.95MMCFD) LT MIST 45MIN FLOW - MANIFOLD- 40PSI, PITOT 10PSI(1.95MMCFD) LT MIST 60MIN FLOW - MANIFOLD- 40PSI, PITOT 10PSI(1.95MMCFD) LT MIST
	17:30 - 18:30	1.00	EVALFM	SIPB	COMPZN	SI FOR 60MIN BUILD UP. INITIAL SI - 80PSI 15MIN SI - 300PSI 30MIN SI - 400PSI 45MIN SI - 415PSI 60MIN SI - 420PSI
	18:30 - 20:00	1.50	EVALFM	TRIP	COMPZN	RELEASE PRESSURE AS A NATURAL SURGE. POOH & LD UNDER REAMER.
	20:00 - 22:00	2.00	EVALFM	TRIP	COMPZN	TIH W/ 6 1/4" DRLG ASSEMBLY TO 3700'. PULL UP INSIDE 7" CSG LAYING DN 12-JTS OF DP.
	22:00 - 04:00	6.00	EVALFM	OTHR	COMPZN	PERFORM AIR ASSIST HYDRAULIC SURGES #1 & #2 AS PER PROCEDURE PRESSURING UP THE DP TO 1200PSI & CSG TO 1000PSI ON EACH BUILD UP. RELEASED SURGES W/ RETURNS OF HVY MIST, H2O & WHITE FOAM. CIRCULATED CSG INBETWEEN SURGES. NO COAL TO SURFACE.
	04:00 - 05:00	1.00	EVALFM	PULD	COMPZN	TIH TO 3599' PICKING UP 10-JTS OF DP TO CHECK FOR BRIDGES. NO TAG. PULL BACK UP INSIDE 7" CSG.
9/26/2004	05:00 - 06:00	1.00	EVALFM	OTHR	COMPZN	BEGIN BUILDING PRESSURE ON HYDRAULIC SURGE #3.
	06:00 - 08:00	2.00	EVALFM	OTHR	COMPZN	CONTINUE PERFORMING AIR ASSIST HYDRAULIC SURGE #3 AS PER PROCEDURE PRESSURING UP THE DP TO 1200PSI, & CSG -1000PSI. RELEASE SURGE W/ RETURNS OF HVY WHITE MIST, H2O, HVY WHITE FOAM W/ SOME COAL FINES. CIRCULATE CSG CLEAN.
	08:00 - 08:30	0.50	EVALFM	PULD	COMPZN	ROUND TRIP DP TO 3599' TO CHECK FOR FILL. NONE.
	08:30 - 12:45	4.25	EVALFM	OTHR	COMPZN	PERFORM AIR ASSIST HYDRAULIC SURGES #4 & #5 AS PER PROCEDURE PRESSURING UP THE DP TO 1200PSI & 1300PSI. CSG PRESSURE- 1000PSI. RELEASE SURGES W/ RETURNS OF HVY MIST, H2O & WHITE TO GRAY FOAM W/ SOME SMALL COAL CHIPS TO SURFACE. CIRCULATE CSG CLEAN INBETWEEN SURGES.
	12:45 - 13:00	0.25	EVALFM	TRIP	COMPZN	TIH PICKING UP DP & TAG FILL @ 3570'.

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 24 1A
 Common Well Name: SAN JUAN 32 FED 24 1A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY 29

Start: 9/21/2004 Spud Date: 7/17/2004
 End:
 Rig Release: Group:
 Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/26/2004	13:00 - 16:00	3.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3568'- 99' W/ 900CFM AIR, 06 BPH MIST W/ 1 GAL 450 FOAMER+ 1/4 GAL INHIBITOR PR/ 10BBLs OF PRODUCED H2O. CIRCULATING PRESSURE- 320PSI. RETURNS OF HVY- LT COAL CHIPS(1/2" IN SIZE) & LT COAL FINES. 3 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.
	16:00 - 16:30	0.50	EVALFM	PULD	COMPZN	PULL UP INSIDE 7" CSG LAYING DN 10-JTS OF 2 7/8" DP.
	16:30 - 20:00	3.50	EVALFM	OTHR	COMPZN	PERFORM AIR ASSIST HYDRAULIC SURGE #6 AS PER PROCEDURE PRESSURING UP THE DP TO 1300PSI & CSG TO 1050PSI. RELEASE SURGE W/ RETURNS OF BLK DUST, HVY MIST, H2O & GRAY FOAM W/ SOME SML COAL CHIPS & FINES TO SURFACE. CIRCULATE CSG CLEAN AFTER SURGE.
	20:00 - 20:15	0.25	EVALFM	PULD	COMPZN	TIH PICKING UP DP & TAG FILL @ 3536'.
	20:15 - 06:00	9.75	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3505'- 36' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 320PSI. RETURNS OF HVY- LT COAL CHIPS(1/2"- 1/4" IN SIZE) & LT COAL FINES. 3 DN TO 1BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.
9/27/2004	06:00 - 09:00	3.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3505'- 3536' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE 320PSI. RETURNS OF LT COAL CHIPS & FINES. 1 1/2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.
	09:00 - 14:00	5.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3537'- 68' W/ 900CFM AIR, 06 BPH MIST W/ 1 GAL 450 FOAMER+ 1/2 GAL INHIBITOR PR/ 10 BBLs OF PRODUCED H2O. RETURNS OF HVY- LT COAL CHIPS & FINES. 3 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.
	14:00 - 16:45	2.75	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3568'- 99' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE 320PSI. RETURNS OF HVY- LT COAL CHIPS & FINES. 3 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.
	16:45 - 17:00	0.25	EVALFM	PULD	COMPZN	PULL UP INSIDE 7" CSG LAYING DN 10-JTS OF 2 7/8" DP.
	17:00 - 20:00	3.00	EVALFM	OTHR	COMPZN	PERFORM AIR ASSIST HYDRAULIC SURGE #7 AS PER PROCEDURE PRESSURING UP THE DP TO 1300PSI & CSG TO 1050PSI. RELEASE SURGE W/ RETURNS OF BLK DUST, HVY GRAY MIST, H2O & GRAY FOAM W/ SOME COAL CHIPS TO SURFACE. CIRCULATE THE CSG CLEAN.
	20:00 - 20:15	0.25	EVALFM	PULD	COMPZN	TIH PICKING UP DP. TAG FILL @ 3525'.
	20:15 - 04:30	8.25	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3505'- 36' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 340PSI. RETURNS OF HVY- LT COAL CHIPS & FINES. 3 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
	04:30 - 06:00	1.50	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3537'- 68' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 340PSI. RETURNS OF HVY COAL CHIPS & FINES. 3 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
9/28/2004	06:00 - 10:00	4.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3537'- 68' W/ 900CFM AIR, 06 BPH MIST W/ 1 GAL 450 FOAMER+ 1/4 GAL INHIBITOR PR/ 10 BBLs OF PRODUCED H2O. CIRCULATING PRESSURE- 320PSI. RETURNS OF HVY- LT COAL CHIPS & FINES. 3 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
	10:00 - 16:00	6.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3569'- 99' W/ 900CFM AIR, 06 BPH MIST W/ 1 GAL 450 FOAMER+ 1/4 GAL INHIBITOR PR/ 10 BBLs OF PRODUCED H2O. CIRCULATING PRESSURE- 320PSI. RETURNS OF HVY- LT COAL CHIPS & FINES. 3 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
	16:00 - 16:30	0.50	EVALFM	PULD	COMPZN	PULL UP INSIDE 7" CSG LAYING DN 10-JTS OF 2 7/8" DP.

CONOCOPHILLIPS CO
Operations Summary Report

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Legal Well Name: SAN JUAN 32 FED 24 1A
Common Well Name: SAN JUAN 32 FED 24 1A
Event Name: COMPLETION
Contractor Name: KEY ENERGY SVCS
Rig Name: KEY 29

Spud Date: 7/17/2004
Start: 9/21/2004
Rig Release:
Rig Number: 29
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/28/2004	16:30 - 18:45	2.25	EVALFM	OTHR	COMPZN	PERFORM AIR ASSIST HYDRAULIC SURGE #8 AS PER PROCEDURE PRESSURING UP THE DP TO 1200PSI & CSG TO 1100PSI. RELEASE SURGE W/ RETURNS OF BLK DUST, HVY GRAY MIST, H2O, GRAY FOAM & SML AMT OF COAL CHIPS. CIRCULATE CSG CLEAN AFTER SURGE.
	18:45 - 19:00	0.25	EVALFM	SFTY	COMPZN	CREW CHANGE & SAFETY MEETING.
	19:00 - 01:45	6.75	EVALFM	OTHR	COMPZN	PERFORM AIR ASSIST PADDED SURGES #9, #10 & #11 PRESSURING UP THE DP TO 1300PSI EACH TIME & CSG TO 1100PSI. PUMPED 1 GAL 450 FOAMER AHEAD OF EACH SURGE FOLLOWED BY 3 - 10 BBL H2O PADS SPACED THROUGHOUT EACH BUILD UP. RELEASED SURGES W/ RETURNS OF BLK DUST, HVY GRAY MIST, GRAY H2O & GRAY FOAM W/ SOME SML AMT OF COAL CHIPS. CIRCULATED CSG CLEAN AFTER EACH SURGE.
	01:45 - 02:00	0.25	EVALFM	PULD	COMPZN	TIH PICKING UP DP. TAG UP @ 3400'.
9/29/2004	02:00 - 05:30	3.50	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3382'- 3413' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 360PSI. RETURNS OF MOD- LT COAL CHIPS(1/2"- 1/4") & LT COAL FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
	05:30 - 06:00	0.50	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3414'- 45' W/ 900CFM AIR- MIST. WO CIRCULATION AFTER CONNECTION.
	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3414'- 45' W/ 900CFM AIR, 06 BPH MIST W/ 1 GAL 450 FOAMER+ 1/4 GAL INHIBITOR PR/ 10 BBLs OF PRODUCED H2O. CIRCULATING PRESSURE- 320PSI. RETURNS OF HVY COAL CHIPS & FINES. 3 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.
	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:30 - 09:45	2.25	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3414'- 45' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 320PSI. RETURNS OF MOD- LT COAL CHIPS & FINES. 2 1/2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
	09:45 - 19:00	9.25	EVALFM	OTHR	COMPZN	R&R CO RUNNING COAL FR 3446'- 77' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 380PSI. RETURNS OF HVY COAL CHIPS(1"- 1/4" IN SIZE) & FINES. 8 DN TO 6 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
	19:00 - 19:15	0.25	EVALFM	SFTY	COMPZN	CREW CHANGE & SAFETY MEETING.
9/30/2004	19:15 - 06:00	10.75	EVALFM	OTHR	COMPZN	R&R CO RUNNING COAL FR 3446'- 77' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 340PSI. RETURNS OF HVY COAL CHIPS & FINES. 6 DN TO 3 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3446'- 77' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 340PSI. RETURNS OF HVY COAL CHIPS & FINES. 3 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:30 - 19:00	11.50	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3446'- 77' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 340PSI. RETURNS OF HVY COAL CHIPS & FINES. 3 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
10/1/2004	19:00 - 19:15	0.25	EVALFM	SFTY	COMPZN	CREW CHANGE & SAFETY MEETING.
	19:15 - 06:00	10.75	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3446'- 77' W/ 900CFM AIR, 06 BPH MIST W/ 1 GAL 450 FOAMER+ 1/4 GAL INHIBITOR PR/ 10BBLs OF PRODUCED H2O. CIRCULATING PRESSURE- 340PSI. RETURNS OF LT COAL CHIPS & HVY- LT COAL FINES. 3 DN TO 1 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
10/1/2004	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3446'- 77' W/ 900CFM AIR- MIST. CIRCULATING

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 24 1A
 Common Well Name: SAN JUAN 32 FED 24 1A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY 29

Spud Date: 7/17/2004
 Start: 9/21/2004 End:
 Rig Release: Group:
 Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/1/2004	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	PRESSURE- 320PSI. RETURNS OF LT COAL CHIPS & FINES. 1 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:30 - 08:00	0.50	EVALFM	OTHR	COMPZN	TIH TO 3490'. NO TAG. PULL UP INSIDE 7" CSG LAYING DN 9-JTS OF 2 7/8" DP.
	08:00 - 16:30	8.50	EVALFM	OTHR	COMPZN	PERFORM AIR ASSIST PADDED SURGES #12, #13 & #14 PRESSURING UP THE DP TO 1200PSI EACH TIME & CSG TO 900PSI. PUMPED 1-GAL 450 FOAMER AHEAD OF 1ST SURGE FOLLOWED BY 3 - 10 BBL H2O PADS SPACED THROUGHOUT EACH BUILD UP. RELEASED SURGE W/ RETURNS OF HVY BLK DUST, HVY GRAY MIST & H2O. GRAY FOAM & LOTS OF COAL CHIPS & FINES TO SURFACE. R&R CIRCULATE CSG CLEAN INBETWEEN SURGES.
	16:30 - 17:00	0.50	EVALFM	TRIP	COMPZN	TIH PICKING UP DP & TAG FILL @ 3406'.
	17:00 - 19:00	2.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3382'- 3413' W/ 900CFM AIR, 06 BPH MIST W/ 1 GAL 450 FOAMER+ 1/4 GAL INHIBITOR PR/ 10 BBLS OF PRODUCED H2O. CIRCULATING PRESSURE 320PSI. RETURNS OF HVY COAL CHIPS (3/4" - 1/4" IN SIZE) & FINES. 4 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
	19:00 - 19:15	0.25	EVALFM	SFTY	COMPZN	CREW CHANGE & SAFETY MEETING.
	19:15 - 01:45	6.50	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3382'- 3413' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 320PSI. RETURNS OF HVY- LT COAL CHIPS & FINES. 4 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
	01:45 - 06:00	4.25	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3414'-45' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 320PSI. RETURNS OF HVY COAL CHIPS & FINES. 4 BKTS PR HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3414'- 45' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 320PSI. RETURNS OF HVY COAL CHIPS & FINES. 4 DN TO 3 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
10/2/2004	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:30 - 12:00	4.50	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3414'- 45' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 320PSI. RETURNS OF HVY- LT COAL CHIPS & FINES. 3 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
	12:00 - 19:00	7.00	EVALFM	OTHR	COMPZN	R&R CO RUNNING COAL FR 3446'- 77' W/ 900CFM AIR, 06 BPH MIST W/ 1 GAL 450 FOAMER+ 1/4 GAL INHIBITOR PR/ 10BBLS OF PRODUCED H2O. CIRCULATING PRESSURE- 360PSI. RETURNS OF HVY COAL CHIPS & FINES. 6 DN TO 4 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
	19:00 - 19:15	0.25	EVALFM	SFTY	COMPZN	CREW CHANGE & SAFETY MEETING.
	19:15 - 06:00	10.75	EVALFM	OTHR	COMPZN	R&R CO RUNNING COAL FR 3446'- 77' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 420PSI. RETURNS OF MOD COAL CHIPS & HVY COAL FINES. 4 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
10/3/2004	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3446'- 77' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD COAL CHIPS & HVY- MOD COAL FINES. 4 DN TO 3BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:30 - 19:00	11.50	EVALFM	OTHR	COMPZN	R&R CO RUNNING COAL FR 3446'- 77' W/ 900CFM AIR, 06 BPH MIST W/ 1 GAL 450 FOAMER+ 1/4 GAL INHIBITOR PR/ 10 BBLS OF PRODUCED H2O. CIRCULATING PRESSURE 360PSI. RETURNS OF

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 24 1A

Common Well Name: SAN JUAN 32 FED 24 1A

Event Name: COMPLETION

Contractor Name: KEY ENERGY SVCS

Rig Name: KEY 29

Start: 9/21/2004

Rig Release:

Rig Number: 29

Spud Date: 7/17/2004

End:

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/3/2004	07:30 - 19:00	11.50	EVALFM	OTHR	COMPZN	LT COAL CHIPS & MOD COAL FINES. 3 DN TO 2 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE. WORKED TIGHT HOLE FR 3470'- 77'.
	19:00 - 19:15	0.25	EVALFM	SFTY	COMPZN	CREW CHANGE & SAFETY MEETING.
	19:15 - 06:00	10.75	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3446'- 77' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 360PSI. RETURNS OF LT COAL CHIPS & MOD COAL FINES. 2 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE. WORK TIGHT HOLE FR 3470'- 77' (VERY STICKY).
10/4/2004	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3446'- 77' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 360PSI. RETURNS OF LT COAL CHIPS & MOD COAL FINES. 2 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:30 - 19:00	11.50	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3446'- 77' W/ 900CFM AIR-, 08 BPH MIST W/ 1 GAL 450 FOAMER+ 1/4 GAL INHIBITOR & 1/2 GAL POLYMER PR/ 10 BBLS OF PRODUCED H2O. CIRCULATING PRESSURE- 360PSI. RETURNS OF LT COA CHIPS & MOD COAL FINES. 2 1/2 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE. WORK TIGHT HOLE FR 3470'- 77'. HAD TO PULL UP & CIRCULATE @ 3446' 2-HRS & WORK ON SWIVEL POWER UNIT.
10/5/2004	19:00 - 19:15	0.25	EVALFM	SFTY	COMPZN	CREW CHANGE & SAFETY MEETING.
	19:15 - 06:00	10.75	EVALFM	OTHR	COMPZN	R&R CO RUNNING COAL FR 3446'- 77' W/ 1400CFM AIR, 08 BPH MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF HVY COAL CHIPS & FINES. 6 DN TO 4 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE. WORK TIGHT HOLE FR 3470'- 77'. LOSING CIRCULATION FR TIME TO TIME.
	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	R&R CO RUNNING COAL FR 3446'- 77' W/ 1400 CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD COAL & SHALE CHIPS & HVY COAL FINES. 4 DN TO 3 BKTS PR/ HR FR SAMPLE CATCHER. 75% COAL, 25% SHALE.
10/5/2004	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:30 - 19:00	11.50	EVALFM	OTHR	COMPZN	R&R CO RUNNING COAL FR 3446'- 77' W/ 1400 CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD- LT COAL CHIPS & COAL FINES. 3 DN TO 1 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
	19:00 - 19:15	0.25	EVALFM	SFTY	COMPZN	CREW CHANGE & SAFETY MEETING.
10/5/2004	19:15 - 21:00	1.75	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3446'- 77' W/ 1400CFM AIR, 08 BPH MIST W/ 2 GAL 450 FOAMER+ 1/4 GAL INHIBITOR & 1/2 GAL DV- 1100 POLYMER PR/ 10 BBLS OF PRODUCED H2O. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL CHIPS & FINES. 1 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SHALE.
	21:00 - 06:00	9.00	EVALFM	OTHR	COMPZN	R&R CO COAL & SHALE FR 3478'- 83' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD COAL & SHALE CHIPS & LT COAL FINES. 3 DN TO 1 1/2 BKTS PR/ HR FR SAMPLE CATCHER. 70% COAL, 30% SHALE. WORK THROUGH TIGHT HOLE FR 3478'- 83'.
	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3478'- 83' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF HVY COAL & SHALE CHIPS & LT COAL FINES. 3 BKTS PR/ HR FR SAMPLE CATCHER. 60% COAL, 40% SHALE.
10/6/2004	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:30 - 16:00	8.50	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3478'- 3506' W/ 1400CFM AIR, 08 BPH MIST W/ 2 GAL 450 FOAMER, 1/4 GAL INHIBITOR & 1/2 GAL DV- 1100

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 24 1A
 Common Well Name: SAN JUAN 32 FED 24 1A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY 29

Start: 9/21/2004
 Rig Release: 9/21/2004
 Spud Date: 7/17/2004
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/6/2004	07:30 - 16:00	8.50	EVALFM	OTHR	COMPZN	POLYMER PR/ 10 BBLS OF PRODUCED H2O. CIRCULATING PRESSURE- 400PSI. RETURNS OF HVY- LT COAL & SHALE CHIPS & LT COAL FINES. 3 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 85% COAL, 15% SHALE.
	16:00 - 05:00	13.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3507'- 36' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL & SHALE CHIPS & HVY- LT COAL FINES. 4 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SHALE.
10/7/2004	05:00 - 06:00	1.00	EVALFM	OTHR	COMPZN	R&R BREAK CIRCULATION @ 3537' W/ 1400CFM AIR- MIST.
	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3537'- 68' W/ 1400CFM AIR, 08 BPH MIST W/ 2 GAL 450 FOAMER, 1/4 GAL INHIBITOR & 1/2 GAL DV-1100 POLYMER PR/ 10 BBLS OF PRODUCED H2O. CIRCULATING PRESSURE- 520PSI. RETURNS OF MOD- LT COAL & SHALE CHIPS & LT COAL FINES. 2 BKTS PR/ HR FR SAMPLE CATCHER. 70% COAL, 30% SHALE.
	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:30 - 17:00	9.50	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3537'- 68' W/ 1400 CFM AIR- MIST. CIRCULATING PRESSURE- 520PSI. RETURNS OF MOD- LT COAL & SHALE CHIPS & COAL FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 70% COAL, 30% SHALE.
	17:00 - 01:45	8.75	EVALFM		COMPZN	R&R CO COAL FR 3569'- 99' W/ 1400 CFM AIR- MIST. CIRCULATING PRESSURE- 520PSI. RETURNS OF MOD- LT COAL & SHALE CHIPS & COAL FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 70% COAL, 30% SHALE.
	01:45 - 06:00	4.25	EVALFM		COMPZN	R&R CO COAL FR 3600'- 31' W/ 1400 CFM AIR- MIST. CIRCULATING PRESSURE- 520PSI. RETURNS OF MOD- LT COAL & SHALE CHIPS & COAL FINES. 2 DN TO 1 BKT PR/ HR FR SAMPLE CATCHER. 70% COAL, 30% SHALE.
10/8/2004	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3600'- 31' W/ 1400CFM AIR, 08 BPH MIST W/ 2 GAL 450 FOAMER+ 1/4 GAL INHIBITOR & 1/2 GAL DV- 1100 POLYMER PR/ 10 BBLS OF PRODUCED H2O. CIRCULATING PRESSURE- 520PSI. RETURNS OF LT COAL & SHALE CHIPS & LT COAL FINES. 2 DN TO 1 1/2 BKTS PR/ HR FR SAMPLE CATCHER. 70% COAL, 30% SHALE.
	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:30 - 12:00	4.50	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3600'- 31' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 520PSI. RETURNS OF LT COAL & SHALE CHIPS & COAL FINES. 1 1/2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 70% COAL, 30% SHALE.
	12:00 - 17:00	5.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3632'- 63' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 420PSI. RETURNS OF LT COAL & SHALE CHIPS & COAL FINES. 1 1/2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 70% COAL, 30% SHALE.
	17:00 - 20:00	3.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3664'- 95' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 420PSI. RETURNS OF LT COAL & SHALE CHIPS & COAL FINES. 1 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 70% COAL, 30% SHALE.
	20:00 - 05:30	9.50	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3695'- 3703'(TD) W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 420PSI. RETURNS OF LT COAL & SHALE CHIPS & COAL FINES. 1 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 70% COAL, 30% SHALE.
	05:30 - 06:00	0.50	EVALFM	PULD	COMPZN	PULL UP INSIDE 7" CSG LAYING DN 13-JTS OF 2 7/8" DP. NOTE: LOST APPROXIMATELY 100BBLS + OF FLUID CLEANING OUT FR

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 24 1A
 Common Well Name: SAN JUAN 32 FED 24 1A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY 29

Start: 9/21/2004
 Rig Release: Group:
 Spud Date: 7/17/2004
 End:
 Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/8/2004	05:30 - 06:00	0.50	EVALFM	PULD	COMPZN	3382'- 3703' DUE TO LOST OR PARTIAL CIRCULATION FROM TIME TO TIME.
10/9/2004	06:00 - 07:00	1.00	EVALFM	PRDT	COMPZN	CONDUCT FLOW TEST THROUGH 2" CHOKE MANIFOLD USING PITOT READINGS: INITIAL FLOW - MANIFOLD- 8PSI. PITOT READING 2PSI(869MCFD) 15MIN FLOW - MANIFOLD- 42PSI. PITOT READING 10 1/2PSI(1.99 MMCFD) 30MIN FLOW - MANIFOLD 56PSI. PITOT READING 14PSI(2.33MMCFD) 45MIN FLOW - MANIFOLD 60PSI. PITOT READING 15PSI(2.41MMCFD) LT MIST 60MIN FLOW - MANIFOLD - 60PSI. PITOT READING 15PSI(2.41MMCFD) LT MIST. OPEN WELL UP ON BOTH BLOOIE LINES & FLOW NATURAL. TIH PICKING UP DP. TAG BRIDGE @ 3520'.
	07:00 - 10:00	3.00	EVALFM	OTHR	COMPZN	BREAK CIRCULATION @ 3505' W/ 1400CFM AIR, 08 BPH MIST W/ 3 GAL 450 FOAMER+ 1/4 GAL INHIBITOR & 1 GAL DV- 1100 POLYMER PR/ 10 BBLs OF PRODUCED H2O. CIRCULATING PRESSURE- 500PSI.
	10:00 - 10:30	0.50	EVALFM	TRIP	COMPZN	R&R CO COAL FR 3505'- 36' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 500PSI. RETURNS OF LT COAL & SHALE CHIPS & MOD- LT COAL FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 70% COAL, 30% SHALE.
	10:30 - 13:00	2.50	EVALFM	CIRC	COMPZN	R&R CO COAL FR 3537'- 68' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 520PSI. RETURNS OF LT COAL & SHALE CHIPS & LT COAL FINES. 1 1/2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 70% COAL, 30% SHALE.
	13:00 - 23:00	10.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3569'- 99' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 520PSI. RETURNS OF LT COAL & SHALE CHIPS & COAL FINES. 1 BKT PR/ HR FR SAMPLE CATCHER. 70% COAL, 30% SHALE.
	23:00 - 04:00	5.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3568'- 99' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 520PSI. RETURNS OF LT COAL & SHALE CHIPS & COAL FINES. 1 1/2 DN TO 1 BKT PR/ HR FR SAMPLE CATCHER. 70% COAL, 30% SHALE.
	04:00 - 06:00	2.00	EVALFM	OTHR	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
10/10/2004	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3568'- 99' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 520PSI. RETURNS OF LT COAL & SHALE CHIPS & COAL FINES. 1 1/2 BKTs PR/ HR FR SAMPLE CATCHER. 70% COAL, 30% SHALE.
	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:30 - 19:00	11.50	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3568'- 99' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 520PSI. RETURNS OF LT COAL & SHALE CHIPS & COAL FINES. 1 1/2 DN TO 1 BKT PR/ HR FR SAMPLE CATCHER. 70% COAL, 30% SHALE.
	19:00 - 19:15	0.25	EVALFM	SFTY	COMPZN	CREW CHANGE & SAFETY MEETING.
	19:15 - 04:30	9.25	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3568'- 99' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 520PSI. RETURNS OF LT COAL & SHALE CHIPS & COAL FINES. 1 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 70% COAL, 30% SHALE.
10/11/2004	04:30 - 06:00	1.50	EVALFM	TRIP	COMPZN	LD 12-JTS OF 2 7/8" DP. HANG SWIVEL & POOH W/ BIT.
	06:00 - 07:00	1.00	EVALFM	RURD	COMPZN	RU TO RUN 5 1/2" CSG. PRESSURE TEST 5 1/2" CSFG RAMS TO 300PSI. HELD OK.
	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:30 - 09:00	1.50	EVALFM	PULD	COMPZN	MU 6 1/4" BIT & SUB W/ FLOAT ON BOTTOM OF 1-JT OF 5 1/2", 15.50#, J-55, LT & C CSG. TIH PICKING UP 8 ADDITIONAL JTS(TOTAL- 406').
	09:00 - 13:00	4.00	EVALFM	TRIP	COMPZN	MU 5 1/2" x 7" H LATCH COLLAR & DROP OFF TOOL ON TOP OF CSG.TIH W/ 2 7/8" DP TO 3550'. PU SWIVEL & BREAK CIRCULATION W/ 1400CFM AIR- MIST. WORK THROUGH SEVERAL BRIDGES TO 3703'(TD).
	13:00 - 13:30	0.50	EVALFM	OTHR	COMPZN	ROTATE TOOL & DROP OFF 5 1/2" CSG LINER. BIT @ 3703'. TOP

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 24 1A

Common Well Name: SAN JUAN 32 FED 24 1A

Event Name: COMPLETION

Contractor Name: KEY ENERGY SVCS

Rig Name: KEY 29

Start: 9/21/2004

Rig Release:

Rig Number: 29

Spud Date: 7/17/2004

End:

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/11/2004	13:00 - 13:30	0.50	EVALFM	OTHR	COMPZN	OF FLOAT @ 3701. LINER TOP @ 3293'.
	13:30 - 16:30	3.00	EVALFM	PULD	COMPZN	POOH LAYING DN DP & DCS.
	16:30 - 18:00	1.50	EVALFM	PERF	COMPZN	RU BLUE JET WL. PERFORATE THE FRUITLAND COALS W/268-.75" HOLES, 4-JSPF AS FOLLOWS: 3628'- 31', 3570'- 76', 3555'- 60', 3547'- 52', 3537'- 43', 3531'- 34', 3500'- 04', 3458'- 68', 3437'- 50', 3401'- 12' & 3390'- 94'. PERFED 67' OF COAL. ALL SHOTS FIRED OK. SDFD.
10/12/2004	07:00 - 08:00	1.00	EVALFM	SFTY	COMPZN	SAFETY MEETING. BLEED DN 440PSI FR CSG TO PIT.
	08:00 - 11:00	3.00	EVALFM	PULD	COMPZN	MU 2 3/8" x 1.78" F NIPPLE & 2 3/8" XO ON TOP OF A 30" x 2 7/8" SLOTTED MUD ANCHOR. TIH PICKING UP AN ADDITIONAL 116-JTS OF 2 3/8", 4.70# EUE TBG. LAND TBG HANGER IN TBG HEAD W/ BOTTOM OF MA @ 3698' KB. TOP OF F NIPPLE @ 3666'.
	11:00 - 13:00	2.00	EVALFM	NUND	COMPZN	ND BOP STACK. NU B-1 FLANGE W/ ROD RADIGAN & PUMPING T ON TOP. CONDUCT FINAL FLOW TEST THROUGH 2" CHOKE MANIFOLD USING PITOT READINGS.
						INITIAL FLOW - MANIFOLD- 42PSI, PITOT - 10 1/2PSI(1.99MMCFD) 15MIN FLOW - MANIFOLD- 60PSI, PITOT- 15PSI(2.41MMCFD) 30MIN FLOW - MANIFOLD- 64PSI, PITOT- 16PSI(2.50MMCFD) LT MIST 45MIN FLOW - MANIFOLD- 64PSI, PITOT- 16PSI(2.50MMCFD) LT MIST 60MIN FLOW - MANIFOLD- 64PSI, PITOT- 16PSI(2.50MMCFD) LT MIST
	13:00 - 16:00	3.00	EVALFM	PULD	COMPZN	PU 2" x 1 1/4" x 12' RHAC ROD PUMP(#CP-184) & CHECK ACTION. TIH PICKING UP 3 - 1 1/4" x 25' SINKER BARS & 143 - 25' x 3/4" RODS. SPACE OUT ON SURFACE W/ 1 - 4' & 1 - 8' - 3/4" ROD SUBS. SEAT PUMP W/ 22' x 1 1/4" POLISH ROD. PRESSURE TEST TBG TO 500PSI & MANUALLY PUMP UP TBG TO 850PSI. HELD OK. BLEED OFF PRESSURE. CLAMP OFF POLISH ROD W/ STROKE 4" OFF TAG. SWI. SDFD.
10/13/2004			EVALFM		COMPZN	
			EVALFM		COMPZN	
			EVALFM		COMPZN	
			EVALFM		COMPZN	
	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	SAFETY MEETING.
	07:30 - 15:00	7.50	EVALFM	RURD	COMPZN	RD KEY #29 TO MOVE.