

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.  
NMSF079029

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. NMM78424B	
2. Name of Operator CONOCOPHILLIPS COMPANY		8. Lease Name and Well No. SAN JUAN 32-8 UNIT 241A	
3. Address PO BOX 2197 WL3 6054 HOUSTON, TX 77252		9. API Well No. 30-045-32332-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements) Sec 4 T31N R8W Mer NMP At surface SWSE 1230FSL 1590FEL 36.92206 N Lat, 107.67639 W Lon At top prod interval reported below At total depth		10. Field and Pool, or Exploratory BASIN FRUITLAND COAL	
14. Date Spudded 06/18/2004		15. Date T.D. Reached 07/09/2004	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready-to-Prod. 08/05/2004		17. Elevations (DF, KB, RT, GL)* 6640 GL	
18. Total Depth: MD 3597 TVD		19. Plug Back T.D.: MD 3595 TVD	
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	32.0	0	235		150		0	
8.750	7.000 J-55	20.0	0	3295		535		0	
6.250	5.500 J-55	16.0	3237	3597		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	3582							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	3322	3520	3322 TO 3520	0.750	252	OPEN
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/05/2004	08/04/2004	24	→	0.0	3311.0	1.0			GAS PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
2" PITOT	SI	345.0	→	0	3311	1		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.	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)

ELECTRONIC SUBMISSION #34266 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED

ACCEPTED FOR RECORD

AUG 10 2004

FARMINGTON FIELD OFFICE

NMOC

## 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	911		NACIMIENTO	688
NACIMIENTO	911	2221		OJO ALAMO	2292
OJO ALAMO	2221	2325		KIRTLAND	2363
				FRUITLAND	3112
				PICTURED CLIFFS	3542

## 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 #34266 Verified by the BLM Well Information System.  
For CONOCOPHILLIPS COMPANY, sent to the Farmington  
Committed to AFMSS for processing by ADRIENNE BRUMLEY on 08/10/2004 (04AXB3128SE)

Name (please print) JUANITA FARRELL

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 08/09/2004

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 \*\***

END OF WELL SCHEMATIC

Well Name: San Juan 32-8 #241A  
API #: 30-045-32332  
Location: 1230' FSL & 1590' FEL  
Sec. 4 - T31N - R8W  
San Juan County, NM  
Elevation: 6640' GL (above MSL)  
Dri Rig RKB: 13' above Ground Level  
Datum: Dri Rig RKB = 13' above GL

Spud: 18-Jun-04  
Release Dri Rig: 22-Jun-04  
Move In Cav Rig: 1-Jul-04  
Release Cav Rig: 4-Aug-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: 18-Jun-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 ft  
TD of 12-1/4" hole 245 ft

Notified BLM @ 2035 hrs on 15-Jun-04  
Notified NMOCD @ 2035 hrs on 15-Jun-04

**Intermediate Casing** Date set: 21-Jun-04  
Size 7 in 78 jts  
Set at 3295 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 TD of 8-3/4" Hole 3303 ft  
Pup @ ft  
Top of Float Collar 3250 ft  
Bottom of Casing Shoe 3295 ft

Notified BLM @ 0812 hrs on 20-Jun-04  
Notified NMOCD @ 0812 hrs on 20-Jun-04

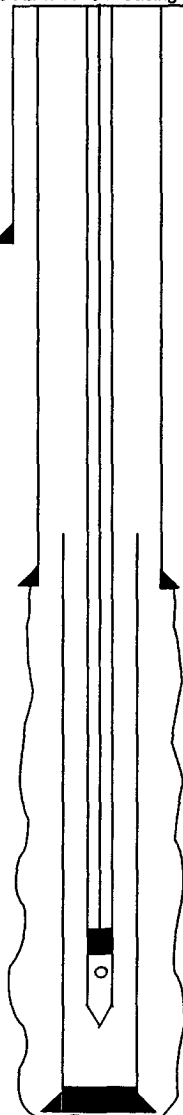
**Production Liner** Date set: 02-Aug-04  
Size 5 1/2 in  
Nominal Wt. 15.5 ppf  
Grade J-55 Connections: LTC  
# Jnts: 8  
Hole Size 6.25 / 9.5 inches  
Underreamed 6-1/4" hole to 9.5" from 3300' to 3597'  
Top of Liner 3237 ft  
PBSD 3595 ft  
Bottom of Liner 3597 ft

This well was cavitated.

☒ New  
☐ Used

☒ New  
☐ Used

☒ New  
☐ Used



TD 3,597 ft

**Surface Cement**

Date cmt'd: 19-Jun-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: 15.0 bbls fresh wtr  
Bumped Plug at: 00:55 hrs w/ 280 psi  
Final Circ Press: 30 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 9.00 hrs (plug bump to test csg)

**Intermediate Cement**

Date cmt'd: 21-Jun-04  
Lead : 435 sx Class G Cement  
+ 3% D079 Extender  
+ 0.25 lb/sx D029 Cellophane Flakes  
+ 0.2% D046 Antifoam  
2.61cuft/sx, 1135.4 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: 16:12 hrs w/ 1480 psi  
Final Circ Press: 805 psi at 2 bpm  
Returns during job: YES  
CMT Returns to surface: 32 bbls  
Floats Held: ☒ Yes ☐ No

**UNCEMENTED LINER**

Schematic prepared by:  
Steven O. Moore, Drilling Engineer  
7-Aug-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 @ 190'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 225', 146', 103' & 59'. Total: 4
7" Intermediate	DISPLACED W/20 BBLs. FRESH WATER & 112 BBLs. 8.4 PPG SLIGHTLY POLYMERIZED DRILL WATER CENTRALIZERS @ 3285', 3207', 3121', 3039', 2955', 2868', 206', 79' & 39'. TURBOLIZERS @ 2396', 2353' & 2309'. Total: 9 Total: 3
5.5" Liner	Ran 6-1/4" bit & 3-1/2" OD 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: 3322'-3326', 3347'-3356', 3378'-3383', 3388'-3390', 3442'-3456', 3458'-3464', 3488'-3490', 3490'-3493', 3497'-3502', 3505'-3512', 3514'-3520'. TOTAL SHOTS = 252.
Tubing	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 expendable check, 2-3/8" OD (1.78" ID) F-Nipple, 109 jts 2-3/8" 4.7# J-55 EUE 8rd tubing Bottom of Mud Anchor at 3582'. F-Nipple at 3551' MD RKB.
Pump & Rods	12" long strainer attached below 1-1/2" RWAC-Z insert pump with 1 ea 4' long x 3/4" OD pony rod on top of pump 141 ea 3/4" OD rods, spaced out with 1 ea 8' & 1 ea 6' x 3/4" OD pony rods & 1 ea 1-1/4" OD x 22' polished rod Set pump in F-Nipple at 3551' MD RKB

**CONOCOPHILLIPS CO**  
**Operations Summary Report**

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Legal Well Name: SAN JUAN 32-8 UNIT 241A  
Common Well Name: SAN JUAN 32-8 UNIT 241A  
Event Name: COMPLETION  
Contractor Name: KEY ENERGY SVCS  
Rig Name: KEY 18

Spud Date: 6/18/2004  
Start: 7/1/2004  
End:  
Rig Release: 8/4/2004  
Group:  
Rig Number: 18

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/2/2004	07:00 - 07:30	0.50	MOVE	SFTY	COMPZN	PJSM AND JSA WITH ALL PERSONNEL ON LOCATION.
	07:30 - 11:30	4.00	MOVE	MOB	COMPZN	MOVE RIG AND SPOT EQUIPMENT, RIG UP. MOVED TO THE SAN JUAN 32-8 #241A SEC 4 - T31N - R8W 1230'FSL 1590'FEL
7/7/2004	11:30 - 17:00	5.50	RIGMNT	RURD	COMPZN	RIG UP, RIG MAINTENANCE, WELD ON RIG AND LIGHT PLANT.
	17:00 - 06:00	13.00	MOVE	OTHR	COMPZN	2 MEN DRY WATCHING RIG.
	07:00 - 07:30	0.50	MOVE	SFTY	MIRU	SAFETY MEETING & JSA REVIEW @ START OF OPERATION'S
	07:30 - 19:00	11.50	MOVE	RURD	MIRU	RU RIG & EQUIPMENT = INSPECTION OF DC'S & SUB'S BY TUBOSCOPE, GOOD INSPECTION = COMPLETE STACK & CHOKE MANIFOLD REBUILD BY W.S.I. = NU BOP'S DID NOT LINE UP BECAUSE OF MUD CROSS & HCR VALVE'S FLANGE'S DID NOT FIT = ND STACK & SENT TO TOWN
7/8/2004	19:00 - 06:00	11.00	MOVE	OTHR	MIRU	SAFETY MEETING & JSA REVIEW @ START OF OPERATION'S = DRY WATCH RIG & EQUIPMENT
	06:00 - 07:00	1.00	MOVE	OTHR	MIRU	DRY WATCH RIG & EQUIPMENT
	07:00 - 07:30	0.50	MOVE	SFTY	MIRU	SAFETY MEETING & JSA REVIEW @ START OF OPERATION'S
	07:30 - 13:00	5.50	MOVE	RURD	MIRU	RU GROUND LINE'S & WAIT ON MUD CROSS, HCR VALVE'S
	13:00 - 19:00	6.00	MOVE	RURD	MIRU	NU STACK & RU BLOOIE LINE'S, CHOKE MANIFOLD & LINE'S = S.D.O.N.
7/9/2004	19:00 - 19:30	0.50	MOVE	SFTY	MIRU	SAFETY MEETING & JSA REVIEW @ START OF OPERATION'S
	19:30 - 06:00	10.50	MOVE	OTHR	MIRU	DRY WATCH RIG & EQUIPMENT
	06:00 - 07:00	1.00	MOVE	OTHR	MIRU	DRY WATCH RIG & EQUIPMENT
	07:00 - 07:30	0.50	MOVE	SFTY	MIRU	SAFETY MEETING & JSA REVIEW @ START OF ALL OPERATION'S
	07:30 - 09:00	1.50	EVALFM	OTHR	COMPZN	RIG & EQUIPMENT INSPECTION BY COPC SAFETY REP.
	09:00 - 11:30	2.50	EVALFM	PRTS	COMPZN	TEST 7" CSG & BLIND RAM'S 250# 3 MIN'S & 1800# 30 MIN'S FOR STATE INTEGRITY TEST = CHARTED GOOD TEST = TEST BOP STACK & CHOKE MANIFOLD 250# 3 MIN'S & 1800# 10 MIN'S = CHARTED GOOD TEST
	11:30 - 12:30	1.00	EVALFM	PULD	COMPZN	PU PIPE OUT OF PIPE BASKET & PUT ON PIPE RACK = TALLY PIPE
	12:30 - 15:30	3.00	EVALFM	PULD	COMPZN	GIH PU 6 1/4" HUGHES STX-20 RERUN BIT NO # 5026840 W / 3-20 JET'S, BIT SUB, 12-3 1/2" DC'S, 1-2 7/8" DP, 1-2 7/8" FN W / 1.81 PROFILE & DP TO 3230'
	15:30 - 16:00	0.50	EVALFM	RURD	COMPZN	TIE BACK ON ONE LINE & PU POWER SWIVEL
	16:00 - 16:30	0.50	EVALFM	CIRC	COMPZN	UNLOAD HOLE W / AIR ASSIST
	16:30 - 17:30	1.00	EVALFM	OTHR	COMPZN	DRILL OUT CMT, 7" FLOAT COLLAR, 7" SHOE TO INTERMEDIATE TD @ 3303' W / AIR ASSIST
	17:30 - 02:30	9.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEW @ START OF ALL OPERATION'S = DRILLING AHEAD W / 6 1/4" BIT F/3303'-T/3597' TD W / AIR ASSIST
	02:30 - 03:00	0.50	EVALFM	CIRC	COMPZN	CIRC W / AIR ASSIST & CORRELATE W / MUD LOGGER = COAL INTERVAL'S & GAS UNIT'S AS FOLLOWS 3321'-23' = 2 FT = NO GAS UNIT'S 3347'-56' = 9 FT = 654 GAS UNIT'S 3377'-78' = 1 FT = 748 GAS UNIT'S 3379'-83' = 4 FT = 748 GAS UNIT'S 3442'-56' = 14 FT = 1179 GAS UNIT'S 3457'-61' = 4 FT = 1179 GAS UNIT'S 3462'-64' = 2 FT = 1179 GAS UNIT'S 3486'-94' = 8 FT = 1320 GAS UNIT'S 3496'-3501' = 5 FT = 1588 GAS UNIT'S 3505'-12' = 7 FT = 1588 GAS UNIT'S

# CONOCOPHILLIPS CO

## Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 241A  
 Common Well Name: SAN JUAN 32-8 UNIT 241A  
 Event Name: COMPLETION  
 Contractor Name: KEY ENERGY SVCS  
 Rig Name: KEY 18

Spud Date: 6/18/2004  
 Start: 7/1/2004  
 End:  
 Rig Release: 8/4/2004  
 Group:  
 Rig Number: 18

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/9/2004	02:30 - 03:00	0.50	EVALFM	CIRC	COMPZN	3513'-19' = 6 FT = 1766 GAS UNIT'S TOTAL NET COAL = 62 FT'
	03:00 - 06:00	3.00	EVALFM	OTHR	COMPZN	R&R C/O T/3597' W / 1000 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 300# ON CHART @ COMPRESSOR'S & 200# ON GAGE @ RIG FLOOR, 70 RPM'S & 1 TO 3 POINT'S ON BIT = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / 1 BPH WATER GAIN = 4 DOWN TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL
7/10/2004	06:00 - 08:00	2.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEW @ START OF ALL OPERATIONS = R&R C/O T/3597' TD W / 1000 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR, 300# ON CHART @ COMPRESSORS & 200# ON GAGE @ RIG FLOOR, 1 TO 2 POINTS ON BIT, 65 RPMS = RETURN TO SURFACE, LIGHT COAL & FINE W / 2 BPH WATER GAIN = 1 BUCKET PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL & FINE
	08:00 - 08:30	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
	08:30 - 09:30	1.00	EVALFM	PRDT	COMPZN	2" OPEN FLOW TEST W / PITOT TUBE TIME = MANIFOLD = PITOT = MCFD = WATER 15 MIN = 5.0# = 1.25# = 687 = LIGHT MIST 30 MIN = 6.0# = 1.50# = 752 = MED MIST 45 MIN = 7.0# = 1.75# = 816 = HEAVY MIST 1 HR = 7.0# = 1.75# = 816 = HEAVY MIST
	09:30 - 13:00	3.50	TREBOP	EQRP	COMPZN	LOST AIR & HYDRAULIC FLUID ON BLIND RAMS W / HANDLE IN OPEN POSITION BY-PASSING BUT HELD W / HANDLE IN NEUTRAL POSITION = LANDED INLINE TEST PLUG = W/O PARTS = REPAIR SEALS ON SHAFTS FOR BLIND RAMS W / SHAFFERS PARTS
	13:00 - 13:30	0.50	EVALFM	PRTS	COMPZN	TEST BLIND RAM'S 250# 3 MIN & 1800# 10 MIN = GOOD TEST
	13:30 - 14:30	1.00	EVALFM	SIPB	COMPZN	SHUT IN TO BUILD PRESSURE TIME = PRESSURE ISIP = 40# 15 MIN = 225# 30 MIN = 290# 45 MIN = 315# 1 HR = 320#
	14:30 - 16:00	1.50	EVALFM	TRIP	COMPZN	COOH W / DP, DC'S & BHA
	16:00 - 16:30	0.50	EVALFM	PULD	COMPZN	PU & MU BAKER 9 1/2" ROLLER-CONE UNDER-REAMER W / SHOCK SUB
	16:30 - 17:45	1.25	EVALFM	TRIP	COMPZN	RIH W / BHA & DP T/3280'
	17:45 - 18:15	0.50	EVALFM	RURD	COMPZN	TIE BACK ON ONE LINE & PU POWER SWIVEL
	18:15 - 19:00	0.75	EVALFM	CIRC	COMPZN	SAFETY MEETING & JSA REVIEW @ START OF ALL OPERATIONS = BREAK CIRC W / AIR ASSIST & OPEN UNDERREAMER ARM'S @ 3300'
	19:00 - 01:00	6.00	EVALFM	OTHR	COMPZN	UNDERREAM 6 1/4" HOLE TO 9 1/2" HOLE F/3300'-T/3597' TD W / 1000 TO 1800 SCFM AIR, 1 GAL 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR, 8 TO 10 BPH MIST, DP PRESSURE 650#, 70 TO 80 RPMS, 4 TO 6 POINTS ON BIT = RETURN TO SURFACE, MED COAL & FINE W / 2 BPH WATER GAIN = 4 TO 1 BUCKETS PER HOUR OFF SAMPLE CATCHER
	01:00 - 02:00	1.00	EVALFM	CIRC	COMPZN	CIRC W / UNDERREAMER IN HOLE TO BOTTOMS UP TO CLEAN UP WELLBORE FOR TEST = CIRC W / SAME AIR ASSIST AS ABOVE, RESULTS THE SAME AS ABOVE

## Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 241A  
 Common Well Name: SAN JUAN 32-8 UNIT 241A  
 Event Name: COMPLETION  
 Contractor Name: KEY ENERGY SVCS  
 Rig Name: KEY 18

Spud Date: 6/18/2004  
 Start: 7/1/2004  
 End:  
 Rig Release: 8/4/2004  
 Group:  
 Rig Number: 18

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/10/2004	02:00 - 02:30	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA 2" OPEN FLOW TEST W / PITOT TUBE TIME = MANIFOLD = PITOT = MCFD = WATER 15 MIN = 6.00# = 1.500# = 752 = MED MIST 30 MIN = 6.50# = 1.625# = 801 = HEAVY MIST 45 MIN = 8.00# = 2.000# = 869 = HEAVY MIST 1 HR = 8.00# = 2.000# = 869 = HEAVY MIST SHUT IN TO BUILD PRESSURE TIME = PRESSURE ISIP = 45# 15 MIN = 225# 30 MIN = 295# 45 MIN = 305# 1 HR = 310#
	02:30 - 03:30	1.00	EVALFM	PRDT	COMPZN	
	03:30 - 04:30	1.00	EVALFM	SIPB	COMPZN	
	04:30 - 05:00	0.50	EVALFM	RURD	COMPZN	
7/11/2004	05:00 - 06:00	1.00	EVALFM	TRIP	COMPZN	COOH W / DP, DC'S & UNDER-REAMER
	06:00 - 07:00	1.00	EVALFM	TRIP	COMPZN	COOH W / DP, DC'S & BHA
	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS
	07:30 - 09:00	1.50	EVALFM	TRIP	COMPZN	RIH W / BHA & DP T/3280'
	09:00 - 09:30	0.50	EVALFM	RURD	COMPZN	TIE BACK ON ONE LINE & PU POWER SWIVEL
	09:30 - 10:30	1.00	EVALFM	OTHR	COMPZN	R&R C/O T/3597' W / 1000 SCFM AIR, 6 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBLS OF FLUID PUMPED, 300# ON CHART @ COMPRESSORS & 200# ON GAGE @ RIG FLOOR, 1 TO 3 POINTS ON BIT & 65 TO 75 RPMS = RETURN TO SURFACE, VERY LIGHT COAL W / 3 TO 4 BPH WATER GAIN = 1.5 DOWN TO .5 BUCKETS PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL
	10:30 - 11:00	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
	11:00 - 16:30	5.50	EVALFM	OTHR	COMPZN	SURGES # 1 - # 2 - # 3 ALL HYDRAULIC @ 1100# TO 1375# DP PRESSURE & 1000# TO 1250# CSG PRESSURE = HYDRAULIC SURGES W / 2 GALS OF FOAMER AHEAD & 1 BPM WATER, 1800 SCFM AIR, 6 BPH MIST, 1 GAL OF FOAMER, 1/4 GAL OF INHIBITOR PER 10 BBLS OF FLUID PUMPED, CUTTING AIR OFF 3 TO 4 TIMES TO DROP DP PRESSURE & RELEASED SURGE = RETURN TO SURFACE = SURGE # 1 WHITE FOAM WATER, NO COAL = SURGE # 2 LITTLE COLOR IN FOAM WATER & NO COAL = SURGE # 3 BLACK COLORED FOAM WATER W / LIGHT COAL & FINE
	16:30 - 17:00	0.50	EVALFM	TRIP	COMPZN	RIH FROM 7" CSG & TAG @ 3480'
	17:00 - 06:00	13.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = R&R C/O F/3480'-T/3534' W / 1000 SCFM AIR, 6 TO 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBLS OF FLUID PUMPED, 300# ON CHART @ COMPRESSORS & 200# ON GAGE @ RIG FLOOR, 75 TO 65 RPMS, 6 TO 2 POINTS ON BIT = RETURN TO SURFACE, MED TO LIGHT COAL & FINE W / 3 TO 4 BPH WATER GAIN = 5 DOWN TO 1.5 BUCKETS PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL
7/12/2004	06:00 - 08:30	2.50	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = R&R C/O T/3534' W / 1000 SCFM AIR, 6 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBLS OF FLUID PUMPED, 300# ON CHART @ COMPRESSORS & 200# ON GAGE @ RIG FLOOR, 1 TO 3 POINTS ON BIT & 65 TO 75 RPMS = RETURN TO SURFACE, LIGHT COAL W / 3 TO 4 BPH WATER GAIN = 2 DOWN TO 1 BUCKETS PER HOUR OFF SAMPLE CATCHER =

## Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 241A  
 Common Well Name: SAN JUAN 32-8 UNIT 241A  
 Event Name: COMPLETION  
 Contractor Name: KEY ENERGY SVCS  
 Rig Name: KEY 18

Start: 7/1/2004  
 Rig Release: 8/4/2004  
 Rig Number: 18

Spud Date: 6/18/2004  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/12/2004	06:00 - 08:30	2.50	EVALFM	OTHR	COMPZN	95% TO 100% COAL
	08:30 - 09:00	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
	09:00 - 09:30	0.50	EVALFM	SFTY	COMPZN	BOP & FIRE DRILLS
	09:30 - 16:00	6.50	EVALFM	OTHR	COMPZN	SURGES # 4 - # 5 - # 6 ALL HYDRAULIC @ 1100# TO 1375# DP PRESSURE & 1000# TO 1250# CSG PRESSURE = HYDRAULIC SURGES W / 2 GALS OF FOAMER AHEAD & 1 BPM WATER, 1800 SCFM AIR, 6 BPH MIST, 1 GAL OF FOAMER, 1/4 GAL OF INHIBITOR PER 10 BBLS OF FLUID PUMPED, CUTTING AIR OFF 3 TO 4 TIMES TO DROP DP PRESSURE & RELEASED SURGE = RETURN TO SURFACE = SURGE # 4 WHITE FOAM WATER & NO COAL = SURGE # 5 BLACK FOAM WATER & NO COAL = SURGE # 6 HEAVY BLACK COLORED FOAM WATER W / MED TO HEAVY COAL & FINE RIH FROM 7" CSG & TAG @ 3316'
	16:00 - 16:30	0.50	EVALFM	TRIP	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = R&R C/O F/3316'-T/3471' W / 1000 SCFM AIR, 6 TO 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBLS OF FLUID PUMPED, 300# ON CHART @ COMPRESSORS & 200# ON GAGE @ RIG FLOOR, 75 TO 65 RPMS, 6 TO 2 POINTS ON BIT = RETURN TO SURFACE, HEAVY TO MED COAL & FINES W / 3 TO 4 BPH WATER GAIN = 8 DOWN TO 4 BUCKETS PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL
7/13/2004	16:30 - 06:00	13.50	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = R&R C/O F/3471'-T/3534' W / 1000 TO 1500 SCFM AIR, 6 TO 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBLS OF FLUID PUMPED, 300# TO 450# ON CHART @ COMPRESSORS & 200# TO 325# ON GAGE @ RIG FLOOR, 75 TO 65 RPMS, 6 TO 2 POINTS ON BIT = RETURNS TO SURFACE, HEAVY TO LIGHT COAL & FINES W / 2 TO 3 BPH WATER GAIN = 9 DOWN TO 2 BUCKETS PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL
	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEW'S @ START OF ALL OPERATIONS = R&R C/O T/3534' W / 1100 SCFM AIR, 6 TO 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBLS OF FLUID PUMPED, 450# ON CHART @ COMPRESSORS & 350# ON GAGE @ RIG FLOOR, 75 TO 65 RPMS, 3 TO 1 POINTS ON BIT = RETURNS TO SURFACE, LIGHT COAL & FINES W / 2 TO 3 BPH WATER GAIN = 2 DOWN TO 1 BUCKETS PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL
7/14/2004	06:00 - 10:00	4.00	EVALFM	OTHR	COMPZN	PUH INSIDE 7" CSG W / BHA = ATTENTION WELL BRIDGED OR LOGGING OFF UNABLE TO GAGE WELL = FLOWING 18# DOWN TO 1# ON MANIFOLD WHILE PUH TO SURGE
	10:00 - 10:30	0.50	EVALFM	TRIP	COMPZN	SURGES # 7 - # 8 @ 250# NATURAL FORMATION PRESSURE = RETURNS TO SURFACE, NATURAL FORMATION GAS W / LIGHT MIST = SURGES # 9 - # 10 - # 11 W / 1500 SCFM AIR, 6 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBLS OF FLUID PUMPED & 3-5 BBL WATER PADS @ 400#, 700# & 1000# AIR ASSIST PRESSURE = RETURNS TO SURFACE = SURGE # 9 AIR, GAS, FOAM WATER & NO COAL = SURGE # 10 AIR, GAS, COLORED BLACK FOAM WATER & NO COAL = SURGE # 11 AIR, GAS, HEAVY BLACK COLORED FOAM WATER & LIGHT COAL
	10:30 - 17:00	6.50	EVALFM	OTHR	COMPZN	RIH FROM 7" CSG & TAG @ 3451'
	17:00 - 17:30	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
	17:30 - 18:00	0.50	EVALFM	TRIP	COMPZN	

**CONOCOPHILLIPS CO**  
**Operations Summary Report**

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Legal Well Name: SAN JUAN 32-8 UNIT 241A  
Common Well Name: SAN JUAN 32-8 UNIT 241A  
Event Name: COMPLETION  
Contractor Name: KEY ENERGY SVCS  
Rig Name: KEY 18

Spud Date: 6/18/2004  
Start: 7/1/2004  
End:  
Rig Release: 8/4/2004  
Group:  
Rig Number: 18

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/14/2004	18:00 - 23:00	5.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = SURGES # 12 - # 13 - # 14 HYDRAULIC W / 3 GAL'S OF FOAMER AHEAD & 1 BPM WATER, 1800 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBLS OF FLUID PUMPED, CUTTING AIR 3 TIMES TO DROP DP PRESSURE, 1150# TO 1375# ON DP & 1000# TO 1350# ON CSG & RELEASED SURGES = RETURNS TO SURFACE = SURGE # 12 AIR, MIST, GAS, HEAVY BLACK FOAM WATER & TRACE OF COAL = SURGE # 13 AIR, MIST, GAS, HEAVY BLACK FOAM WATER W / LIGHT COAL = SURGE # 14 AIR, MIST, GAS, HEAVY BLACK FOAM WATER W / MED COAL
	23:00 - 23:30	0.50	EVALFM	TRIP	COMPZN	RIH FROM 7" CSG & TAG @ 3350'
	23:30 - 06:00	6.50	EVALFM	OTHR	COMPZN	R&R C/O F/3350'-T/3379' W / 1000 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBLS OF FLUID PUMPED, 400# ON CHART @ COMPRESSORS & 300# ON GAGE @ RIG FLOOR, 5 DOWN TO 2 POINTS ON BIT, 75 RPMS = RETURNS TO SURFACE, HEAVY TO MED COAL & FINES W / 3 BPH WATER GAIN = 9 DOWN TO 4 BUCKETS PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL
7/15/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = R&R C/O T/3379' W / 1000 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBLS OF FLUID PUMPED, 350# ON CHART @ COMPRESSORS & 250# ON GAGE @ RIG FLOOR, 6 TO 3 POINTS ON BIT, 75 RPMS = RETURNS TO SURFACE, MED COAL & FINES W / 3 TO 4 BPH WATER GAIN = 3 TO 5 BUCKETS PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL
7/16/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = R&R C/O F/3379'-T/3440' W / 1000 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBLS OF FLUID PUMPED, 350# ON CHART @ COMPRESSORS & 250# ON GAGE @ RIG FLOOR, 6 TO 2 POINTS ON BIT, 75 RPMS = RETURN TO SURFACE, MED COAL & FINES W / 4 BPH WATER GAIN = 6 TO 3 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% TO 95% COAL & 10% TO 5% SHALE
7/17/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = R&R C/O F/3440'-T/3471' W / 1000 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBLS OF FLUID PUMPED, 350# ON CHART @ COMPRESSORS & 250# ON GAGE @ RIG FLOOR, 6 TO 2 POINTS ON BIT, 75 RPM'S = RETURNS TO SURFACE, HEAVY TO MED COAL & FINES W / 3 TO 5 BPH WATER GAIN = 10 TO 4 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% TO 95% COAL & 10% TO 5% SHALE
7/18/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = R&R C/O F/3471'-T/3503' W / 1000 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBLS OF FLUID PUMPED, 350# ON CHART @ COMPRESSORS & 250# ON GAGE @ RIG FLOOR, 6 TO 2 POINTS ON BIT, 75 RPMS = RETURNS TO SURFACE, HEAVY TO MED COAL & FINES W / 3 TO 5 BPH WATER GAIN = 12 DOWN TO 5 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% TO 95% COAL & 10% TO 5% SHALE
7/19/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = R&R C/O F/3503'-T/3534' W / 1000 SCFM AIR, 8 BPH MIST, 1 GAL

# CONOCOPHILLIPS CO

## Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 241A  
 Common Well Name: SAN JUAN 32-8 UNIT 241A  
 Event Name: COMPLETION  
 Contractor Name: KEY ENERGY SVCS  
 Rig Name: KEY 18

Spud Date: 6/18/2004  
 Start: 7/1/2004  
 Rig Release: 8/4/2004  
 Rig Number: 18  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/19/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	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, 6 TO 2 POINTS ON BIT, 75 RPMS = RETURNS TO SURFACE, HEAVY TO MED COAL & FINES W / 3 TO 5 BPH WATER GAIN = 9 DOWN TO 2 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% TO 95% COAL & 10% TO 5% SHALE
7/20/2004	06:00 - 10:30	4.50	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = R&R C/O F/3503'-T/3534' W / 1000 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, 6 TO 2 POINTS ON BIT, 75 RPM'S = RETURN TO SURFACE, LIGHT COAL & FINE W / 3 TO 5 BPH WATER GAIN = 2 DOWN TO 1 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% TO 95% COAL & 10% TO 5% SHALE
	10:30 - 11:00	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
	11:00 - 12:00	1.00	EVALFM	PRDT	COMPZN	2" OPEN FLOW TEST W / PITOT TUBE
						TIME = MANIFOLD = PITOT = MCFLD = WATER
						15 MINS = 26# = 6.50# = 1584 = LIGHT MIST
						30 MINS = 28# = 7.00# = 1644 = LIGHT MIST
						45 MINS = 30# = 7.50# = 1702 = MED MIST
						1 HR = 30# = 7.50# = 1702 = HEAVY MIST
	12:00 - 14:00	2.00	EVALFM	SIPB	COMPZN	SHUT IN TO BUILD PRESSURE
						TIME = PRESSURE
						ISIP = 35#
						15 MINS = 160#
						30 MINS = 220#
						45 MINS = 250#
						1 HR = 280#
						1:15 MINS = 290#
						1:30 MINS = 295#
						1:45 MINS = 300#
						2 HRS = 305#
	14:00 - 23:00	9.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF OPERATIONS = SURGE WELL 7 TIMES W/ NATURAL FORMATION GAS @ 280# = RETURN TO SURFACE, MED MIST & NATURAL FORMATION GAS.
	23:00 - 23:30	0.50	EVALFM	SFTY	COMPZN	BOP & FIRE DRILL
	23:30 - 00:00	0.50	EVALFM	TRIP	COMPZN	RIH FROM 7" CSG & TAG @ 3475'
	00:00 - 06:00	6.00	EVALFM	OTHR	COMPZN	R&R C/O F/3475'-T/3503' W / 1000 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 4 POINTS ON BIT = RETURN TO SURFACE, MED COAL & FINE W / 3.5 BPH WATER GAIN = 4 TO 5 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% COAL & 10% SHALE
7/21/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF OPERATIONS = R&R C/O F/3504'-T/3534' W / 1000 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 4 POINTS ON BIT = RETURNS TO SURFACE, MED TO LIGHT COAL & FINES W / 3.5 BPH WATER GAIN = 6 DOWN TO 2 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% TO 95% COAL
7/22/2004	06:00 - 08:00	2.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF OPERATIONS =

# CONOCOPHILLIPS CO

## Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 241A  
 Common Well Name: SAN JUAN 32-8 UNIT 241A  
 Event Name: COMPLETION  
 Contractor Name: KEY ENERGY SVCS  
 Rig Name: KEY 18

Start: 7/1/2004  
 Rig Release: 8/4/2004  
 Rig Number: 18  
 Spud Date: 6/18/2004  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/22/2004	06:00 - 08:00	2.00	EVALFM	OTHR	COMPZN	R&R C/O F/3504'-T/3534' W / 1000 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBLS OF FLUID PUMPED, 350# ON CHART @ COMPRESSORS & 250# ON GAGE @ RIG FLOOR, 65 TO 75 RPM, 1 TO 4 POINT ON BIT = RETURN TO SURFACE, MED TO LIGHT COAL & FINE W / 3.5 BPH WATER GAIN = 1.5 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% TO 95% COAL
	08:00 - 08:30	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
	08:30 - 09:30	1.00	EVALFM	PRDT	COMPZN	2" OPEN FLOW TEST W / PITOT TUBE TIME = MANIFOLD = PITOT = MCFD = WATER 15 MIN'S = 34# = 8.50# = 1808 = DRY 30 MIN'S = 37# = 9.25# = 1896 = LIGHT MIST 45 MIN'S = 39# = 9.75# = 1946 = MED MIST 1HR = 39# = 9.75# = 1946 = HEAVY MIST
	09:30 - 11:00	1.50	EVALFM	SIPB	COMPZN	SHUT IN TO BUILD PRESSURE TIME = PRESSURE ISIP = 50# 15 MIN'S = 170# 30 MIN'S = 230# 45 MIN'S = 260# 1 HR = 280# 1:15 MIN'S = 290# 1:30 MIN'S = 295#
	11:00 - 15:30	4.50	EVALFM	OTHR	COMPZN	SURGE # 22 @ 295# NATURAL FORMATION GAS = RETURN TO SURFACE, LIGHT MIST & NATURAL GAS = SURGE # 23 - # 24 - # 25 @ 750# DP PRESSURE & 500# CSG PRESSURE W / AIR ASSIST, 1500 SCFM AIR, 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, WELL BREAKING OVER @ 500# ON CSG = RETURN TO SURFACE, COLORED FOAM WATER W / VERY LIGHT COAL ===== ATTENTION NOT ABLE TO PRESSURE UP TOP COAL, MIDDLE COAL TAKING SURGE BUILD UP W / BREAKOVER POINT AROUND 500#
	15:30 - 15:45	0.25	EVALFM	TRIP	COMPZN	RIH FROM 7" CSG & TAG @ 3440'
	15:45 - 16:00	0.25	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
	16:00 - 20:30	4.50	EVALFM	OTHR	COMPZN	SAFETY MEETING'S & JSA REVIEW @ START OF ALL OPERATIONS = SURGE # 26 - # 27 - # 28 @ 750# DP PRESSURE & 550# CSG PRESSURE W / AIR ASSIST, 1500 SCFM AIR, 10 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBLS OF FLUID PUMPED = RETURN TO SURFACE, GAS, COLORED FOAM WATER W / MED FINE ===== ATTENTION NOT ABLE TO PRESSURE UP ON TOP COAL BECAUSE MIDDLE COAL TAKING SURGE BUILD UP W / BREAKOVER POINT AROUND 500#
	20:30 - 20:45	0.25	EVALFM	TRIP	COMPZN	RIH FROM 7" CSG T/3409' W / NO TAG OF FILL
	20:45 - 21:00	0.25	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
	21:00 - 00:30	3.50	EVALFM	OTHR	COMPZN	SURGE # 29 - # 30 - # 31 @ 750# DP PRESSURE & 550# CSG PRESSURE W / AIR ASSIST, 1500 SCFM AIR, 12 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBLS OF FLUID PUMPED = RETURN TO SURFACE, GAS, COLORED FOAM WATER W / HEAVY FINE ===== ATTENTION NOT ABLE TO PRESSURE UP ON TOP COAL BECAUSE MIDDLE COAL TAKING SURGE BUILD UP W / BREAKOVER POINT AROUND 500#

# CONOCOPHILLIPS CO

## Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 241A  
 Common Well Name: SAN JUAN 32-8 UNIT 241A  
 Event Name: COMPLETION  
 Contractor Name: KEY ENERGY SVCS  
 Rig Name: KEY 18

Spud Date: 6/18/2004  
 Start: 7/1/2004  
 End:  
 Rig Release: 8/4/2004  
 Group:  
 Rig Number: 18

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/22/2004	00:30 - 00:45 00:45 - 06:00	0.25 5.25	EVALFM EVALFM	TRIP OTHR	COMPZN COMPZN	RIH FROM 7" CSG & TAG @ 3380' R&R C/O F/3380'-T/3409' W / 1000 SCFM AIR, 6 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 350# ON CHART @ COMPRESSOR & 250# ON GAGE @ RIG FLOOR, 2 TO 5 POINT OF BIT, 65 TO 75 RPM = RETURN TO SURFACE, HEAVY TO MED COAL & FINE W / 3 BPH WATER GAIN = 9 DOWN TO 5 BUCKET PER HOUR OFF SAMPLE CATCHER = 95% COAL
7/23/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEW'S @ START OF OPERATION'S = R&R C/O F/3409'-T/3471' W / 1000 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, 65 TO 75 RPM'S, 1 TO 4 POINT'S ON BIT = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 3.5 BPH WATER GAIN = 6 DOWN TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% TO 95% COAL
7/24/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEW'S @ START OF OPERATIONS = R&R C/O F/3471'-T/3503' W / 1000 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 4 POINTS ON BIT = RETURNS TO SURFACE, HEAVY MED TO LIGHT COAL & FINES W / 3.5 BPH WATER GAIN = 8 DOWN TO 3 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% TO 95% COAL
7/25/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF OPERATIONS = R&R C/O F/3503'-T/3534' W / 1000 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 6 POINTS ON BIT = RETURNS TO SURFACE, HEAVY TO LIGHT COAL & FINES W / 3 TO 5 BPH WATER GAIN = 9 DOWN TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% TO 95% COAL
7/26/2004	06:00 - 08:30  08:30 - 09:00 09:00 - 10:00  10:00 - 11:00	2.50  0.50 1.00  1.00	EVALFM  EVALFM EVALFM  EVALFM	OTHR  TRIP PRDT  SIPB	COMPZN  COMPZN COMPZN  COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF OPERATIONS = R&R C/O T/3534' W / 1000 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 4 POINTS ON BIT = RETURNS TO SURFACE, LIGHT COAL & FINES W / 3.5 BPH WATER GAIN = 2 TO 1.5 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% TO 95% COAL PUH INSIDE 7" CSG W / BHA 2" OPEN FLOW TEST W / PITOT TUBE TIME = MANIFOLD = PITOT = MCFD = WATER 15 MIN'S = 48# = 12.00# = 2148 = LIGHT MIST 30 MIN'S = 52# = 13.00# = 2237 = MED MIST 45 MIN'S = 54# = 13.50# = 2285 = HEAVY MIST 1 HR = 54# = 13.50# = 2285 = HEAVY MIST SHUT IN TO BUILD PRESSURE TIME = PRESSURE ISIP = 60# 15 MIN'S = 185# 30 MIN'S = 235# 45 MIN'S = 250#

# CONOCOPHILLIPS CO

## Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 241A  
 Common Well Name: SAN JUAN 32-8 UNIT 241A  
 Event Name: COMPLETION  
 Contractor Name: KEY ENERGY SVCS  
 Rig Name: KEY 18

Spud Date: 6/18/2004  
 Start: 7/1/2004  
 End:  
 Rig Release: 8/4/2004  
 Group:  
 Rig Number: 18

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/26/2004	10:00 - 11:00	1.00	EVALFM	SIPB	COMPZN	1 HR = 275#
	11:00 - 00:00	13.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = SURGES # 32 THRU # 42 W / 280# NATURAL FORMATION GAS = RETURNS TO SURFACE, NATURAL FORMATION GAS W / LIGHT TO BLACK FOAM WATER & TRACE TO LIGHT COAL & FINES RIH FROM 7" CSG & TAG @ 3335'
	00:00 - 00:30	0.50	EVALFM	TRIP	COMPZN	R&R C/O F/3335'-T/3347' W / 1000 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 5 POINTS ON BIT, 65 TO 75 RPM'S = RETURNS TO SURFACE, MED COAL & FINES W / 3 TO 4 BPH WATER GAIN = 6 TO 4 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% TO 95% COAL
	00:30 - 06:00	5.50	EVALFM	OTHR	COMPZN	
7/27/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF OPERATIONS = R&R C/O F/3347'-T/3471' W / 1000 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 5 POINT'S ON BIT, 65 TO 75 RPM'S = RETURN TO SURFACE, MED COAL & FINES W / 3 TO 4 BPH WATER GAIN = 6 TO 3 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% TO 95% COAL
7/28/2004	06:00 - 14:00	8.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF OPERATIONS = R&R C/O T/3471' W / 1000 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 75 RPM'S = RETURNS TO SURFACE, LIGHT TO HEAVY TO MED COAL & FINES W / 3 TO 4 BPH WATER GAIN = 3 TO 10 TO 4 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% TO 95% COAL
	06:00 - 14:00	8.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF OPERATIONS = R&R C/O T/3471' W / 1000 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 5 POINT'S ON BIT, 65 TO 75 RPM'S = RETURN TO SURFACE, MED COAL & FINES W / 3 TO 4 BPH WATER GAIN = 6 TO 3 BUCKETS PER HOUR OFF SAMPLE CATCHER = 90% TO 95% COAL
	14:00 - 14:30	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
	14:00 - 14:30	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
	14:30 - 18:00	3.50	EVALFM	OTHR	COMPZN	CIRC & C/O 7" CSG W / AIR ASSIST
	14:30 - 17:00	2.50	EVALFM	CIRC	COMPZN	CIRC 7" CSG CLEAN W / AIR ASSIST FOR STAND DOWN SAFETY MEETING
	18:00 - 19:00	1.00	EVALFM	OTHR	COMPZN	SECURED WELL & LOCATION = ATTENTION STAND DOWN FOR COPC SAFETY MEETING IN TOWN
	17:00 - 19:00	2.00	EVALFM	OTHR	COMPZN	SECURED WELL & LOCATION FOR COPC SAFETY STAND DOWN MEETING
	19:00 - 06:00	11.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF OPERATIONS = DRY WATCH RIG & EQUIPMENT FOR COPC STAND DOWN SAFETY MEETING
	19:00 - 06:00	11.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEW'S @ START OF ALL OPERATION'S = DRY WATCH RIG & EQUIPMENT FOR COPC SAFETY STAND DOWN MEETING
7/29/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS

**CONOCOPHILLIPS CO**  
**Operations Summary Report**

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Legal Well Name: SAN JUAN 32-8 UNIT 241A  
Common Well Name: SAN JUAN 32-8 UNIT 241A  
Event Name: COMPLETION  
Contractor Name: KEY ENERGY SVCS  
Rig Name: KEY 18

Start: 7/1/2004  
Rig Release: 8/4/2004  
Rig Number: 18  
Spud Date: 6/18/2004  
End:  
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/29/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	= DRY WATCH RIG & EQUIPMENT FOR COPC SAFETY STAND DOWN MEETING IN TOWN FOR ALL RIG CREWS
7/30/2004	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS
	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	= DRY WATCH RIG & EQUIPMENT FOR COPC SAFETY STAND DOWN MEETING IN TOWN FOR ALL RIG CREWS
	07:30 - 08:00	0.50	EVALFM	TRIP	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS
	08:00 - 06:00	22.00	EVALFM	OTHR	COMPZN	= HAD 310# ON CSG RELEASED 310# SHUT IN PRESSURE AS A NATURAL SURGE = RIH FROM 7" CSG & TAG @ 3465' R&R C/O & CONDITION HOLE T/3471' W / 1000 SCFM AIR, 8 BPH MIST, 2 GALS OF FOAMER, 2 GALS OF POLYMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED = 2 TO 6 POINTS ON BIT, 65 TO 75 RPMS, 450# ON CHART @ COMPRESSORS & 350# ON GAGE @ RIG FLOOR = RETURNS TO SURFACE, HEAVY TO MED COAL & FINES W / 3 TO 5 BPH WATER GAIN = 9 DOWN TO 4 BUCKE'S PER HOUR OFF SAMPLE CATCHER = 95% COAL
7/31/2004	06:00 - 17:00	11.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEW'S @ START OF ALL OPERATION'S = R&R C/O & CONDITION HOLE T/3534' W / 1000 SCFM AIR, 8 BPH MIST, 2 GAL'S OF FOAMER, 2 GAL'S OF POLYMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED = 2 TO 6 POINTS ON BIT, 65 TO 75 RPMS, 450# ON CHART @ COMPRESSORS & 350# ON GAGE @ RIG FLOOR = RETURNS TO SURFACE, MED COAL & FINES W / 3 TO 5 BPH WATER GAIN = 6 DOWN TO 4 BUCKETS PER HOUR OFF SAMPLE CATCHER = 95% COAL
	17:00 - 17:30	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
	17:30 - 18:30	1.00	EVALFM	OTHR	COMPZN	REPACK POWER SWIVEL
	18:30 - 19:00	0.50	EVALFM	TRIP	COMPZN	RIH FROM 7" CSG & TAG @ 3465'
	19:00 - 06:00	11.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS = R&R C/O & CONDITION HOLE F/3465'-T/3503' W / 1000 SCFM AIR, 8 BPH MIST, 2 GAL OF 450 FOAMER, 2 GALS OF POLYMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 2 TO 6 POINTS ON BIT, 65 TO 75 RPMS, 450# ON CHART @ COMPRESSORS & 350# ON GAGE @ RIG FLOOR = RETURNS TO SURFACE, MED COAL & FINES W / 3 TO 5 BPH WATER GAIN = 7 DOWN TO 3 BUCKETS PER HOUR OFF SAMPLE CATCHER = 95% COAL
8/1/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATION'S = R&R C/O & CONDITION HOLE F/3503'-T/3597' TD W / 1000 SCFM AIR, 8 BPH MIST, 2 GAL OF 450 FOAMER, 2 GAL'S OF POLYMER, 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, 450# ON CHART @ COMPRESSORS & 350# ON GAGE @ RIG FLOOR = RETURNS TO SURFACE, MED COAL & FINES W / 3 TO 5 BPH WATER GAIN = 6 DOWN TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL
8/2/2004	06:00 - 08:00	2.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEW'S @ START OF ALL OPERATION'S = R&R C/O & CONDITION HOLE T/3597' TD W / 1000 SCFM AIR, 8 BPH MIST, 2 GAL OF 450 FOAMER, 2 GAL'S OF POLYMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 1 TO 3 POINT'S ON BIT, 65 TO 75 RPM'S, 450# ON CHART @ COMPRESSIOR'S & 350# ON GAGE @ RIG FLOOR =

## Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 241A

Common Well Name: SAN JUAN 32-8 UNIT 241A

Event Name: COMPLETION

Contractor Name: KEY ENERGY SVCS

Rig Name: KEY 18

Start: 7/1/2004

Rig Release: 8/4/2004

Rig Number: 18

Spud Date: 6/18/2004

End:

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/2/2004	06:00 - 08:00	2.00	EVALFM	OTHR	COMPZN	RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / 3 TO 5 BPH WATER GAIN = 1 TO 1.5 BUCKETS PER HOUR OFF SAMPLE CATCHER = 85% COAL
	08:00 - 08:15	0.25	EVALFM	TRIP	COMPZN	SHORT TRIP, PUH INSIDE 7" CSG W / BHA
	08:15 - 09:45	1.50	EVALFM	OWFF	COMPZN	FLOW WELL NATURAL OUT BLOOE LINE'S TO CHECK HOLE CONDITION'S
	09:45 - 10:00	0.25	EVALFM	TRIP	COMPZN	RIH FROM 7" CSG & TAG BRIDGE @ 3465'
	10:00 - 21:00	11.00	EVALFM	OTHR	COMPZN	R&R C/O & CONDITION HOLE F/3465'-T/3597' TD, SEVERAL BRIDGE'S & 18' OF FILL W / 1000 SCFM AIR, 8 BPH MIST, 2 GAL'S OF 450 FOAMER, 2 GAL'S OF POLYMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 450# ON CHART @ COMPRESSOR'S & 350# ON GAGE @ RIG FLOOR, 1 TO 4 POINT'S ON BIT, 65 TO 75 RPM'S = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 3 BPH WATER GAIN = 4 DOWN TO 1.5 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 85% COAL
	21:00 - 21:15	0.25	EVALFM	TRIP	COMPZN	SHORT TRIP, PUH INSIDE 7" CSG W / BHA
	21:15 - 22:45	1.50	EVALFM	OWFF	COMPZN	FLOW WELL NATURAL OUT BLOOE LINE'S TO CHECK HOLE CONDITION'S
	22:45 - 23:00	0.25	EVALFM	TRIP	COMPZN	RIH FROM 7" CSG & TAG @ 3518'
	23:00 - 04:00	5.00	EVALFM	OTHR	COMPZN	R&R C/O & CONDITION HOLE F/3518'-T/3597' TD, HAD THREE BRIDGE'S & 6' OF FILL W / 1000 SCFM AIR, 8 BPH MIST, 2 GAL'S OF 450 FOAMER, 2 GAL'S OF POLYMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 450# ON CHART @ COMPRESSOR'S & 350# ON GAGE @ RIG FLOOR, 1 TO 3 POINT'S ON BIT, 65 TO 75 RPM'S = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / 4 BPH WATER GAIN = 3 DOWN TO 1 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 85% COAL
	04:00 - 04:15	0.25	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
	04:15 - 04:45	0.50	EVALFM	RURD	COMPZN	HANG BACK POWER SWIVEL & TIE BACK ON TWO LINE'S
	04:45 - 05:45	1.00	EVALFM	EQRP	COMPZN	UNABLE TO PULL DP ON TWO LINE'S = RIG CLUTCH = CALLED FOR MECHANIC
	05:45 - 06:00	0.25	EVALFM	RURD	COMPZN	TIE BACK ON ONE LINE TO COOH W / PIPE
	06:00 - 07:30	1.50	EVALFM	TRIP	COMPZN	COOH W / DP, DC'S & BHA
8/3/2004	07:30 - 08:00	0.50	EVALFM	SFTY	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS
	08:00 - 13:30	5.50	RIGMNT	RGRP	COMPZN	REPLACE DRUM CLUTCH ON DRAW-WORKS
	13:30 - 13:45	0.25	CASING	SFTY	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS
	13:45 - 14:00	0.25	CASING	SFEQ	COMPZN	TEST 5 1/2" RAMS = 300# WELLBORE PRESSURE = GOOD TEST
	14:00 - 16:15	2.25	CASING	RUNL	COMPZN	GIH PU 6 1/4" BIT, BIT SUB, 8 JT'S OF 5 1/2" LINER, H-LATCH COLLAR, X-OVER & SETTING TOOL, RIH W / BHA & DP T/3300'
	16:15 - 16:30	0.25	CASING	RURD	COMPZN	TIE BACK ON ONE LINE & PU POWER SWIVEL
	16:30 - 17:30	1.00	CASING	PULD	COMPZN	GIH PU JT'S OF DP W / POWER SWIVEL, WORKING LINER DOWN TO TD @ 3597' = HOLE IN GOOD SHAPE TAG 3 BRIDGE'S IN RAT HOLE & ONE FOOT OF FILL
	17:30 - 17:45	0.25	CASING	OTHR	COMPZN	RELEASED OFF H-LATCH COLLAR & PU 5 FT TO CIRC 7" CSG = LINER SET AS FOLLOWS 6 1/4" BIT SET @ 3597' 5 1/2" CSG SET @ 3595' BOTTOM OF H-LATCH COLLAR SET @ 3240' TOP OF H-LATCH COLLAR SET @ 3237' OVERLAP OF 7" CSG SHOE = 58' TOTAL OF 8 JT'S, 355'.35" OF 5 1/2" 15.50# J-55 LT&C CSG IN WELL
	17:45 - 18:30	0.75	CASING	CIRC	COMPZN	CIRC OFF TOP OF H-LATCH COLLAR TO CLEAN UP 7" CSG
	18:30 - 19:00	0.50	EVALFM	OTHR	COMPZN	SECURED WELL & LOCATION = S.D.O.N.

# CONOCOPHILLIPS CO

## Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 241A  
 Common Well Name: SAN JUAN 32-8 UNIT 241A  
 Event Name: COMPLETION  
 Contractor Name: KEY ENERGY SVCS  
 Rig Name: KEY 18

Start: 7/1/2004  
 Rig Release: 8/4/2004  
 Rig Number: 18

Spud Date: 6/18/2004  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/3/2004	19:00 - 06:00	11.00	EVALFM	OTHR	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF OPERATIONS = DRY WATCH RIG & EQUIPMENT
8/4/2004	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	DRY WATCH RIG & EQUIPMENT
	07:00 - 07:15	0.25	EVALFM	SFTY	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS
	07:15 - 07:45	0.50	EVALFM	RURD	COMPZN	RD POWER SWIVEL = ATTENTION HAD 330# ON CSG
	07:45 - 10:00	2.25	EVALFM	PULD	COMPZN	COOH LAYING DOWN DP, DC'S & SETTING TOOL
	10:00 - 10:15	0.25	PERFOP	SFTY	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS
	10:15 - 10:30	0.25	PERFOP	RURD	COMPZN	RU BLUE JET PERFORATING EQUIPMENT
	10:30 - 10:45	0.25	PERFOP	SFEQ	COMPZN	TEST LUBICATOR TO 330# WELLBORE PRESSURE = GOOD TEST
	10:45 - 12:15	1.50	PERFOP	PERF	COMPZN	RIH & PERFORATED 5 1/5" LINER W / 3 1/8" CSG GUN'S, 0.75" DIA HOLE'S, 120 DEGREE PHASING W / 4 SPF AS FOLLOW'S 3514'-20' = 6 FT = 24 HOLE'S 3505'-12' = 7 FT = 28 HOLE'S 3497'-3502' = 5 FT = 20 HOLES 3490'-93' = 3 FT = 12 HOLES 3488'-90' = 2 FT = 8 HOLES 3458'-64' = 6 FT = 24 HOLES 3442'-56' = 14 FT = 56 HOLES 3388'-90' = 2 FT = 8 HOLES 3378'-83' = 5 FT = 20 HOLES 3347'-56' = 9 FT = 36 HOLES 3322'-26' = 4 FT = 16 HOLES TOTAL OF 63 FT & 252 HOLES
	12:15 - 12:30	0.25	PERFOP	RURD	COMPZN	RD BLUE JET PERFORATING EQUIPMENT
	12:30 - 13:30	1.00	EVALFM	RURD	COMPZN	RU 2 3/8" RAMS & EQUIPMENT = ATTENTION FINAL FLOW TEST 2" OPEN FLOW TEST W / PITOT TUBE STABILIZED FLOW TEST 1 HR & 30 MINS TIME = MANIFOLD = PITOT = MCFD = WATER 1:30 MIN'S = 100# = 25# = 3311 = HEAVY MIST
	13:30 - 14:15	0.75	EVALFM	PRTS	COMPZN	TEST 2 3/8" RAMS = 250# 3 MINS & 1800# 10 MINS = GOOD TEST
	14:15 - 16:30	2.25	EVALFM	PULD	COMPZN	GIH PU 1 JT 2 7/8" ORANGED PEELED MUD ANCHOR W / SLOTS CUT 2' DOWN FROM UPSET, X/O COLLAR, 2 3/8" EXP CHECK W / ONE PIN, 2 3/8" FN W / 1.78" PROFILE & 2 3/8" TUBING OFF PIPE RACK
	16:30 - 16:45	0.25	EVALFM	OTHR	COMPZN	LAND HANGER W / PRODUCTION TUBING SET AS FOLLOWS 2 7/8" ORANGED PEELED MUD ANCHOR SET @ E.O.T. 3582'.37" 2 3/8" EXP CHECK SET @ 3551'.54" 2 3/8" FN W / 1.78" PROFILE SET @ 3550'.80" 2 3/8" 109 JT'S SET @ 3549'.97" TO HANGER @ SURFACE TOTAL 109 JT'S OF 2 3/8" EUE 8RD J-55 4.7# TUBING 3536'.97" IN WELL, 1 JT OF 2 7/8" ORANGED PEELED EUE 8RD J-55 6.5# MUD ANCHOR W / SLOTS CUT 2 FT FROM TOP UPSET 30'.83" PLUS FN & EXP CHECK IN WELL
	16:45 - 19:00	2.25	EVALFM	RURD	COMPZN	RD RIG FLOOR, BOPS, HCR VALVES & RU PUMPING WELLHEAD
	19:00 - 19:15	0.25	EVALFM	OTHR	COMPZN	SECURED WELL & LOCATION = S.D.O.N.
	19:15 - 19:30	0.25	EVALFM	SFTY	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS
	19:30 - 06:00	10.50	EVALFM	OTHR	COMPZN	DRY WATCH RIG & EQUIPMENT
8/5/2004	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	DRY WATCH RIG & EQUIPMENT
	07:00 - 07:30	0.50	RPCOMP	SFTY	COMPZN	SAFETY MEETING & JSA REVIEWS @ START OF ALL OPERATIONS.
	07:30 - 08:00	0.50	RPCOMP	RURD	COMPZN	ATTENTION: HAD 345# ON CSG. RU 3/4" ROD EQUIPMENT

## Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 241A  
 Common Well Name: SAN JUAN 32-8 UNIT 241A  
 Event Name: COMPLETION  
 Contractor Name: KEY ENERGY SVCS  
 Rig Name: KEY 18

Start: 7/1/2004  
 Rig Release: 8/4/2004  
 Rig Number: 18

Spud Date: 6/18/2004  
 End:  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/5/2004	08:00 - 09:30	1.50	RPCOMP	PULD	COMPZN	GIH PU 1" PERFORATED GAS ANCHOR ON BOTTOM OF PUMP, 2" X 1 1/2" X 12' RWAC-Z H.F. PUMP # CP-139, 1-4" 3/4" PLAIN PONY ROD ON TOP OF PUMP, 141-3/4" PLAIN RODS, 1-8' & 1-6' 3/4" PLAIN PONY RODS & 22' X 1 1/4" POLISH ROD
	09:30 - 10:15	0.75	RPCOMP	PRTS	COMPZN	TEST TUBING & PUMP TO 500# & HELD 15 MINS = GOOD TEST = BLED OFF PRESSURE = STROKED PUMP W / RIG BLOCKS UP TO 500# & HELD 15 MIN'S = GOOD TEST
	10:15 - 10:30	0.25	RPCOMP	HOSO	COMPZN	SPACE OUT & HANG OFF W / CLAMP ON STUFFIN BOX
	10:30 - 18:30	8.00	MOVE	RURD	DEMOB	RD RIG & EQUIPMENT
	18:30 - 19:00	0.50	MOVE	DMOB	DEMOB	SECURED WELL & LOCATION = RELEASED RIG & EQUIPMENT ON 08 / 04 / 2004 @ 19:00 PM = JOB COMPLETE - DROP FROM REPORT = RELEASE WELL TO PRODUCTION DEPT. TO PRODUCE BASIN FRUITLAND COAL INTERVAL = S.D.O.N. = DRY WATCH RIG & EQUIPMENT
	19:00 - 06:00	11.00	MOVE	OTHR	DEMOB	DRY WATCH RIG & EQUIPMENT