

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                                                                                                                                                                                                                                                                                                                              |  |                                                                               |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------|--|
| 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.<br>Other _____                                                                                                |  | 7. Unit or CA Agreement Name and No.<br>NMMN78424B                            |  |
| 2. Name of Operator<br>CONOCOPHILLIPS COMPANY                                                                                                                                                                                                                                                                                |  | 8. Lease Name and Well No.<br>SAN JUAN 32-8 UNIT 257A                         |  |
| 3. Address PO BOX 2197 WL3 6054<br>HOUSTON, TX 77252                                                                                                                                                                                                                                                                         |  | 9. API Well No.<br>30-045-32370-00-S1                                         |  |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>At surface NESE 1840FSL 660FEL<br><br>At top prod interval reported below<br><br>At total depth                                                                                                                                |  | 10. Field and Pool, or Exploratory<br>BASIN FRUITLAND COAL                    |  |
| 14. Date Spudded<br>07/02/2004                                                                                                                                                                                                                                                                                               |  | 15. Date T.D. Reached<br>07/29/2004                                           |  |
| 16. Date Completed<br><input type="checkbox"/> D & A 08/19/2004 <input checked="" type="checkbox"/> Ready to Prod.                                                                                                                                                                                                           |  | 17. Elevations (DF, KB, RT, GL)*<br>6808 GL                                   |  |
| 18. Total Depth: MD 3795<br>TVD                                                                                                                                                                                                                                                                                              |  | 19. Plug Back T.D.: MD 3784<br>TVD                                            |  |
| 20. Depth Bridge Plug Set: MD<br>TVD                                                                                                                                                                                                                                                                                         |  | 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br>MUDLOG |  |
| 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis) |  |                                                                               |  |

### 23. Casing and Liner Record *(Report all strings set in well)*

[illegible]

## 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 | 3780           |                   |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation         | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|-------------------|------|--------|---------------------|-------|-----------|--------------|
| A) FRUITLAND COAL | 3464 | 3719   | 3464 TO 3719        | 0.750 | 256       | OPEN         |
| B)                |      |        |                     |       |           |              |
| C)                |      |        |                     |       |           |              |
| D)                |      |        |                     |       |           |              |

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

| Depth Interval | Amount and Type of Material |
|----------------|-----------------------------|
|                |                             |
|                |                             |
|                |                             |
|                |                             |

## 28. Production - Interval A

|                                   |                         |                     |                                                                                                        |                |                   |                  |                          |                    |                                       |
|-----------------------------------|-------------------------|---------------------|--------------------------------------------------------------------------------------------------------|----------------|-------------------|------------------|--------------------------|--------------------|---------------------------------------|
| Date First Produced<br>08/19/2004 | Test Date<br>08/18/2004 | Hours Tested<br>1   | Test Production<br> | Oil BBL<br>0.0 | Gas MCF<br>3780.0 | Water BBL<br>1.0 | Oil Gravity<br>Corr. API | Gas Gravity        | Production Method<br>GAS PUMPING UNIT |
| Choke Size<br>2" PITOT            | Tbg. Press.<br>Flwg SI  | Csg. Press.<br>30.0 | 24 Hr. Rate<br>     | Oil BBL<br>0   | Gas MCF<br>90720  | Water BBL<br>24  | Gas:Oil Ratio            | Well Status<br>GSI |                                       |

28a. Production - Interval B

|                     |                         |              |                      |         |         |           |                          |             |                                                       |
|---------------------|-------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------------------------------------------|
| Date First Produced | Test Date               | Hours Tested | Test Production<br>➡ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method                                     |
| Choke Size          | Thg. Press.<br>Flwg. SI | Csg. Press.  | 24 Hr. Rate<br>➡     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio            | Well Status | <div>ACCEPTED FOR RECORD</div> <div>SEP 13 2004</div> |

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

**ELECTRONIC SUBMISSION #35416 VERIFIED BY THE BLM WELL INFORMATION SYSTEM**

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

**ACCEPTED FOR RECORD**

SEP 13 2004

FARMINGTON FIELD OFFICE  
REVISED \*\* *dh*

MMCCD

## 28b. Production - Interval C

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

## 28c. Production - Interval D

|                     |                            |              |                      |         |         |           |                          |             |                   |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | 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    | 1276   |                              | NACIMIENTO      | 831         |
| NACIMIENTO | 1276 | 2697   |                              | OJO ALAMO       | 2366        |
| OJO ALAMO  | 2697 | 2759   |                              | KIRTLAND        | 2426        |
|            |      |        |                              | FRUITLAND       | 3258        |
|            |      |        |                              | PICTURED CLIFFS | 3711        |

## 32. Additional remarks (include plugging procedure):

This well is a single well producing from the Basin Fruitland Coal. Attached are the daily reports and wellbore schematic.

## 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 #35416 Verified by the BLM Well Information System.**  
**For CONOCOPHILLIPS COMPANY, sent to the Farmington**  
**Committed to AFMSS for processing by ADRIENNE BRUMLEY on 09/13/2004 (04AXB335SE)**

Name (please print) JUANITA FARRELLTitle AUTHORIZED REPRESENTATIVESignature (Electronic Submission)Date 09/04/2004

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 \*\***

## Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 257A  
 Common Well Name: SAN JUAN 32-8 UNIT 257A  
 Event Name: COMPLETION  
 Contractor Name: KEY ENERGY SVCS  
 Rig Name: KEY ENERGY

Start: 7/20/2004 Spud Date: 7/2/2004  
 End: 8/18/2004  
 Rig Release: 8/18/2004 Group:  
 Rig Number: 29

| Date      | From - To                                                        | Hours                        | Code                               | Sub Code                    | Phase                            | Description of Operations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------|------------------------------------------------------------------|------------------------------|------------------------------------|-----------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7/21/2004 | 07:00 - 07:30<br>07:30 - 14:00                                   | 0.50<br>6.50                 | MOVE<br>MOVE                       | SFTY<br>MOB                 | MIRU<br>MIRU                     | PRE MOVE SAFETY MEETING.<br>MOVE KEY #29 & SUPPORT EQUIPMENT TO SJ 32-8 #257A LOCATION. RIG LOST DECK MOTOR EN ROUTE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 7/22/2004 | 14:00 - 18:00<br>07:00 - 07:30<br>07:30 - 16:00                  | 4.00<br>0.50<br>8.50         | EVALFM<br>EVALFM<br>EVALFM         | RURD<br>SFTY<br>RURD        | COMPZN<br>COMPZN<br>COMPZN       | BEGIN RIGGING UP. SDFD.<br>SAFETY MEETING.<br>CONTINUE RIGGING UP RIG SUPPORT EQUIPMENT. NOTE: SWAPPING OUT RIG MOTOR & TRANSMISSION. RIG ACTIVITIES WILL RESUME AFTER REPAIRS ARE COMPLETE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 7/28/2004 | 07:00 - 07:30<br>07:30 - 09:00<br>09:00 - 14:00<br>14:00 - 15:00 | 0.50<br>1.50<br>5.00<br>1.00 | EVALFM<br>MOVE<br>EVALFM<br>EVALFM | SFTY<br>MOB<br>RURD<br>PRTS | MIRU<br>MIRU<br>COMPZN<br>COMPZN | SAFETY MEETING.<br>ROAD SERVICE UNIT TO LOCATION.<br>FINISH RIGGING UP RIG.<br>PRESSURE TEST BLIND RAMS & 7" CSG TO 300PSI- 10MIN & 1800PSI- 30MIN. CHART & RECORD AS PER COPC & NMOC REQUIREMENTS. PRESSURE TEST PIPE RAMS TO 300PSI- 5MIN & 1800PSI- 10MIN. HELD OK.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|           | 15:00 - 18:00                                                    | 3.00                         | EVALFM                             | PULD                        | COMPZN                           | MU 6 1/4" RR BUTTON BIT ON BOTTOM OF 1 - 3 1/2" DC. TIH PICKING UP 13 ADDITIONAL COLLARS & 90- JTS OF 2 7/8" DP. SWIFN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 7/29/2004 | 07:00 - 10:00<br>10:00 - 12:00<br>12:00 - 15:00                  | 3.00<br>2.00<br>3.00         | DRILL<br>DRILL<br>DRILL            | SFTY<br>CIRC<br>CIRC        | COMPZN<br>COMPZN<br>COMPZN       | CONOCO-PHILLIPS SAFETY STAND DN.<br>UNLOAD 7" CSG @ 3300' W/ 1400CFM AIR- MIST & CIRCULATE. TI & TAG UP @ 3370'. DRILL OUT SOFT CEMENT, F C, & SHOE JT TO 3430' W/1400CFM AIR- MIST.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|           | 15:00 - 00:00                                                    | 9.00                         | DRILL                              | DRLG                        | COMPZN                           | DRILL 6 1/4" OPEN HOLE FROM 3434'- 3795'(361') W/ 900CFM AIR, 06 BPH MIST W/1 GAL 450 FOAMER+ 1/2 GAL INHIBITOR PR/ 10 BBLs OF PRODUCED H2O. CIRCULATING PRESSURE- 360PSI. COMPRESSOR RPMS- 1700. WOB- 6K, TURNING 75 RPMS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|           | 00:00 - 04:00                                                    | 4.00                         | EVALFM                             | CIRC                        | COMPZN                           | CIRCULATE & CONDITION HOLE @ TD(3795'). EVALUATE THE FRUITLAND COALS FROM MUD LOG AS FOLLOWS:<br>3464'-68': FLAT BLACK COAL W/ POOR CLEATING. 131 UNITS OF GAS. 3504'- 07', 3508'- 10', 3511'- 14': VARIES FROM BRIGHT TO DUL BANDED BLACK COAL W/ INTER BEDDED SHALE.<br>OCCASIONAL FRACTURES. FAIR CLEATING. 400 UNITS OF GAS.<br>3580'- 93': INTERMEDIATE SEMI BRT BLK SATIN COAL W/ GOOD CLEAT DEVELOPMENT. 770 UNITS OF GAS.<br>3631'- 39', 3640'- 43', 3647'- 51':<br>INTERMEDIATE SEMI BRT BLK SATIN COAL W/ SOME COLLOIDAL FRACTURES. GOOD CLEATING. 703 UNITS OF GAS.<br>3661'-68':<br>INTERMEDIATE SEMI BRT BLK SATIN COAL. FAIR CLEAT DEVELOPMENT. 741 UNITS OF GAS.<br>3705'- 19': INTERMEDIATE SATIN TO SUB GLASSY BLK COAL. SUB BLOCKY- BLOCKY CLEAT FACES. GOOD CLEAT DEVELOPMENT. 724 UNITS OF GAS. TOTAL OF 61' OF COAL. BLOW WELL DRY LAST 45MIN. |
|           | 04:00 - 04:30<br>04:30 - 05:30                                   | 0.50<br>1.00                 | EVALFM<br>EVALFM                   | PULD<br>PRDT                | COMPZN<br>COMPZN                 | PULL UP INSIDE 7" CSG LAYING DN 11-JTS OF 2 7/8" DP. CONDUCT INITIAL FLOW TEST THROUGH 2" CHOKE MANIFOLD USING PITOT READINGS. INITIAL FLOW - 3PSI(1.06MMCFD)<br>15MIN FLOW - 4PSI(1.23MMCFD)<br>30MIN FLOW - 6PSI(1.52MMCFD)<br>45MIN FLOW -<br>6PSI(1.52MMCFD) LT MIST. 60MIN<br>FLOW - 6PSI(1.52MMCFD) LT MIST. ESTIMATE H2O PRODUCTION - 15BBLs PR/DAY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

## Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 257A  
 Common Well Name: SAN JUAN 32-8 UNIT 257A  
 Event Name: COMPLETION  
 Contractor Name: KEY ENERGY SVCS  
 Rig Name: KEY ENERGY

Start: 7/20/2004  
 Rig Release: 8/18/2004  
 Rig Number: 29

Spud Date: 7/2/2004  
 End: 8/18/2004  
 Group:

| Date      | From - To     | Hours | Code   | Sub Code | Phase  | Description of Operations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------|---------------|-------|--------|----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7/29/2004 | 05:30 - 06:00 | 0.50  | EVALFM | SIPB     | COMPZN | SI FOR 120MIN INITIAL BUILD UP.<br>INITIAL SI - 120PSI<br>15MIN SI - 230PSI<br>30MIN SI - 420PSI                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 7/30/2004 | 06:00 - 07:30 | 1.50  | EVALFM | SIPB     | COMPZN | CONTINUE 120MIN INITIAL SI.<br>45MIN SI - 480PSI<br>60MIN SI - 520PSI<br>120MIN SI - 540PSI.                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|           | 07:30 - 09:00 | 1.50  | EVALFM | TRIP     | COMPZN | RELEASE PRESSURE AS A NATURAL SURGE. POOH W/ BIT.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|           | 09:00 - 11:00 | 2.00  | EVALFM | TRIP     | COMPZN | MU 5 3/4"x 9 1/2" LOCKO MATIC UNDER REAMER W/ 4 1/2" SHOCK<br>SUB ON TOP & TIH W/ 3 1/2" DCS & 2 7/8" DP TO 3438'.                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|           | 11:00 - 20:15 | 9.25  | EVALFM | REAM     | COMPZN | BREAK CIRCULATION W/1650CFM AIR, 10 BPH MIST W/ 1 GAL 450<br>FOAMER+ 1/2 GAL INHIBITOR PR/ 10BBLs OF PRODUCED H2O.<br>CIRCULATING PRESSURE- 640PSI. OPEN ARMS & UNDER REAM 6<br>1/4" HOLE OUT TO 9 1/2" FROM 3438'- 3794'. WOB- 4-6K TURNING<br>75-80 RPMS.                                                                                                                                                                                                                                                                                            |
|           | 20:15 - 22:30 | 2.25  | EVALFM | CIRC     | COMPZN | CIRCULATE & CONDITION HOLE ON BOTTOM(3794').                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|           | 22:30 - 23:15 | 0.75  | EVALFM | PULD     | COMPZN | PULL UP INSIDE 7" CSG LAYING DN 13-JTS OF DP.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|           | 23:15 - 00:15 | 1.00  | EVALFM | PRDT     | COMPZN | CONDUCT FLOW TEST THROUGH 2" CHOKE MANIFOLD USING<br>PITOT READINGS: INITIAL FLOW - 3PSI(1.06MMCFD)<br>15MIN FLOW - 6PSI(1.52MMCFD)<br>30MIN FLOW - 8PSI(1.75MMCFD)<br>45MIN FLOW - 8                                                                                                                                                                                                                                                                                                                                                                  |
|           |               |       |        |          |        | 1/2PSI(1.80MMCFD) LT MIST 60MIN<br>FLOW - 8 1/2PSI(1.80MMCFD) LT MIST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|           | 00:15 - 01:15 | 1.00  | EVALFM |          | COMPZN | SI FOR 60MIN BUILD UP.<br>INITIAL SI - 80PSI<br>15MIN SI - 310PSI<br>30MIN SI - 420PSI<br>45MIN SI - 500PSI<br>60MIN SI - 530PSI                                                                                                                                                                                                                                                                                                                                                                                                                       |
|           | 01:15 - 03:15 | 2.00  | EVALFM | TRIP     | COMPZN | RELEASE PRESSURE AS A NATURAL SURGE. POOH W/ UNDER<br>REAMER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|           | 03:15 - 05:30 | 2.25  | EVALFM | TRIP     | COMPZN | TIH W/ 6 1/4" BIT & TAG UP @ 3790'. PULL UP INSIDE 7" CSG SHOE<br>LAYING DN 13-JTS OF 2 7/8" DP.                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|           | 05:30 - 06:00 | 0.50  | EVALFM | OTHR     | COMPZN | RU TO PERFORM SURGE #1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 7/31/2004 | 06:00 - 18:30 | 12.50 | EVALFM | OTHR     | COMPZN | PERFORM AIR ASSIST HYDRAULIC SURGES #1, #2, #3, #4 & #5<br>PRESSURING UP THE DP TO 1150PSI & THE CSG TO 1000PSI ON<br>EACH BUILD UP. PUMPED 3 GAL OF 450 FOAMER AHEAD OF EACH<br>SURGE FOLLOWED BY H2O @ 1BPM W/ 900CFM AIR-MIST TIL<br>PRESSURE REACHED 1000PSI. CUT OFF AIR & PUMPED H2O TIL<br>PRESSURE DROPPED TO 500PSI. RESUMED PUMPING AIR-MIST<br>W/H2O @ 1 BPM TIL PRESSURE REACHED 1000PSI. REPEATED<br>PROCESS TWICE MORE. RELEASED SURGES W/ RETURNS OF<br>HVY MIST, H2O & HVY WHITE- GRAY FOAM AFTER EACH SURGE<br>W/ NO COAL TO SURFACE. |
|           | 18:30 - 18:45 | 0.25  | EVALFM | SFTY     | COMPZN | CREW CHANGE & RIG SERVICE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|           | 18:45 - 19:15 | 0.50  | EVALFM | TRIP     | COMPZN | TIH PICKING UP DP. TAG UP @ 3575'.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|           | 19:15 - 01:00 | 5.75  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3567'- 98' W/ 900CFM AIR, 06 BPH MIST W/ 1 GAL<br>450 FOAMER+ 1/2 GAL INHIBITOR PR/ 10 BBLs OF PRODUCED<br>H2O. CIRCULATING PRESSURE- 350PSI. RETURNS OF HVY- LT<br>COAL CHIPS( 1/2"- 1/8" IN SIZE. 4 DN TO 3/4 BKT PR/ HR FR<br>SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                                                                                                                                                                            |

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

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Legal Well Name: SAN JUAN 32-8 UNIT 257A  
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Contractor Name: KEY ENERGY SVCS  
Rig Name: KEY ENERGY

Spud Date: 7/2/2004  
Start: 7/20/2004 End: 8/18/2004  
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Rig Number: 29

| Date      | From - To     | Hours | Code   | Sub Code | Phase  | Description of Operations                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------|---------------|-------|--------|----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7/31/2004 | 01:00 - 06:00 | 5.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3599'- 3629' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE 350PSI. RETURNS OF HVY- MOD COAL CHIPS & LT COAL FINES. 4 DN TO 2 1/2 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                                                                                                                                                                                                   |
| 8/1/2004  | 06:00 - 07:00 | 1.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3599'- 3629' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 350PSI. RETURNS OF MOD COAL CHIPS & FINES. 2 1/2 DN TO 2 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 - 10:30 | 3.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3599'- 3629' W/ 900CFM AIR, 06 BPH MIST W/ 1 GAL 450 FOAMER+ 1/2 GAL INHIBITOR PR/ 10 BBLS OF PRODUCED H2O. CIRCULATING PRESSURE- 350PSI. RETURNS OF MOD- LT COAL FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                                                                                                                                            |
|           | 10:30 - 14:30 | 4.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3630'- 60' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 350PSI. RETURNS OF HVY- LT COAL CHIPS & FINES. 3 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                                                                                                                                                                                                                |
|           | 14:30 - 06:00 | 15.50 | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3661'- 92' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 350PSI. RETURNS OF HVY- LT COAL CHIPS(1/2"- 1/8" IN SIZE) & COAL FINES. 6 DN TO 1 1/2 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                                                                                                                                                                                    |
| 8/2/2004  | 06:00 - 07:00 | 1.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3661'- 92' W/ 900CFM AIR- MIST.CIRCULATING PRESSURE- 325PSI. RETURNS OF LT COAL CHIPS & MOD- LT COAL FINES. 2 1/2 DN TO 1 1/2 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 - 08:30 | 1.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3661'- 92' W/ 900CFM AIR- MIST.CIRCULATING PRESSURE- 325PSI. RETURNS OF LT COAL CHIPS & LT COAL FINES. 1 1/2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                                                                                                                                                                                                          |
|           | 08:30 - 11:00 | 2.50  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3693'- 3723' W/ 900CFM AIR- MIST.. CIRCULATING PRESSURE- 325PSI. RETURNS OF MOD- LT COAL CHIPS & FINES. 2 DN TO 1/2BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                                                                                                                                                                                                              |
|           | 11:00 - 11:30 | 0.50  | EVALFM | PULD     | COMPZN | PULL UP INSIDE 7" CSG LAYING DN 8-JTS OF 2 7/8" DP.                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|           | 11:30 - 17:30 | 6.00  | EVALFM | OTHR     | COMPZN | PERFORM AIR ASSIST HYDRAULIC SURGES #6 & #7 PRESSURING UP THE DP TO 1100PSI & CSG TO 1000PSI ON EACH BUILD UP. PUMP 3 GAL OF 450 FOAMER AHEAD OF EACH SURGE FOLLOWED BY 900CFM AIR- MIST & 1BPM PRODUCED H2O TIL DP REACHED 1000PSI. DROPPED AIR MIST & PUMPED H2O TIL PRESSURE DROPPED TO 500PSI. REPEAT PROCESS TWICE MORE. RELEASED SURGES W/ RETURNS OF BLK DUST, HVY GRAY MIST, H2O & GRAY FOAM FOLLOWED BY LT COAL CHIPS TO SURFACE. R&R AFTER 2ND SURGE W/ COAL FINES TO SURFACE. |
|           | 17:30 - 17:45 | 0.25  | EVALFM | PULD     | COMPZN | TIH PICKING UP DP. TAG UP @ 3593'.                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|           | 17:45 - 19:00 | 1.25  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3567'- 98' W/ 900CFM AIR, 06 BPH MIST W/ 1GAL 450 FOAMER+ 1/2 GAL INHIBITOR PR/ 10BBLS OF PRODUCED H2O. RETURNS OF MOD COAL CHIPS & HVY COAL FINES. 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|           | 19:15 - 06:00 | 10.75 | EVALFM | OTHR     | COMPZN | R&R CO RUNNING COAL FR 3567'- 98' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 300PSI. RETURNS OF LT COAL CHIPS &                                                                                                                                                                                                                                                                                                                                                                          |

## Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 257A  
 Common Well Name: SAN JUAN 32-8 UNIT 257A  
 Event Name: COMPLETION  
 Contractor Name: KEY ENERGY SVCS  
 Rig Name: KEY ENERGY

Start: 7/20/2004  
 Rig Release: 8/18/2004  
 Rig Number: 29  
 Spud Date: 7/2/2004  
 End: 8/18/2004  
 Group:

| Date     | From - To     | Hours | Code   | Sub Code | Phase  | Description of Operations                                                                                                                                                                                                                                        |
|----------|---------------|-------|--------|----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8/2/2004 | 19:15 - 06:00 | 10.75 | EVALFM | OTHR     | COMPZN | HVY- MOD COAL FINES. 4 DN TO 2 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                                                                                        |
| 8/3/2004 | 06:00 - 07:00 | 1.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3567'- 98' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 320PSI. RETURNS OF MOD COAL FINES. 2 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 - 13:00 | 5.50  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3567'- 98' W/ 900CFM AIR, 06 BPH MIST W/ 1GAL 450 FOAMER+ 1/2 GAL INHIBITOR PR/ 10BBLs OF PRODUCED H2O. CIRCULATING PRESSURE- 300PSI. RETURNS OF MOD- LT COAL FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.        |
|          | 13:00 - 15:00 | 2.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3599'- 3629' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 300PSI. RETURNS OF MOD- LT COAL CHIPS & FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                      |
|          | 15:00 - 17:00 | 2.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3630'- 60' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 300PSI. RETURNS OF MOD- LT COAL CHIPS & FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                        |
|          | 17:00 - 19:00 | 2.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3661'- 92' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 300PSI. RETURNS OF MOD- LT COAL CHIPS & FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & 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 3693'- 3723' W/ 900CFM AIR, 06 BPH MIST W/ 1 GAL 450 FOAMER+ 1/2 GAL INHIBITOR PR/ 10 BBLs OF PRODUCED H2O. CIRCULATING PRESSURE- 300PSI. RETURNS OF LT COAL CHIPS & HVY COAL FINES. 3 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE. |
|          | 06:00 - 07:00 | 1.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3692'- 3723' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 300PSI. RETURNS OF LT COAL CHIPS & MOD COAL FINES. 2 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.                                                                                                                                                                                                                       |
| 8/4/2004 | 07:30 - 16:30 | 9.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3692'- 3723' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 300PSI. RETURNS OF LT COAL CHIPS & MOD- LT COAL FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE. BLOW WELL DRY LAST 45MIN.                                    |
|          | 16:30 - 16:45 | 0.25  | EVALFM | PULD     | COMPZN | PULL UP INSIDE 7" CSG LAYING DN 8-JTS OF DP.                                                                                                                                                                                                                     |
|          | 16:45 - 17:45 | 1.00  | EVALFM | PRDT     | COMPZN | CONDUCT FLOW TEST THROUGH 2" CHOKE MANIFOLD USING PITOT READINGS. INITIAL FLOW - 2.5 PSI(970MCFD)<br>15MIN FLOW - 7.5PSI(1.70MMCFD)<br>30MIN FLOW - 9PSI(1.86MMCFD)<br>45MIN FLOW - 11PSI(2.03MMCFD)<br>60MIN FLOW -                                             |
|          |               |       |        |          |        | LT MIST<br>11PSI(2.03MMCFD) LT MIST                                                                                                                                                                                                                              |
|          | 17:45 - 18:45 | 1.00  | EVALFM | SIPB     | COMPZN | SI FOR 60MIN BUILD UP<br>INITIAL SI - 80PSI<br>15MIN SI - 250PSI<br>30MIN SI - 420PSI<br>45MIN SI - 490PSI<br>60MIN SI - 520PSI                                                                                                                                  |

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

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Legal Well Name: SAN JUAN 32-8 UNIT 257A  
Common Well Name: SAN JUAN 32-8 UNIT 257A  
Event Name: COMPLETION  
Contractor Name: KEY ENERGY SVCS  
Rig Name: KEY ENERGY

Start: 7/20/2004      Spud Date: 7/2/2004  
Rig Release: 8/18/2004      End: 8/18/2004  
Rig Number: 29      Group:

| Date     | From - To     | Hours | Code   | Sub Code | Phase  | Description of Operations                                                                                                                                                                                                                                                                                                                                                              |
|----------|---------------|-------|--------|----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8/4/2004 | 18:45 - 00:30 | 5.75  | EVALFM | OTHR     | COMPZN | PERFORM AIR ASSIST HYDRAULIC SURGES #8 & #9 PRESSURING UP THE DP TO 1100PSI BOTH TIMES & CSG TO 825PSI & 900PSI. PUMPED 1 GAL OF 450 FOAMER AHEAD OF 1ST SURGE FOLLOWED BY 3 - 10 BBL H2O PADS SPACED THROUGHOUT EACH BUILD UP. RELEASED SURGES W/ RETURNS OF BLK DUST, HVY GRAY MIST, H2O, GRAY FOAM & COAL CHIPS TO SURFACE. R&R IN BETWEEN SURGES W/ LOTS OF COAL FINES TO SURFACE. |
|          | 00:30 - 00:45 | 0.25  | EVALFM | TRIP     | COMPZN | TIH PICKING UP DP. TAG UP @ 3558'.                                                                                                                                                                                                                                                                                                                                                     |
|          | 00:45 - 04:00 | 3.25  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3535'- 66' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 300PSI. RETURNS OF LT COAL CHIPS & FINES. 1 1/2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                                                                                                               |
|          | 04:00 - 05:00 | 1.00  | EVALFM | OTHR     | COMPZN | R&R BREAK CIRCULATION W/ 900CFM AIR- MIST @ 3567'. CIRCULATED HOLE BRIEFLY BEFORE LOSING CIRCULATION & HOLE TIGHTENING UP. LAYED DN 3-JTS.                                                                                                                                                                                                                                             |
|          | 05:00 - 06:00 | 1.00  | EVALFM | OTHR     | COMPZN | ROTATING STUCK PIPE SLOWLY UP HOLE AT 3460' W/ NO CIRCULATION.                                                                                                                                                                                                                                                                                                                         |
| 8/5/2004 | 06:00 - 07:00 | 1.00  | EVALFM | OTHR     | COMPZN | CONTINUE ROTATING TIGHT PIPE UP INSIDE 7" CSG SHOE TIL FREE @ 3420'.                                                                                                                                                                                                                                                                                                                   |
|          | 07:00 - 07:30 | 0.50  | EVALFM | SFTY     | COMPZN | CREW CHANGE. SAFETY MEETING & RIG SERVICE.                                                                                                                                                                                                                                                                                                                                             |
|          | 07:30 - 11:00 | 3.50  | EVALFM | OTHR     | COMPZN | BREAK CIRCULATION W/ 1400 CFM AIR- MIST @ 3420'. SLOWLY WASH DN TO 3566'. CIRCULATE HOLE CLEAN.                                                                                                                                                                                                                                                                                        |
|          | 11:00 - 19:00 | 8.00  | EVALFM | OTHR     | COMPZN | R&R CO RUNNING COAL FR 3567'- 98' W/ 1400CFM AIR, 06 BPH MIST W/1 GAL 450 FOAMER+ 1/2 GAL INHIBITOR PR/ 10BBLs OF PRODUCED H2O. CIRCULATING PRESSURE- 520PSI. RETURNS OF LT COAL CHIPS & HVY COAL FINES. 4 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                                  |
|          | 19:00 - 19:15 | 0.25  | EVALFM | OTHR     | COMPZN | CREW CHANGE & SAFETY MEETING.                                                                                                                                                                                                                                                                                                                                                          |
| 8/6/2004 | 19:15 - 06:00 | 10.75 | EVALFM | OTHR     | COMPZN | R&R CO RUNNING COAL FR 3567'- 98' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 450PSI. RETURNS OF LT COAL CHIPS & HVY COAL FINES. 4 DN TO 3 1/2 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                                                                                              |
|          | 06:00 - 09:00 | 3.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3567'- 98' W/ 1400CFM AIR, 06 BPH MIST W/ 1 GAL 450 FOAMER+ 1/2 GAL INHIBITOR PR/ 10 BBLs OF PRODUCED H2O. CIRCULATING PRESSURE- 450PSI. RETURNS OF LT COAL CHIPS & MOD- LT COAL FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                           |
|          | 09:00 - 11:30 | 2.50  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3599'- 3629' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 450PSI. RETURNS OF MOD- LT COAL CHIPS & FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                                                                                                           |
|          | 11:30 - 14:00 | 2.50  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3630'- 60' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 450PSI. RETURNS OF MOD- LT COAL CHIPS & FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                                                                                                             |
|          | 14:00 - 16:00 | 2.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3661'- 75' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 450PSI. RETURNS OF MOD- LT COAL CHIPS & FINES. 1 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 6-JTS OF 2 7/8" DP.                                                                                                                                                                                                                                                                                                                                    |
|          | 16:15 - 22:00 | 5.75  | EVALFM | OTHR     | COMPZN | PERFORM AIR ASSIST SURGES #10 & #11 PRESSURING UP THE DP TO 800PSI & 950 PSI. CSG - 600PSI & 725PSI. PUMPED 1 GAL                                                                                                                                                                                                                                                                      |

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

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Legal Well Name: SAN JUAN 32-8 UNIT 257A  
Common Well Name: SAN JUAN 32-8 UNIT 257A  
Event Name: COMPLETION  
Contractor Name: KEY ENERGY SVCS  
Rig Name: KEY ENERGY

Start: 7/20/2004 End: 8/18/2004  
Rig Release: 8/18/2004 Group:  
Rig Number: 29

| Date     | From - To     | Hours | Code   | Sub Code | Phase  | Description of Operations                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------|-------|--------|----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8/6/2004 | 16:15 - 22:00 | 5.75  | EVALFM | OTHR     | COMPZN | 450 FOAMER AHEAD OF 1ST SURGE FOLLOWED BY 3 - 10 BBL H2O PADS SPACED THROUGHOUT EACH BUILD UP. RELEASED SURGES W/ RETURNS OF BLK DUST, GRAY MIST, GRAY H2O & GRAY- BLK FOAM W/ COAL CHIPS & FINES TO SURFACE. R&R IN BETWEEN SURGES W/ WELL BRINGING BACK LOTS OF FINES.                                                                                             |
|          | 22:00 - 22:15 | 0.25  | EVALFM | PULD     | COMPZN | TIH PICKING UP DP. TAG UP @ 3585'.                                                                                                                                                                                                                                                                                                                                   |
|          | 22:15 - 06:00 | 7.75  | EVALFM | OTHR     | COMPZN | R&R CO RUNNING COAL FR 3567'- 98' W/ 1400 CFM AIR- MIST. CIRCULATING PRESSURE- 450PSI. RETURNS OF LT COAL CHIPS & HVY COAL FINES. 4 DN TO 3 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                                                                               |
| 8/7/2004 | 06:00 - 11:00 | 5.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3567'- 98' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 450PSI. RETURNS OF LT COAL CHIPS & MOD COAL FINES. 3 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                                                                                                |
|          | 11:00 - 11:15 | 0.25  | EVALFM | PULD     | COMPZN | PULL UP INSIDE 7" CSG LAYING DN 6-JTS OF DP.                                                                                                                                                                                                                                                                                                                         |
|          | 11:15 - 18:00 | 6.75  | EVALFM | OTHR     | COMPZN | PERFORM AIR ASSIST SURGES #12, #13 & #14 PRESSURING UP THE DP TO 1000PSI ON EACH SURGE. CSG - 600PSI, 640PSI & 1000PSI. PUMPED 1 GAL 450 FOAMER AHEAD OF 1ST SURGE & 3 - 5BBL H2O PADS SPACED THROUGHOUT EACH BUILD UP. RELEASED SURGES W/ RETURNS OF BLK DUST, GRAY MIST, GRAY H2O & FOAM & COAL CHIPS & FINES. COAL TO SURFACE LIGHTENED UP W/ EACH SURGE.         |
|          | 18:00 - 19:00 | 1.00  | EVALFM | PULD     | COMPZN | TIH PICKING UP DP. TAG FILL @ 3571'. PULLED BACK UP INSIDE CSG LAYING DN DP. COAL BELOW 3571' WAS COVERED. COALS FR 3504'- 14' EXPOSED.                                                                                                                                                                                                                              |
|          | 19:00 - 23:00 | 4.00  | EVALFM | OTHR     | COMPZN | PERFORM AIR ASSIST SURGES #15 & #16 PRESSURING UP THE DP TO 1000PSI & 1250PSI. CSG - 650PSI & 1000PSI. PUMPED 1 GAL 450 FOAMER AHEAD OF 1ST SURGE FOLLOWED BY 3 - 5BBL H2O PADS SPACED THROUGHOUT EACH BUILD UP. RELEASED SURGES W/ RETURNS OF BRN DUST, LT GRAY MIST, H2O & FOAM. VERY LITTLE COAL CHIPS TO SURFACE ON 1ST SURGE & NO COAL TO SURFACE ON 2ND SURGE. |
|          | 23:00 - 23:30 | 0.50  | EVALFM | PULD     | COMPZN | TIH & TAG BRIDGE @ 3445'.                                                                                                                                                                                                                                                                                                                                            |
|          | 23:30 - 01:00 | 1.50  | EVALFM | CIRC     | COMPZN | BREAK CIRCULATION @ 3435' W/ 1400CFM AIR, 08 BPH MIST W/1 GAL 450 FOAMER+ 1/2 GAL INHIBITOR. CIRCULATING PRESSURE- 450PSI. DRILL THROUGH BRIDGE @ 3445'. HOLE IMMEDIATELY UNLOADED HVY DRY COAL CHIPS & FINES TO SURFACE. DP STARTED TORQUING UP & LOST CIRCULATION. LAYED DN 2-JTS OF DP. STUCK PIPE @ 3385'.                                                       |
|          | 01:00 - 06:00 | 5.00  | EVALWB | OTHR     | COMPZN | SI CSG & ALLOWED PRESSURE TO SLOWLY BUILD. ATTEMPTED TO ROTATE PIPE & WORK DN ONCE PER/ HR.                                                                                                                                                                                                                                                                          |
|          | 06:00 - 07:00 | 1.00  | EVALWB | OTHR     | COMPZN | CONTINUE WORKING TO UNSTICK DRILL STRING @ 3385'.                                                                                                                                                                                                                                                                                                                    |
|          | 07:00 - 07:30 | 0.50  | EVALWB | SFTY     | COMPZN | CREW CHANGE. SAFETY MEETING & RIG SERVICE.                                                                                                                                                                                                                                                                                                                           |
| 8/8/2004 | 07:30 - 19:00 | 11.50 | EVALWB | OTHR     | COMPZN | SURGED PIPE FREE. WORKED PIPE UP HOLE FR 3385'- 3115' W/SEVERAL COMBINATIONS OF SURGING THE CSG, ROTATING & UP DRILLING.                                                                                                                                                                                                                                             |
|          | 19:00 - 19:15 | 0.25  | EVALWB | SFTY     | COMPZN | CREW CHANGE & SAFETY MEETING.                                                                                                                                                                                                                                                                                                                                        |
|          | 19:15 - 23:00 | 3.75  | EVALWB | OTHR     | COMPZN | WORK STUCK DRL STRING FR 3115'-10. @ 2300 HRS, LOST CLUTCH ON RIG TRANSMISSION.                                                                                                                                                                                                                                                                                      |
| 8/9/2004 | 23:00 - 06:00 | 7.00  | EVALWB | OTHR     | COMPZN | SI WELL. WO MECHANIC & PARTS.                                                                                                                                                                                                                                                                                                                                        |
|          | 06:00 - 07:00 | 1.00  | EVALWB | OTHR     | COMPZN | SI WELL. WO RIG MECHANIC.                                                                                                                                                                                                                                                                                                                                            |
|          | 07:00 - 07:30 | 0.50  | EVALWB | SFTY     | COMPZN | CREW CHANGE. SAFETY MEETING & RIG SERVICE.                                                                                                                                                                                                                                                                                                                           |
|          | 07:30 - 16:00 | 8.50  | RIGMNT | RGRP     | COMPZN | REPLACE RIG CLUTCH.                                                                                                                                                                                                                                                                                                                                                  |



**CONOCOPHILLIPS CO**  
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Legal Well Name: SAN JUAN 32-8 UNIT 257A  
Common Well Name: SAN JUAN 32-8 UNIT 257A  
Event Name: COMPLETION  
Contractor Name: KEY ENERGY SVCS  
Rig Name: KEY ENERGY

Spud Date: 7/2/2004  
Start: 7/20/2004 End: 8/18/2004  
Rig Release: 8/18/2004 Group:  
Rig Number: 29

| Date      | From - To     | Hours | Code   | Sub Code | Phase  | Description of Operations                                                                                                                                                                                                                                                                             |
|-----------|---------------|-------|--------|----------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8/9/2004  | 16:00 - 19:00 | 3.00  | EVALWB | OTHR     | COMPZN | CONTINUE WORKING STUCK DRILL STRING @ 3110'.                                                                                                                                                                                                                                                          |
|           | 19:00 - 19:15 | 0.25  | EVALWB | SFTY     | COMPZN | CREW CHANGE & SAFETY MEETING.                                                                                                                                                                                                                                                                         |
|           | 19:15 - 06:00 | 10.75 | EVALWB | OTHR     | COMPZN | CONTINUE WORKING STUCK DRILL STRING @ 3110'.                                                                                                                                                                                                                                                          |
| 8/10/2004 | 06:00 - 07:00 | 1.00  | EVALWB | OTHR     | COMPZN | CONTINUE WORKING STUCK PIPE @ 3110'.                                                                                                                                                                                                                                                                  |
|           | 07:00 - 07:30 | 0.50  | EVALWB | SFTY     | COMPZN | CREW CHANGE. SAFETY MEETING & RIG SERVICE.                                                                                                                                                                                                                                                            |
|           | 07:30 - 16:00 | 8.50  | FISH   | PULL     | COMPZN | RU WIRELINE SPECIALTIES. FREE PT STUCK DRILL STRING. DP FREE TO 2664'. COULD NOT GET A GOOD READING ON DRILL COLLARS. ATTEMPT TO BACK OFF DRILL PIPE @ 2664'. TOOK 3 ATTEMPTS BEFORE SUCCESSFULLY BACKING OFF.                                                                                        |
|           | 16:00 - 17:00 | 1.00  | FISH   | TRIP     | COMPZN | POOH W/ DP.                                                                                                                                                                                                                                                                                           |
|           | 17:00 - 18:30 | 1.50  | FISH   | PULD     | COMPZN | PU FISHING ASSEMBLY CONSISTING OF 3 3/4" SCREW IN SUB, 3 3/4" BUMPER SUB, 3 3/4" JARS, 6 - 3 1/2" DCS & TOPPED OFF W/ 3 3/4" INTENSIFIER(185').                                                                                                                                                       |
|           | 18:30 - 19:30 | 1.00  | FISH   | TRIP     | COMPZN | TIH & SCREW INTO FISH TOP @ 2664'..                                                                                                                                                                                                                                                                   |
|           | 19:30 - 22:30 | 3.00  | FISH   | JAR      | COMPZN | JAR DN ON FISH & FREE UP. WORK STRING UP & DN SLOWLY KNOCKING OUT COAL RINGS.                                                                                                                                                                                                                         |
|           | 22:30 - 01:00 | 2.50  | FISH   | TRIP     | COMPZN | POOH LAYING DN FISHING ASSEMBLY, INSPECT BHA & CHANGE OUT BIT. 100% RECOVERY.                                                                                                                                                                                                                         |
|           | 01:00 - 05:15 | 4.25  | EVALFM | CIRC     | COMPZN | TIH W/ DRLG ASSEMBLY BREAKING CIRCULATION EVERY 20 -STANDS W/ 1400CFM AIR- MIST TO 3439'.                                                                                                                                                                                                             |
|           | 05:15 - 06:00 | 0.75  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3440'- 70' W/ 1400 CFM AIR, 08BPH MIST W/ 1GAL 450 FOAMER+ 1/2 GAL INHIBITOR PR/ 10 BBLs OF PRODUCED H2O. CIRCULATING PRESSURE- 450PSI. RETURNS OF LT COAL CHIPS & FINES. 1/2BKT PR HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE. DRILLED THROUGH BRIDGE @ 3450'.                  |
| 8/11/2004 | 06:00 - 07:00 | 1.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3471'- 3502' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 420PSI. RETURNS OF LT COAL CHIPS & FINES. 1 DN TO 1/2BKT 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 3503'- 34' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 420PSI. RETURNS OF LT COAL CHIPS & FINES. 1 DN TO 1/2BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                                  |
|           | 09:45 - 11:00 | 1.25  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3535'- 66' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 420PSI. RETURNS OF LT COAL CHIPS & FINES. 1 DN TO 1/2BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                                  |
|           | 11:00 - 19:00 | 8.00  | EVALFM | OTHR     | COMPZN | R&R CO RUNNING COAL FR 3567'- 98' W/ 1400CFM AIR, 06 BPH MIST W/ 1 GAL 450 FOAMER & 1/2 GAL INHIBITOR PR/ 10 BBLs OF PRODUCED H2O. CIRCULATING PRESSURE- 450PSI. RETURNS OF HVY COAL CHIPS(1/2"- 1/4" IN SIZE) & HVY COAL FINES. 6 DN TO 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.                                                                                                                                                                                                                                                                         |
|           | 19:15 - 06:00 | 10.75 | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3567'- 98' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 420PSI. RETURNS OF LT COAL CHIPS & HVY COAL FINES. 4 DN TO 2 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                         |
| 8/12/2004 | 06:00 - 07:00 | 1.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3567'- 98' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 420PSI. RETURNS OF LT COAL CHIPS & HVY COAL FINES. 3 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05%                                                                                                                               |

## Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 257A  
 Common Well Name: SAN JUAN 32-8 UNIT 257A  
 Event Name: COMPLETION  
 Contractor Name: KEY ENERGY SVCS  
 Rig Name: KEY ENERGY

Start: 7/20/2004 End: 8/18/2004  
 Rig Release: 8/18/2004 Group:  
 Rig Number: 29

| Date      | From - To     | Hours | Code   | Sub Code | Phase  | Description of Operations                                                                                                                                                                                                                                        |
|-----------|---------------|-------|--------|----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8/12/2004 | 06:00 - 07:00 | 1.00  | EVALFM | OTHR     | COMPZN | SAND & SHALE.                                                                                                                                                                                                                                                    |
|           | 07:00 - 07:30 | 0.50  | EVALFM | SFTY     | COMPZN | CREW CHANGE. SAFETY MEETING & RIG SERVICE.                                                                                                                                                                                                                       |
|           | 07:30 - 15:00 | 7.50  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3567'- 98' 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- LT COAL FINES. 3 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.       |
|           | 15:00 - 17:00 | 2.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3599'- 3629' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE 420PSI. RETURNS OF LT COAL CHIPS & FINES. 1 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE. 95% COAL, 05% SAND & SHALE.                                               |
|           | 17:00 - 19:00 | 2.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3630'- 60' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE 420PSI. RETURNS OF LT COAL CHIPS & FINES. 1 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                             |
| 8/13/2004 | 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 3661'- 92' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 420PSI. RETURNS OF LT COAL CHIPS & HVY- LT COAL FINES. 3 DN TO 1BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                  |
|           | 06:00 - 07:00 | 1.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3661'- 92' W/ 1400 CFM AIR- MIST. CIRCULATING PRESSURE- 440PSI. RETURNS OF MOD COAL FINES. 2 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 - 14:00 | 6.50  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3661'- 92' W/ 1400 CFM AIR- MIST. CIRCULATING PRESSURE- 440PSI. RETURNS OF MOD- LT COAL FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                              |
| 8/14/2004 | 14:00 - 19:00 | 5.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3693'- 3723' W/ 1400CFM AIR, 06 BPH MIST W/ 1GAL 450 FOAMER+ 1/2 GAL INHIBITOR PR/ 10 BBLs OF PRODUCED H2O. CIRCULATING PRESSURE- 440PSI. RETURNS OF LT COAL CHIPS & HVY COAL FINES. 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.                                                                                                                                                                                                                                    |
|           | 19:15 - 06:00 | 10.75 | EVALFM | OTHR     | COMPZN | R&R CO RUNNING COAL FR 3693'- 3723' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 440PSI. RETURNS OF LT COAL CHIPS & HVY COAL FINES. 4 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                  |
|           | 06:00 - 07:00 | 1.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3693'- 3723' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 420PSI. RETURNS OF HVY- MOD COAL FINES. 4 DN TO 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.                                                                                                                                                                                                                       |
| 8/14/2004 | 07:30 - 16:00 | 8.50  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3693'- 3723' W/ 1400CFM AIR- MISTW/ 1GAL OF 450 FOAMER+ 1/2 GAL INHIBITOR PR/ 10 BBLs OF PRODUCED H2O. CIRCULATING PRESSURE- 420PSI. RETURNS OF MOD- LT COAL FINES. 3 DN TO 3/4BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.          |
|           | 16:00 - 19:00 | 3.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3724'- 55' W/ 1400 CFM AIR- MIST. CIRCULATING PRESSURE- 420PSI. RETURNS OF MOD COAL FINES. 2 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & 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 3724'- 55' W/ 1400 CFM AIR- MIST. CIRCULATING                                                                                                                                                                                                     |

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

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Legal Well Name: SAN JUAN 32-8 UNIT 257A  
Common Well Name: SAN JUAN 32-8 UNIT 257A  
Event Name: COMPLETION  
Contractor Name: KEY ENERGY SVCS  
Rig Name: KEY ENERGY

Start: 7/20/2004  
Rig Release: 8/18/2004  
Rig Number: 29  
Spud Date: 7/2/2004  
End: 8/18/2004  
Group:

| Date      | From - To     | Hours | Code   | Sub Code | Phase  | Description of Operations                                                                                                                                                                                                                                                                                                         |
|-----------|---------------|-------|--------|----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8/14/2004 | 19:15 - 06:00 | 10.75 | EVALFM | OTHR     | COMPZN | PRESSURE- 420PSI. RETURNS OF MOD COAL FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                                                                                                                                |
| 8/15/2004 | 06:00 - 06:30 | 0.50  | EVALFM | PULD     | COMPZN | PULL UP INSIDE 7" CSG LAYING DN 10-JTS OF 2 7/8" DP.                                                                                                                                                                                                                                                                              |
|           | 06:30 - 07:30 | 1.00  | EVALFM | PRDT     | COMPZN | CONDUCT FLOW TEST THROUGH 2" CHOKE MANIFOLD USING PITOT READINGS: INITIAL FLOW - 5PSI(1.37MMCFD)<br>15MIN FLOW - 20PSI(2.86MMCFD)<br>30MIN FLOW - 23PSI(3.13MMCFD)<br>45MIN FLOW - 21PSI(2.95MMCFD)<br>60MIN FLOW -                                                                                                               |
|           | 07:30 - 08:30 | 1.00  | EVALFM | SIPB     | COMPZN | LT MIST<br>21PSI(2.95MMCFD) LT MIST<br>SI FOR 60MIN BUILD UP<br>INITIAL SI - 120PSI<br>15MIN SI - 300PSI<br>30MIN SI - 370PSI<br>45MIN SI - 410PSI<br>60MIN SI - 440PSI.                                                                                                                                                          |
|           | 08:30 - 16:00 | 7.50  | EVALFM | OTHR     | COMPZN | PERFORM NATURAL SURGES #17, #18 & #19 ALLOWING CSG PRESSURE TO BUILD UP TO 480PSI ON EACH BUILD UP. RELEASED SURGES PUMPING 1600CFM AIR-MIST DN DP & CIRCULATING W/ EACH SURGE. RETURNS OF BLK DUST, BLK MIST & LT COAL CHIPS TO SURFACE. CIRCULATE INBETWEEN SURGES.                                                             |
|           | 16:00 - 16:30 | 0.50  | EVALFM | TRIP     | COMPZN | TIH PICKING UP DP. TAG UP @ 3632'.                                                                                                                                                                                                                                                                                                |
|           | 16:30 - 19:00 | 2.50  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3630'- 60' W/ 1400 CFM AIR, 08 BPH MIST W/ 3 GALS OF 450 FOAMER, 1/2 GAL INHIBITOR & 1 GAL OF POLYMER PER/ 10 BBLs OF PRODUCED H2O. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD COAL FINES. 2 BKTS PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                          |
|           | 19:00 - 19:15 | 0.25  | EVALFM | SFTY     | COMPZN | CREW CHANGE & SAFETY MEETING.                                                                                                                                                                                                                                                                                                     |
|           | 19:15 - 02:00 | 6.75  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3630'- 60' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD- LT COAL FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND 7 SHALE.                                                                                                                                                |
|           | 02:00 - 05:30 | 3.50  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3661'- 92' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD- LT COAL FINES. 1 1/2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND 7 SHALE.                                                                                                                                            |
|           | 05:30 - 06:00 | 0.50  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3692'- 3723' W/ 1400CFM AIR- MIST. WO CIRCULATION.                                                                                                                                                                                                                                                                 |
| 8/16/2004 | 06:00 - 07:00 | 1.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3693'- 3723' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD COAL FINES. 2 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 - 14:00 | 6.50  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3693'- 3723' W/ 1400 CFM AIR, 08 BPH MIST W/ 3 GAL 450 FOAMER, 1/2 GAL INHIBITOR & 1 GAL POLYMER PR/ 10 BBLs OF PRODUCED H2O. LOST CIRCULATION 2 HRS. CIRCULATING PRESSURE WHEN CIRCULATION RETURNED- 400PSI. RETURNS OF MOD- LT COAL FINES. 2 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE. |
|           | 14:00 - 16:00 | 2.00  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3724'- 55' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD COAL FINES. 1 DN TO 1/2                                                                                                                                                                                                              |

## Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 257A  
 Common Well Name: SAN JUAN 32-8 UNIT 257A  
 Event Name: COMPLETION  
 Contractor Name: KEY ENERGY SVCS  
 Rig Name: KEY ENERGY

Spud Date: 7/2/2004  
 Start: 7/20/2004 End: 8/18/2004  
 Rig Release: 8/18/2004 Group:  
 Rig Number: 29

| Date      | From - To     | Hours | Code   | Sub Code | Phase  | Description of Operations                                                                                                                                                                                                                                                                                      |
|-----------|---------------|-------|--------|----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8/16/2004 | 14:00 - 16:00 | 2.00  | EVALFM | OTHR     | COMPZN | BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                                                                                                                                                                      |
|           | 16:00 - 17:30 | 1.50  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3724'- 55' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF MOD COAL FINES. 1 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                                                 |
|           | 17:30 - 19:00 | 1.50  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3756'- 87' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL FINES. 1 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.                                                                                                                                  |
|           | 19:00 - 19:15 | 0.25  | EVALFM | OTHR     | COMPZN | CREW CHANGE & SAFETY MEETING.                                                                                                                                                                                                                                                                                  |
|           | 19:15 - 05:00 | 9.75  | EVALFM | OTHR     | COMPZN | R&R CO COAL FR 3787'- 95' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL FINES. 1 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE. LOST CIRCULATION BRIEFLY SEVERAL TIMES WHILE ON BOTTOM.                                                                          |
| 8/17/2004 | 05:00 - 06:00 | 1.00  | EVALFM | PULD     | COMPZN | LD 11-JTS OF DP. HANG SWIVEL & POOH W/ BIT.                                                                                                                                                                                                                                                                    |
|           | 06:00 - 07:00 | 1.00  | EVALFM | OTHR     | COMPZN | WO RIG TONGS.                                                                                                                                                                                                                                                                                                  |
|           | 07:00 - 07:30 | 0.50  | EVALFM | SFTY     | COMPZN | CREW CHANGE. SAFETY MEETING & RIG SERVICE.                                                                                                                                                                                                                                                                     |
|           | 07:30 - 08:00 | 0.50  | EVALFM | OTHR     | COMPZN | SWAP OUT RIG TONGS.                                                                                                                                                                                                                                                                                            |
|           | 08:00 - 09:15 | 1.25  | EVALFM | TRIP     | COMPZN | POOH W/ DRLG ASSEMBLY.                                                                                                                                                                                                                                                                                         |
|           | 09:15 - 10:15 | 1.00  | EVALFM | RURD     | COMPZN | RIG UP TO RUN 5 1/2" CSG LINER. PRESSURE TEST 5 1/2" PIPE RAMS TO 500PSI.                                                                                                                                                                                                                                      |
|           | 10:15 - 13:00 | 2.75  | EVALFM | PULD     | COMPZN | MU 6 1/4" BIT & SUB ON BOTTOM OF 1-JT OF 5 1/2", 15.5#, J-55, 8-RD CSG. TIH PICKING UP 8 - ADDITIONAL JTS(TOTAL OF 401'). MU 5 1/2"x 7" H- LATCH DROP OFF TOOL ON TOP OF CSG. TIH W/ 2 7/8" DP TO 3770'.                                                                                                       |
|           | 13:00 - 13:30 | 0.50  | EVALFM | CIRC     | COMPZN | PU SWIVEL & BREAK CIRCULATION W/ 1400CFM AIR- MIST. DRILL THROUGH COAL BRIDGE @ 3770'. CLEAN OUT FILL FR 3780'- 86'. STUCK CSG @ 3786'( TD - 3795').                                                                                                                                                           |
|           | 13:30 - 13:45 | 0.25  | EVALFM | OTHR     | COMPZN | DROP OFF 5 1/2" CSG LINER W/ BIT @ 3786'. TOP OF BIT SUB @ 3784'. TOP OF LINER- 3380'.                                                                                                                                                                                                                         |
|           | 13:45 - 17:00 | 3.25  | EVALFM | PULD     | COMPZN | POOH LAYING DN DP & DCS.                                                                                                                                                                                                                                                                                       |
| 8/18/2004 | 17:00 - 19:30 | 2.50  | EVALFM | PERF     | COMPZN | RU BLUE JET WL. PERFORATE THE FRUITLAND COALS W/ 256 - .75" HOLES 4-JSPF AS FOLLOWS: 3714'- 19', 3705'- 12', 3661'- 69', 3647'- 52', 3630'- 43', 3590'- 94', 3580'- 88', 3504'- 14' & 3464'- 68'. TOTAL COAL- 64' ALL SHOTS FIRED OK. SWIFN.                                                                   |
|           | 07:00 - 08:00 | 1.00  | EVALFM | SFTY     | COMPZN | SAFETY MEETING. BLEED DN 500PSI CSG PRESSURE TO PIT.                                                                                                                                                                                                                                                           |
|           | 08:00 - 11:00 | 3.00  | EVALFM | PULD     | COMPZN | PU 2 7/8"x30' MUD ANCHOR W/ XO & 2 3/8"x 1.78" F NIPPLE ON TOP. TIH PU 120-JTS OF 2 3/8" PRODUCTION TBG & TBG SUB.                                                                                                                                                                                             |
|           | 11:00 - 11:15 | 0.25  | EVALFM | OTHR     | COMPZN | MU & LAND TBG HANGER IN TBG HEAD W/ BOTTOM OF MA @ 3780'KB. TOP OF F NIPPLE @ 3748'.                                                                                                                                                                                                                           |
|           | 11:15 - 13:15 | 2.00  | EVALFM | NUND     | COMPZN | ND BOP STACK. NU B- 1 ADAPTER FLANGE, PUMPING T & ROD RADIGAN. CONDUCT FINAL FLOW TEST THROUGH 2" CHOKE MANIFOLD USING PITOT READINGS: INITIAL FLOW - 23PSI(3.13MMCFD) 15MIN FLOW - 30PSI(3.78MMCFD) 30MIN FLOW - 30PSI(3.78MMCFD) 45MIN FLOW - 30PSI(3.78MMCFD) LT MIST 60MIN FLOW - 30PSI(3.78MMCFD) LT MIST |
|           | 13:15 - 16:00 | 2.75  | EVALFM | PULD     | COMPZN | USING A 2" x 3/4" ROD SUB, PU 2" x 1 1/2" x 12" RWAC- 2 ROD PUMP(#CP-152) & CHECK ACTION. GIH PICKING UP 149- 25' x 3/4" RODS. SPACE OUT ON SURFACE W/ 1-4' & 1- 8' 3/4" SUBS. SEAT                                                                                                                            |

**Operations Summary Report**

Legal Well Name: SAN JUAN 32-8 UNIT 257A  
 Common Well Name: SAN JUAN 32-8 UNIT 257A  
 Event Name: COMPLETION  
 Contractor Name: KEY ENERGY SVCS  
 Rig Name: KEY ENERGY

Spud Date: 7/2/2004  
 Start: 7/20/2004 End: 8/18/2004  
 Rig Release: 8/18/2004 Group:  
 Rig Number: 29

| Date      | From - To     | Hours | Code   | Sub Code | Phase  | Description of Operations                                                                                                                                      |
|-----------|---------------|-------|--------|----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8/18/2004 | 13:15 - 16:00 | 2.75  | EVALFM | PULD     | COMPZN | PUMP IN F NIPPLE W/ 22' x 1 1/2" POLISH ROD. TIGHTEN UP STUFFING BOX.                                                                                          |
|           | 16:00 - 17:00 | 1.00  | EVALFM | OTHR     | COMPZN | USING PRODUCED H2O, PRESSURE TEST TBG TO 500PSI. MANUALLY STROKE PUMP UP TO 800PSI. PUMPING OK. PU 4" OFF TAG. CLAMP OFF & HANG POLISH ROD. SWI, JOB COMPLETE. |
| 8/19/2004 | 07:00 - 07:30 | 0.50  | EVALFM | SFTY     | COMPZN | SAFETY MEETING.                                                                                                                                                |
|           | 07:30 - 15:00 | 7.50  | EVALFM | RURD     | COMPZN | RIG DN KEY #29 TO MOVE.                                                                                                                                        |