

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

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

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

At Surface SEC 24, T32N R9W SWNW 1810 FNL 1055 FWL

At top prod. interval reported below

At total depth

14. Date Spudded
07/22/2004

15. Date T.D. Reached
08/31/2004

16. Date Completed
09/20/2004

5. Lease Serial No.

NM8F 079329

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.

SAN JUAN 32 FED 24 2A

9. API Well No.

30-045-32405

10. Field and Pool, or Exploratory
BASIN FRUITLAND COAL

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

12. County or Parish SAN JUAN 13. State NM

17. Elevations (DF, RKB, RT, GL)*
6785 GL

18. Total Depth: MD 3728
TVD 3728

19. Plug Back T.D.: MD 3726
TVD 3726

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25	9.625 H-40	32.3	0	235		150		0	
8.75	7.0 J-55	20.0	0	3355		550		0	
6.25	5.5 J-55	15.5	3319	3728		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	3723							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BASIN FRUITLAND	3384	3670	3384-3670	.75	248	OPEN
B) COAL						
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
09/20/04	09/19/04	1	→	0	2600	2			GAS PUMPING UNIT
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
2" Pitot	0	17	→					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)

NMOC

ACCEPTED FOR RECORD

SEP 15 2004

FARMINGTON FIELD OFFICE
BY JB

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
NACIAMENTO	868				
OJO ALAMO	2218				
KIRTLAND	2278				
FRUITLAND	3183				

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

Juanita FarrellDate 10/05/2004

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.

30-045-32405

CONOCOPHILLIPS CO.

Operations Summary Report

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Legal Well Name: SAN JUAN 32 FED 24 2A
 Common Well Name: SAN JUAN 32 FED 24 2A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY 29

Spud Date: 7/22/2004
 Start: 8/28/2004 End: 9/19/2004
 Rig Release: 9/19/2004 Group:
 Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/29/2004	07:00 - 08:00	1.00	MOVE	SFTY	MIRU	PRE MOVE SAFETY MEETING.
	08:00 - 14:00	6.00	MOVE	MOB	MIRU	MOVE KEY #29 TO SJ 32 FED 24 #2A LOCATION.
	14:00 - 18:00	4.00	MOVE	RURD	MIRU	BEGIN RIGGING UP RIG. SDFD.
8/30/2004	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	SAFETY MEETING.
	07:30 - 14:00	6.50	EVALFM	RURD	COMPZN	CONTINUE RIGGING UP.
	14:00 - 15:00	1.00	EVALFM	PRTS	COMPZN	PRESSURED TEST 7" CSG & BLIND RAMS TO 300PSI- 5MIN & 1800PSI 30MIN. CHART AS PER NMOCD REQUIREMENTS.
	15:00 - 17:00	2.00	EVALFM	PULD	COMPZN	MU 6 1/4" RR BUTTON BIT #1 & SUB ON BOTTOM OF 1- 3 1/2" DC. TIH PICKING UP 12 ADDITIONAL DCS & 90- JTS OF 2 7/8" DP. SDFD.
8/31/2004	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	SAFETY MEETING.
	07:30 - 08:30	1.00	DRILL	PULD	COMPZN	PU SWIVEL & CONTINUE IN HOLE PICKING UP DP. TAG FILL @ 3299'.
	08:30 - 10:00	1.50	DRILL	CIRC	COMPZN	BREAK CIRCULATION W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 500PSI. DRILL OUT CEMENT, FLOAT COLLAR @ 3312' & 7" CSG SHOE TO 3355'.
	10:00 - 16:00	6.00	DRILL	DRLG	COMPZN	DRILL 6 1/4" OPEN HOLE FROM 3356'- 3728'(372') W/ 950CFM AIR, 06 BPH MIST W/ 1GAL 450 FOAMER+ 1/4 GAL INHIBITOR PR/ 10BBLs OF PRODUCED H2O. USED 1&1 ON COMPRESSION W/ COMPRESSOR TURNING 1800RPMs W/ SUCTION PRESSURE OF 150PSI. CIRCULATING PRESSURE- 400PSI. WOB- 6K SWIVEL RPMs- 75. GOOD RETURNS TO SURFACE.
	16:00 - 02:30	10.50	DRILL	CIRC	COMPZN	CIRCULATE & CONDITION HOLE @ TD(3728') W/ 950 CFM AIR- MIST. SHUT OFF MIST & DRY WELL UP LAST 45MIN. ESTIMATED H2O PRODUCTION FROM DRILLING OBSERVATION- 10 BPD. EVALUATE THE FRUITLAND COALS FROM THE MUD LOGS AS FOLLOWS: 3380- 92': DULL TO INTERMEDIATE FLAT BLK COAL W/ POOR CLEATING. 300 UNITS OF GAS. 3419'- 29', 3431'- 41' & 3444'- 53': INTERMEDIATE TO BRT BLK VITREOUS COAL W/ SUB BLOCKY FRACTURES & GOOD CLEAT DEVELOPMENT. 532 UNITS OF GAS. 3533'- 38': DULL BLK COAL W/ POOR CLEAT DEVELOPMENT. 300 UNITS OF GAS. 3662'- 70': INTERMEDIATE TO BRT BLK COAL W/ FAIR- GOOD CLEATING. 372 UNITS OF GAS. TOTAL COAL- 52'.
	02:30 - 03:00	0.50	EVALFM	PULD	COMPZN	PULL UP INSIDE 7" CSG LAYING DN 12-JTS OF 2 7/8" DP.
	03:00 - 04:00	1.00	EVALFM	PRDT	COMPZN	CONDUCT INITIAL FLOW TEST THROUGH 2" CHOKE MANIFOLD USING PITOT READINGS: INITIAL FLOW - MANIFOLD PRESSURE - 2PSI. PITOT- 1/2PSI(434MCFD) 15MIN FLOW - MANIFOLD PRESSURE - 4PSI. PITOT - 1PSI(615MCFD) 30MIN FLOW - MANIFOLD PRESSURE - 6PSI. PITOT - 1 1/2PSI(715MCFD) 45MIN FLOW - MANIFOLD PRESSURE - 8PSI. PITOT - 2PSI(869MCFD) 60MIN FLOW - MANIFOLD PRESSURE - 8PSI. PITOT - 2PSI(869MCFD) LT MIST
	04:00 - 06:00	2.00	EVALFM	SIPB	COMPZN	SI FOR 120MIN INITIAL BUILD UP. INITIAL SI - 20PSI 15MIN SI - 220PSI 30MIN SI - 340PSI 45MIN SI - 460PSI 60MIN SI - 540PSI 75MIN SI - 610PSI

CONOCOPHILLIPS CO
Operations Summary Report

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Legal Well Name: SAN JUAN 32 FED 24 2A
Common Well Name: SAN JUAN 32 FED 24 2A
Event Name: COMPLETION
Contractor Name: KEY ENERGY SVCS
Rig Name: KEY 29

Spud Date: 7/22/2004
Start: 8/28/2004 End: 9/19/2004
Rig Release: 9/19/2004 Group:
Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/31/2004	04:00 - 06:00	2.00	EVALFM	SIPB	COMPZN	90MIN SI - 650PSI 105MIN SI - 675PSI 120MIN SI - 690PSI
9/1/2004	06:00 - 07:15	1.25	EVALFM	TRIP	COMPZN	POOH W/ 6 1/4" DRLG ASSEMBLY.
	07:15 - 07:45	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:45 - 09:45	2.00	EVALFM	TRIP	COMPZN	PU 6"x 9 1/2" LOCO MATIC UNDER REAMER(ROLLER CONES) W/ 4 3/4" SHOCK SUB ON TOP. TIH W/13- 3 1/2" DCS & 99-JTS OF 2 7/8" DP TO 3360'.
	09:45 - 20:00	10.25	EVALFM	REAM	COMPZN	BREAK CIRCULATION W/ 1600CFM AIR, 08BPH MIST W/ 1 GAL 450 FOAMER+ 1/4 GAL INHIBITOR PR/ 10 BBLS OF PRODUCED H2O. CIRCULATING PRESSURE- 660PSI. OPEN ARMS UP & UNDER REAM 6 1/4" OPEN HOLE OUT TO 9 1/2" FR 3360'- 3728'. RAN 6K FOR WT & TURNED 90 RPMS.
	20:00 - 21:00	1.00	EVALFM	CIRC	COMPZN	CIRCULATE THE HOLE CLEAN ON BOTTOM.
	21:00 - 21:30	0.50	EVALFM	PULD	COMPZN	PULL UP INSIDE 7" CSG LAYING DN 11-JTS OF DP.
	21:30 - 22:30	1.00	EVALFM	PRDT	COMPZN	CONDUCT FLOW TEST THROUGH 2" CHOKE MANIFOLD USING PITOT READINGS:INITIAL FLOW - MANIFOLD PSI - 2PSI. PITOT- 1/2PSI(434MCFD) 15MIN FLOW - MANIFOLD PSI - 8PSI. PITOT- 2PSI(869MCFD) 30MIN FLOW - MANIFOLD PSI - 10PSI. PITOT - 2 1/2PSI(970MCFD) 45MIN FLOW - MANIFOLD PSI - 12PSI. PITOT - 3PSI(1.06MMCFD) LT MIST 60MIN FLOW - MANIFOLD PSI - 12PSI. PITOT - 3PSI(1.06MMCFD) LT MIST
	22:30 - 23:30	1.00	EVALFM	SIPB	COMPZN	SI FOR 60 MIN BUILD UP INITIAL SI - 25PSI 15MIN SI - 200PSI 30MIN SI - 340PSI 45MIN SI - 500PSI 60MIN SI - 550PSI
	23:30 - 01:00	1.50	EVALFM	TRIP	COMPZN	BLEED DN PRESSURE & POOH W/ UNDER REAMER.
	01:00 - 02:45	1.75	EVALFM	TRIP	COMPZN	TIH W/ 6 1/4" DRLG ASSEMBLY TO 7" CSG SHOE. RU TO SURGE.
9/2/2004	02:45 - 06:00	3.25	EVALFM	OTHR	COMPZN	PERFORM AIR ASSIST HYDRAULIC SURGE #1 PRESSURING UP THE DP TO 1050PSI & CSG TO 980PSI. PUMPED 3 GAL 450 FOAMER AHEAD OF SURGE FOLLOWED BY AIR- MIST & H2O @ 1 BPM TIL PRESSURE OF CSG REACHED 1000PSI. DROPPED AIR & PUMPED H2O TIL PRESSURE DROPPED TO 500PSI. REPEAT PROCESS TWICE MORE. RELEASE SURGE W/ RETURNS OF H2O, HVY MIST & WHITE FOAM TO SURFACE. CIRCULATE HOLE W/ 1600CFM AIR- MIST.
	06:00 - 07:00	1.00	EVALFM	TRIP	COMPZN	TIH PICKING UP DP TO 3675'. NO TAG . PULL BACK UP INSIDE 7" CSG.
	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:30 - 09:30	2.00	EVALFM	OTHR	COMPZN	PERFORM AIR ASSIST HYDRAULIC SURGE #2 PRESSURING UP THE DP TO 1150PSI & CSG TO 1000PSI. PUMPED 3 GAL 450 FOAMER AHEAD OF SURGE FOLLOWED BY AIR- MIST & H2O @ 1 BPM TIL PRESSURE REACHED 1000PSI. DROPPED AIR & PUMPED H2O TIL PRESSURE DROPPED TO APPROXIMATELY 500PSI. BROUGHT ON AIR- MIST & REPEATED PROCESS TWICE MORE. RELEASED SURGE W/ WELL BRINGING BACK HVY WHITE MIST, H2O & WHITE FOAM. CIRCULATE CSG CLEAN W/ 1600CFM AIR- MIST.
	09:30 - 10:00	0.50	EVALFM	PULD	COMPZN	TIH PICKING UP DP. TAG UP @ 3660'.
	10:00 - 12:30	2.50	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3631'- 3662' W/ 900CFM AIR, 06 BPH MIST W/ 1 GAL 450 FOAMER + 1/4 GAL INHIBITOR PR/ 10 BBLS OF

CONOCOPHILLIPS CO
Operations Summary Report

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Legal Well Name: SAN JUAN 32 FED 24 2A
Common Well Name: SAN JUAN 32 FED 24 2A
Event Name: COMPLETION
Contractor Name: KEY ENERGY SVCS
Rig Name: KEY 29

Spud Date: 7/22/2004
Start: 8/28/2004 End: 9/19/2004
Rig Release: 9/19/2004 Group:
Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/2/2004	10:00 - 12:30	2.50	EVALFM	OTHR	COMPZN	PRODUCED H2O. CIRCULATING PRESSURE- 360PSI. RETURNS OF MOD- LT COAL CHIPS(1/2"- 1/8" IN SIZE) & FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.
	12:30 - 16:00	3.50	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3662'- 93' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 360PSI. RETURNS OF MOD- LT COAL CHIPS & FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.
	16:00 - 16:15	0.25	EVALFM	PULD	COMPZN	PULL UP INSIDE 7" CSG LAYING DN 8- JTS OF 2 7/8" DP.
	16:15 - 23:00	6.75	EVALFM	OTHR	COMPZN	PERFORM AIR ASSIST PADDED SURGES #3, #4 & #5 PRESSURING UP THE DP TO 1000PSI & CSG TO 950PSI ON EACH BUILD UP. PUMPED 3 GAL OF 450 FOAMER AHEAD OF 1ST SURGE FOLLOWED BY 3 - 10BBL H2O PADS SPACED THROUGHOUT EACH BUILD UP. RELEASED SURGES W/ RETURNS OF BLK DUST, HVY GRAY MIST, H2O & WHITE- GRAY FOAM. SLT RETURN OF COAL CHIPS ON LAST SURGE. CIRCULATE CSG CLEAN.
	23:30 - 00:00	0.50	EVALFM	PULD	COMPZN	TIH PICKING UP DP. TAG UP @ 3480'.
	00:00 - 02:00	2.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3476'- 3507' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 360PSI. RETURNS OF LT COAL CHIPS & FINES. 1 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.
9/3/2004	02:00 - 06:00	4.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3508'- 39' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 360PSI. RETURNS OF MOD- LT COAL CHIPS & FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.
	06:00 - 06:30	0.50	EVALFM	SFTY	COMPZN	PULL UP INSIDE 7" CSG LAYING DN 8-JTS OF 2 7/8" DP.
	06:30 - 07:00	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:00 - 11:30	4.50	EVALFM	OTHR	COMPZN	PERFORM AIR ASSIST PAD SURGES #6 & #7 PRESSURING UP THE DP TO 1100PSI & CSG TO 950PSI ON EACH BUILD UP. PUMPED 3 GALS OF 450 FOAMER AHEAD OF 1ST SURGE FOLLOWED BY 3 - 10BBL H2O PADS SPACED THROUGHOUT EACH BUILD UP. RELEASED EACH SURGE W/ RETURNS OF BLK DUST, HVY GRAY MIST, H2O & GRAY FOAM W/ SOME SML COAL CHIPS TO SURFACE. CIRCULATE THE CSG CLEAN W/ 1600CFM AIR- MIST.
	11:30 - 11:45	0.25	EVALFM	PULD	COMPZN	TIH PICKING UP DP. TAG UP @ 3440'.
	11:45 - 14:00	2.25	EVALFM	OTHR	COMPZN	R&R CO COAL FROM 3414'- 45' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE - 350PSI. RETURNS OF MOD- LT COAL CHIPS(1/2"- 1/8" IN SIZE) & FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.
	14:00 - 16:30	2.50	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/ 10 BBLs OF PRODUCED H2O. RETURNS OF MOD - LT COAL CHIPS & FINES. 2 DN TO 1/2BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.
	16:30 - 16:45	0.25	EVALFM	OTHR	COMPZN	PU 2 JTS & TAG @ 3531'.
	16:45 - 01:30	8.75	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3508'- 39' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 360PSI. RETURNS OF HVY- LT COAL CHIPS & FINES. 3 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.
	01:30 - 06:00	4.50	EVALFM	OTHR	COMPZN	R&R CO RUNNING COAL FR 3539'-70' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 340PSI. RETURNS OF HVY COAL CHIPS(1/2"- 1/8" IN SIZE) & FINES. 6 DN TO 4 BKTS PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SAND & SHALE.

CONOCOPHILLIPS CO

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Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 24 2A

Common Well Name: SAN JUAN 32 FED 24 2A

Event Name: COMPLETION

Contractor Name: KEY ENERGY SVCS

Rig Name: KEY 29

Spud Date: 7/22/2004

Start: 8/28/2004

End: 9/19/2004

Rig Release: 9/19/2004

Group:

Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/4/2004	06:00 - 07:00	1.00	DRILL	CIRC	COMPZN	R&R CO RUNNING COAL FR 3539'-70' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 340PSI. RETURNS OF HVY COAL CHIPS(1/2"- 1/8" IN SIZE) & FINES. 6 DN TO 4 BKTS PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SAND & SHALE.
	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFTY MEETING
	07:30 - 19:00	11.50	DRILL	CIRC	COMPZN	R&R CO RUNNING COAL FR 3539' TO 3670" W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 340PSI. RETURNS OF HVY COAL CHIPS(1/2"- 1/8" IN SIZE) & FINES. 5 DOWN TO 4 BKTS PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SAND & SHALE.
	19:00 - 19:30	0.50	DRILL	CIRC	COMPZN	CREW CHANGE, SAFTY MEETING
	19:30 - 06:00	10.50	DRILL	CIRC	COMPZN	R&R CO AT 3670' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 340PSI. RETURNS OF HVY COAL CHIPS(1/2"- 1/8" IN SIZE) & FINES. 4DOWN TO 3 BKTS PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SAND & SHALE.
9/5/2004	06:00 - 07:00	1.00	DRILL	CIRC	COMPZN	R&R CO AT 3670' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 340PSI. RETURNS OF HVY COAL CHIPS(1/2"- 1/8" IN SIZE) & FINES. 3DOWN TO 3 BKTS PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SAND & SHALE.
	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFTY MEETING.
	07:30 - 11:00	3.50	DRILL	CIRC	COMPZN	R&R CO AT 3670' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 340PSI. RETURNS OF HVY COAL CHIPS(1/2"- 1/8" IN SIZE) & FINES. DOWN TO 1 BKT PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SAND & SHALE. CUT WATER, DRY UP HOLE.
	11:00 - 11:30	0.50	RPEQPT	PULD	COMPZN	PULL BIT INTO 7" FOR FLOW TEST.
	11:30 - 12:30	1.00	FLOWT	PRDT	COMPZN	FLOW TEST, 15/MIN-10 PSI=970 MCF, 30/MIN-18 PSI=1304 MCF, 45/MIN-20 PSI=1374 MCF, 60/MIN-21 PSI= 1394 MCF.
	12:30 - 14:00	1.50	EVALFM	SIPB	COMPZN	BUILD UP TEST, ISIP=60 PSI, 15/MIN=160 PSI, 30/MIN=290 PSI, 45/MIN=480 PSI, 60/MIN=500 PSI. OPEN HCR VALVES, SURGE PRESSURE.
	14:00 - 14:30	0.50	RPEQPT	PULD	COMPZN	TIH TAG AT 3440', PULL BACK UP INTO 7"
	14:30 - 17:30	3.00	STIMOP	STIM	COMPZN	CONDUCT 2 PAD SURGES, RETURNS LIGHT FINE COAL.
	17:30 - 18:00	0.50	RPEQPT	PULD	COMPZN	TIH, TAG FILL AT 3440', PULL BACK INTO 7"
	18:00 - 21:00	3.00	STIMOP	STIM	COMPZN	CONDUCT 2 HYDROIC SURGES, RETURNS MEDIUM TO LIGHT COAL FINES
	21:00 - 21:30	0.50	RPEQPT	PULD	COMPZN	TIH, TAG FILL AT 3430', PULL BACK INTO 7"
	21:30 - 23:00	1.50	STIMOP	STIM	COMPZN	CONDUCT 1 HYDROIC SURGE, RETURNS MEDIUM TO LIGHT COAL FINES
	23:00 - 06:00	7.00	RPEQPT	PULD	COMPZN	TIH TAG BRIDG AT 3360' R&R CO' W/ 900CFM AIR- MIST. TIH, TAG FILL AT 3430 CIRCULATING PRESSURE- 340 PSI. RETURNS OF HVY COAL CHIPS(1/2"- 1/8" IN SIZE) & FINES. 4 TO 7 BKTS PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SAND & SHALE.
9/6/2004	06:00 - 07:00	1.00	DRILL	CIRC	COMPZN	CLEANING OUT AT 3430' W/ 900CFM AIR- MIST. TIH, TAG FILL AT 3430 CIRCULATING PRESSURE- 340 PSI. RETURNS OF HVY COAL CHIPS(1/2"- 1/8" IN SIZE) & FINES. 4 DOWN TO 2 BKTS PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SAND & SHALE.
	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFTY MEETING.
	07:30 - 17:00	9.50	DRILL	CIRC	COMPZN	CLEANING OUT FROM 3430'-3476" W/ 900CFM AIR- MIST. TIH, TAG FILL AT 3430 CIRCULATING PRESSURE- 340 PSI. RETURNS OF HVY COAL CHIPS(1/2"- 1/8" IN SIZE) & FINES. 2 TO 3 BKTS PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SAND & SHALE.
	17:00 - 17:30	0.50	RPEQPT	PULD	COMPZN	PULL BIT INTO 7"
	17:30 - 20:30	3.00	STIMOP	STIM	COMPZN	CONDUCT 1 PAD SURGE.
	20:30 - 21:30	1.00	RPEQPT	PULD	COMPZN	TIH TAG AT 3360', START CIRCULATING, HOLE GOT TIGHT ,

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 24 2A

Common Well Name: SAN JUAN 32 FED 24 2A

Event Name: COMPLETION

Contractor Name: KEY ENERGY SVCS

Rig Name: KEY 29

Start: 8/28/2004

Rig Release: 9/19/2004

Rig Number: 29

Spud Date: 7/22/2004

End: 9/19/2004

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/6/2004	20:30 - 21:30	1.00	RPEQPT	PULD	COMPZN	STUCK PIPE.
	21:30 - 03:00	5.50	DRILL	DRLG	COMPZN	LOST CIRCULATION, BY PASS AIR, WORK PIPE FREE.
	03:00 - 06:00	3.00	DRILL	CIRC	COMPZN	HOLE UNLOADED, CIRCULATE HOLE WITH 900 CFM AIR/MIST, RETURNS 4 TO 5 BKTS PER HR AT SAMPLE CATCHER.
9/7/2004	06:00 - 11:00	5.00	EVALFM	OTHR	COMPZN	R&R CO COAL @ 3360' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 360PSI. RETURNS OF MOD- LT COAL CHIPS & FINES. 2 1/2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.
	11:00 - 11:30	0.50	EVALFM	TRIP	COMPZN	TIH PICKING UP DP. TAG UP @ 3450'. PULL BACK UP INSIDE 7" CSG SHOE.
	11:30 - 23:00	11.50	EVALFM	OTHR	COMPZN	PERFORM AIR ASSIST PAD SURGES #13, #14 & #15 PRESSURING UP THE DP TO 1150PSI & CSG TO 850PSI ON EACH BUILD UP. PUMPED 1 GAL 450 FOAMER AHEAD OF 1ST SURGE FOLLOWED BY 3 - 10 BBL H2O PADS SPACED THROUGHOUT EACH BUILD UP. RELEASED EACH SURGE W/ RETURNS OF BLK DUST, HVY GRAY MIST, GRAY H2O & SOME LT COAL TO SURFACE ON 1ST TWO, MOD COAL ON FINAL SURGE. CIRCULATED CSG CLEAN INBETWEEN SURGES. ALSO CHECKED FOR FILL EACH TIME. 1ST TAG- 3440', 2ND TAG- 3432'.
9/8/2004	23:00 - 06:00	7.00	EVALFM	OTHR	COMPZN	CIRCULATING UP INSIDE 7" CSG AFTER 3RD SURGE W/ WELL BRINGING BACK HVY- LT COAL CHIPS(1/2" INSIZE). 4 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE. ALSO HAVING DECK ENGINE PROBLEMS. ENGINE DYING PERIODICALLY.
	06:00 - 11:00	5.00	EVALFM	OTHR	COMPZN	CIRCULATE INSIDE 7" CSG SHOE. REPAIR KILL SWITCH ON DECK ENGINE.
	11:00 - 11:30	0.50	EVALFM	PULD	COMPZN	TIH & TAG FILL @ 3435'. PULL BACK UP.
	11:30 - 18:00	6.50	EVALFM	OTHR	COMPZN	PERFORM AIR ASSIST HYDRAULIC SURGES #16, #17 & #18 AS PER PROCEDURE. RELEASE SURGES W/ RETURNS OF BLK DUST, HVY GRAY MIST, H2O & FOAM W/ SOME SML COAL CHIPS. CIRCULATE EACH SURGE AROUND W/ 1400CFM AIR- MIST. TRIP IN & TAG FILL EACH TIME @ 3430', 3430' & A BRIDGE @ 3382'.
	18:00 - 19:15	1.25	EVALFM	OTHR	COMPZN	R&R CO BRIDGE @ 3382' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 360PSI. RETURNS OF HVY- LT COAL CHIPS(1/2" IN SIZE). 4 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE. TI & TAG @ 3430'.
	19:15 - 19:30	0.25	EVALFM	SFTY	COMPZN	CREW CHANGE & SAFETY MEETING.
	19:30 - 01:30	6.00	EVALFM	OTHR	COMPZN	PULL UP TO SURGE. PERFORM AIR ASSIST HYDRAULIC SURGES #19 & #20 AS PER PROCEDURE. RELEASE SURGES W/ RETURNS OF HVY BLK DUST, HVY GRAY MIST, H2O & GRAY FOAM W/ SOME SML COAL CHIPS. CIRCULATE INBETWEEN SURGES W/ 1400CFM AIR- MIST. TI & TAG FILL @ 3430' AFTER THE 1ST SURGE & A BRIDGE @ 3358' AFTER THE 2ND.
	01:30 - 04:00	2.50	EVALFM	OTHR	COMPZN	R&R CO BRIDGE @ 3358' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 360PSI. RETURNS OF HVY- LT COAL CHIPS(1/2" IN SIZE). 3 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE. TI & TAG UP @ 3430'. PULL UP TO SURGE.
9/9/2004	04:00 - 06:00	2.00	EVALFM	OTHR	COMPZN	BUILD AIR ASSIST HYDRAULIC SURGE #21 (AS PER PROCEDURE).
	06:00 - 11:00	5.00	EVALFM	OTHR	COMPZN	RELEASE SURGE #21 W/ BLK DUST, HVY GRAY MIST, H2O & FOAM TO SURFACE. SML AMT OF COAL CHIPS TO SURFACE @ END OF SURGE. CIRCULATE CSG CLEAN. TIH & TAG UP @ 3428'. PULL UP TO SURGE AGAIN. PERFORM AIR ASSIST HYDRAULIC

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 24 2A

Common Well Name: SAN JUAN 32 FED 24 2A

Event Name: COMPLETION

Contractor Name: KEY ENERGY SVCS

Rig Name: KEY 29

Spud Date: 7/22/2004

Start: 8/28/2004

End: 9/19/2004

Rig Release: 9/19/2004

Group:

Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/9/2004	06:00 - 11:00	5.00	EVALFM	OTHR	COMPZN	SURGE #22 AS PER PROCEDURE. RELEASE SURGE W/ RETURNS OF BLK DUST, HVY GRAY MIST, H2O & FOAM W/ LOTS OF COAL CHIPS TO SURFACE AT END OF SURGE. CIRCULATE CSG CLEAN. TIH & TAG BRIDGE @ 3358'.
	11:00 - 12:30	1.50	EVALFM	OTHR	COMPZN	R&R CO COAL BRIDGE @ 3358' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL CHIPS. 1 DN TO 1/2BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.
	12:30 - 19:00	6.50	EVALFM	OTHR	COMPZN	TIH & TAG @ 3414'. R&R CO COAL FR 3410'- 43' W/ 1400CFM AIR, 06 BPH MIST W/ 1 GAL 450 FOAMER+ 1/4 GAL INHIBITOR PR/ 10BBLs OF PRODUCED H2O. CIRCULATING PRESSURE- 400PSI. RETURNS OF HVY COAL CHIPS(1/2"- 1/4" IN SIZE) 4 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.
	19:00 - 19:15	0.25	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	19:15 - 06:00	10.75	EVALFM	OTHR	COMPZN	R&R CO RUNNING COAL FR 3410'- 43' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 420PSI. RETURNS OF HVY COAL CHIPS & MOD COAL FINES. 6 DN TO 4 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.
9/10/2004	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3410'- 43' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF HVY COAL CHIPS & FINES. 4 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 3410'- 43' W/ 1400CFM AIR, 06 BPH MIST W/ 1 GAL 450 FOAMER+ 1/4 GAL INHIBITOR PR/ 10 BBLs OF PRODUCED H2O. CIRCULATING PRESSURE- 400PSI. RETURNS OF HVY- LT COAL CHIPS & FINES. 4 DN TO 3/4 BKT PR/ HR FR SAMPLE CATCHER. @ 09:00, PICKED UP AN INCREASE OF SHALE RETURNS(40%- 25%) BY DAYS END.
	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 & SHALE FR 3443'-48' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF HVY COAL & SHALE CHIPS & COAL FINES. 6 DN TO 4 1/2 BKTS PR/ HR FR SAMPLE CATCHER. 75% COAL, 25% SHALE.
9/11/2004	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	R&R CO RUNNING COAL FR 3444'- 58' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. HVY COAL & SHALE CHIPS & MOD COAL FINES. 4 BKTS PR/ HR FR SAMPLE CATCHER. 75% 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 3444'- 75' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF HVY- LT COAL & SHALE CHIPS & MOD- LT COAL FINES. 4 DN TO 1 1/2 BKTS PR/ HR FR SAMPLE CATCHER. 80% COAL, 20% SHALE. WORK THROUGH TIGHT HOLE FR 3460'- 75'.
	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 3444'- 75' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL & SHALE CHIPS & MOD- LT COAL FINES. 1 1/2 BKTS PR/ HR FR SAMPLE CATCHER. 80% COAL, 20% SHALE. WORK THROUGH TIGHT HOLE FR 3465'- 75'
9/12/2004	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3444'- 75' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL & SHALE CHIPS & COAL FINES. 1 1/2 DN TO 1 BKT PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SHALE.

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 24 2A
 Common Well Name: SAN JUAN 32 FED 24 2A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY 29

Spud Date: 7/22/2004
 Start: 8/28/2004 End: 9/19/2004
 Rig Release: 9/19/2004 Group:
 Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/12/2004	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:30 - 09:30	2.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3444'- 75' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL & SHALE CHIPS & COAL FINES. 1 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SHALE.
	09:30 - 11:00	1.50	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3476'- 3507' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL & SHALE CHIPS & COAL FINES. 1 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SHALE.
	11:00 - 19:00	8.00	EVALFM	OTHR	COMPZN	R&R CO RUNNING COAL FR 3507'- 38' W/ 1400CFM AIR, 06 BPH MIST W/ 1GAL 450 FOAMER+ 1/2 GAL INHIBITOR PR/ 10BBLs OF PRODUCED H2O. CIRCULATING PRESSURE- 420PSI. RETURNS OF HVY COAL CHIPS & FINES. 6 DN TO 4 BKTS PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SHALE.
	19:00 - 19:15	0.25	EVALFM	SFTY	COMPZN	CREW CHANGE & SAFETY MEETING.
9/13/2004	19:15 - 06:00	10.75	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3507'- 38' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF HVY- MOD COAL CHIPS & FINES. 4 DN TO 2 BKTS PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SHALE.
	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3507'- 38' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 420PSI. MOD COAL CHIPS & FINES. 2 DN TO 1 1/2BKTS PR/ HR FR SAMPLE CATCHER. 90% COAL, 05% 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 3507'- 38' W/ 1400 CFM AIR, 06 BPH MIST W/ 1GAL 450 FOAMER+ 1/4 GAL INHIBITOR PR/ 10 BBLs OF PRODUCED H2O. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD- LT COAL CHIPS & FINES. 1 1/2 DN TO 1/2 BKT PR HR FR SAMPLE CATCHER. 90% COAL, 10% SHALE.
	12:00 - 14:00	2.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3539'- 69' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL CHIPS & FINES. 1 1/2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SHALE.
9/14/2004	14:00 - 19:00	5.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3570'- 3600' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL CHIPS & FINES. 1 1/2 BKTS PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% 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 3570'- 3600' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 440PSI. RETURNS OF HVY- LT COAL CHIPS & FINES. 6 DN TO 1 BKT PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SHALE.
	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3570'- 3600' W/ 1400 CFM AIR- MIST. CIRCULATING PRESSURE- 420PSI. RETURNS OF LT COAL FINES. 1 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SHALE.
	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
9/14/2004	07:30 - 09:30	2.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3601'- 32' W/ 1400 CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL CHIPS & FINES. 1 1/2 DN TO 1/2BKT PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SHALE.
	09:30 - 11:30	2.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3632'- 62' W/ 1400 CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL CHIPS & FINES. 1 1/2 DN TO 1/2BKT PR/ HR FR SAMPLE CATCHER. 90% COAL, 10%

CONOCOPHILLIPS CO

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Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 24 2A

Common Well Name: SAN JUAN 32 FED 24 2A

Event Name: COMPLETION

Contractor Name: KEY ENERGY SVCS

Rig Name: KEY 29

Spud Date: 7/22/2004

Start: 8/28/2004

End: 9/19/2004

Rig Release: 9/19/2004

Group:

Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/14/2004	09:30 - 11:30	2.00	EVALFM	OTHR	COMPZN	SHALE.
	11:30 - 19:00	7.50	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3662'- 93' W/ 1400 CFM AIR, 06 BPH MIST W/ 1 GAL 450 FOAMER+ 1/4 GAL INHIBITOR PR/ 10 BBLS OF PRODUCED H2O. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL CHIPS & MOD COAL FINES. 2 BKTS PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% 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 COAL FR 3662'- 93' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD- LT COAL FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SHALE.
9/15/2004	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3662'- 93' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 380PSI. RETURNS OF LT COAL FINES. 1/2 BKT PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SHALE.
	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:30 - 08:00	0.50	EVALFM	PULD	COMPZN	PULL UP INSIDE 7" CSG LAYING DN 10- JTS OF 2 7/8" DP.
	08:00 - 09:00	1.00	EVALFM	PRDT	COMPZN	CONDUCT FLOW TEST THROUGH 2" CHOKE MANIFOLD INITIAL FLOW - 40PSI MANIFOLD, PITOT - 10PSI(1.98MMCFD) 15MIN FLOW - 44PSI MANIFOLD, PITOT - 11PSI(2.03MMCFD) 30MIN FLOW - 44PSI MANIFOLD, PITOT - 11PSI(2.03MMCFD) 45MIN FLOW - 44PSI MANIFOLD, PITOT - 11PSI(2.03MMCFD) LT MIST 60MIN FLOW - 44PSI MANIFOLD, PITOT - 11PSI(2.03MMCFD) LT MIST
	09:00 - 10:00	1.00	EVALFM	SIPB	COMPZN	SI FOR 60 MIN BUILD UP. INITIAL SI - 80PSI 15MIN SI - 200PSI 30MIN SI - 320PSI 45MIN SI - 400PSI 60MIN SI - 420PSI
	10:00 - 14:00	4.00	EVALFM	OTHR	COMPZN	RELEASE SI PRESSURE AS A NATURAL SURGE. GAS TO SURFACE. CONTINUE TO FLOW WELL NATURAL THROUGH BOTH BLOOIE LINES.
	14:00 - 17:45	3.75	EVALFM	PULD	COMPZN	TIH PICKING UP DP. TAG & CIRCULATE THROUGH A NUMBER OF BRIDGES @ 3436', 3565', 3584' & 3630'.
	17:45 - 19:00	1.25	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3601'- 32' W/ 1400CFM AIR, 06 BPH MIST W/ 3 GAL 450 FOAMER+ 1/4 GAL INHIBITOR + 2 GAL IMI 744 POLYMER PR/ 10BBLS OF PRODUCED H2O. CIRCULATING PRESSURE- 380PSI. RETURNS OF HVY COAL CHIPS & FINES. 3 BKTS PR/ HR FR SAMPLE CATCHER. 85% COAL, 15% SHALE.
	19:00 - 19:15	0.25	EVALFM	SFTY	COMPZN	CREW CHANGE & SAFETY MEETING.
	19:15 - 05:00	9.75	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3601'- 32' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 380PSI. RETURNS OF MOD COAL CHIPS & HVY- LT COAL FINES. 4 DN TO 1/2BKT PR/ HR FR SAMPLE CATCHER. 85% COAL, 15% SHALE.
	05:00 - 06:00	1.00	EVALFM	OTHR	COMPZN	R&R CO COAL @ 3632' W/ 1400CFM AIR- MIST. WO CIRCULATION.
9/16/2004	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3632'- 62' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 420PSI. RETURNS OF LT COAL CHIPS & FINES. 1 1/2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 85% COAL, 15% SHALE.
	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:30 - 10:00	2.50	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3663'- 93' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 420PSI. RETURNS OF MOD- LT COAL FINES. 2 DN TO 1/2BKT PR/ HR FR SAMPLE CATCHER. 85% COAL, 15% SHALE.

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 24 2A
 Common Well Name: SAN JUAN 32 FED 24 2A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY 29

Spud Date: 7/22/2004
 Start: 8/28/2004 End: 9/19/2004
 Rig Release: 9/19/2004 Group:
 Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/16/2004	10:00 - 14:30	4.50	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3693'- 3723' W/ 1400 CFM AIR, 06 BPH MIST W/ 8 GAL 450 FOAMER+ 1/4 GAL INHIBITOR & 3 GAL EG- 111 POLYMER PR/ 10BBLS OF PRODUCED H2O. CIRCULATING PRESSURE- 440PSI. RETURNS OF MOD- LT COAL FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 85% COAL, 15% SHALE.
	14:30 - 16:00	1.50	EVALFM	PULD	COMPZN	PULL UP INSIDE 7" CSG LAYING DN 12- JTS OF 2 7/8" DP. FLOW NATURAL 60 MIN.
	16:00 - 17:15	1.25	EVALFM	PULD	COMPZN	TIH & TAG BRIDGE @ 3452'. BREAK CIRCULATION & CO BRIDGE. CONTINUE IN HOLE & TAG FILL ON BOTTOM @ 3710'(18' FILL).
	17:15 - 19:00	1.75	EVALFM	OTHR	COMPZN	R&R CO COAL FILL FR 3710'- 3728' W/ 1400CFM AIR- MIST.
	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 & CONDITION HOLE FR 3693'- 3723' W/ 1400CFM AIR, 06 BPH MIST W/ 8 GAL 450 FOAMER+ 1/4 GAL INHIBITOR & 3 GAL POLYMER PR/ 10BBLS OF PRODUCED H2O. CIRCULATING PRESSURE- 440PSI. RETURNS OF HVY TO LT COAL CHIPS & FINES. 3 DN TO 1 BKT PR/ HR FR SAMPLE CATCHER. 85% COAL, 15% SHALE.
9/17/2004	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	R&R CO COAL & RUNNING SHALE FR 3693'- 3723' W/ 1400CFM AIR, 06 BPH MIST W/ 8 GAL 450 FOAMER+ 1/4 GAL INHIBITOR, 4 GAL EG- 111 POLY & 1GAL EMI- 744 POLY PR/ 10 BBLS OF PRODUCED H2O. CIRCULATING PRESSURE- 480PSI. RETURNS OF HVY COAL & SHALE CHIPS & LT COAL FINES. 6 BKTS PR/ HR FR SAMPLE CATCHER. 50% COAL, 50% 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 & SHALE FR 3693'- 3723' W/ 1400CFM AIR, 06 BPH MIST W/ 8 GAL 450 FOAMER+ 1/4 GAL INHIBITOR, 4 GAL EG- 111 POLY & 2GALS EMI- 744 POLY PR/ 10 BBLS OF PRODUCED H2O. CIRCULATING PRESSURE- 480PSI. RETURNS OF HVY - MOD COAL & SHALE CHIPS & LT COAL FINES. 6 DN TO 2 BKTS PR/ HR FR SAMPLE CATCHER. 70% COAL, 30% SHALE.
	19:00 - 19:15	0.25	EVALFM	SFTY	COMPZN	CREW CHANGE & SAFETY MEETING.
	19:15 - 05:00	9.75	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3693'- 3723' W/ 1400CFM AIR- MIST + ADDITIVES. CIRCULATING PRESSURE- 480PSI. RETURNS OF MOD - LT COAL & SHALE CHIPS & LT COAL FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 75% COAL, 25% SHALE.
	05:00 - 06:00	1.00	EVALFM	TRIP	COMPZN	PULL UP INSIDE 7" CSG LAYING DN 12- JTS OF 2 7/8" DP. HANG SWIVEL & POOH W/ BIT.
9/18/2004	06:00 - 07:00	1.00	EVALFM	TRIP	COMPZN	CONTINUE POOH W/ 6 1/4" DRLG ASSEMBLY.
	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:30 - 08:30	1.00	EVALFM	RURD	COMPZN	RU TO RUN 5 1/2" PRODUCTION LINER. PRESSURE TEST BLIND & 5 1/2" CSG RAMS.
	08:30 - 11:30	3.00	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(404' TOTAL). MU 5 1/2" x 7" H- LATCH DROP OFF SET COLLAR ON TOP. TIH W/ 2 7/8" DP. TAG BRIDGE ON BOTTOM @ 3720'.
	11:30 - 12:00	0.50	EVALFM	OTHR	COMPZN	BREAK CIRCULATION W/ 1400CFM AIR- MIST. CIRCULATE CSG DN TO TD(3728'). SET & RELEASE 5 1/2" CSG LINER W/ BOTTOM OF BIT @ 3728', PBTD @ 3726' & LINER TOP @ 3319'.
	12:00 - 15:00	3.00	EVALFM	PULD	COMPZN	POOH W/ SETTING TOOL LAYING DN DP & DCS.
	15:00 - 17:00	2.00	EVALFM	PERF	COMPZN	RU BLUE JET WL. PERFORATE THE FRUITLAND COALS W/ 248 - .75" HOLES, 4 - JSPF AS FOLLOWS: 3666'- 70', 3588'- 92', 3576'- 86', 3558'- 64', 3534'- 38', 3444'- 52', 3432'- 41', 3420'- 29' & 3384'- 92'. ALL SHOTS FIRED OK. SWIFD.

Operations Summary Report

Legal Well Name: SAN JUAN 32 FED 24 2A

Common Well Name: SAN JUAN 32 FED 24 2A

Event Name: COMPLETION

Contractor Name: KEY ENERGY SVCS

Rig Name: KEY 29

Spud Date: 7/22/2004

Start: 8/28/2004

End: 9/19/2004

Rig Release: 9/19/2004

Group:

Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/19/2004	07:00 - 08:00	1.00	EVALFM	SFTY	COMPZN	SAFETY MEETING. SLOWLY BLEED DN 620PSI CSG PRESSURE. MU 2 7/8" x 30' MUD ANCHOR, XO & 2 3/8" x 1.78" F NIPPLE ON BOTTOM OF 1-JT OF 2 3/8", 4.7# EUE TBG. TIH PICKING UP 115 ADDITIONAL JTS & 16' OF SUBS. LAND TBG HANGER IN WELLHEAD W/BOTTOM OF MA @ 3723' KB. TOP OF F NIPPLE @ 3691'.
	08:00 - 11:00	3.00	EVALFM	PULD	COMPZN	
	11:00 - 13:00	2.00	EVALFM	NUND	COMPZN	
9/20/2004	13:00 - 16:00	3.00	EVALFM	PULD	COMPZN	ND BOP STACK. NU B-1 ADAPTER FLANGE, PUMPING T & RADIGAN. CONDUCT FLOW TEST THROUGH 2" CHOKE MANIFOLD INITIAL FLOW - MANIFOLD- 58PSI, PITOT- 14PSI(2.33MCFD) LT MIST 15MIN FLOW - MANIFOLD- 68PSI, PITOT- 17PSI(2.60MMCFD)MED MIST 30MIN FLOW - MANIFOLD- 68PSI, PITOT- 17PSI(2.60MMCFD) HVY MIST45MIN FLOW - MANIFOLD- 68PSI. PITOT- 17PSI(2.60MMCFD) HVY MIST 60MIN FLOW - MANIFOLD- 68PSI, PITOT- 17PSI(2.60MMCFD) HVY MIST PU 2" x 1 1/4" x 12' RHAC ROD PUMP(#CP-163) & CHECK ACTION. TIH PICKING UP 147- 25'x 3/4" RODS. SEAT PUMP & SPACE OUT ON SURFACE W/ A 6'x 3/4" PONY SUB & 22'x 1 1/2" POLISH ROD.TIGHTEN UP STUFFING BOX. LOAD TBG W/ PRODUCED H2O & PRESSURE TEST TO 500PSI. MANUALLY STROKE PUMP & PRESSURE UP TBG TO 850PSI. HELD OK. BLEED OFF PRESSURE. CLAMP & HANG OFF POLISH ROD W/ PUMP STROKE 4" OFF TAG. BEGIN RIGGING DN EQUIPMENT. SDFD. SAFETY MEETING. RD KEY #29 TO MOVE. JOB COMPLETE.
	16:00 - 17:00	1.00	EVALFM	RURD	COMPZN	
	07:00 - 07:30	0.50	EVALFM	SFTY	DEMOB	
9/20/2004	07:30 - 15:00	7.50	EVALFM	RURD	DEMOB	