

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMSF079047

| | | | | | |
|--|--|--|---|--|--|
| 1a. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Other: CBM | | | 6. If Indian, Allottee or Tribe Name | | |
| b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____ | | | 7. Unit or CA Agreement Name and No. NMMN78424B | | |
| 2. Name of Operator CONOCOPHILLIPS COMPANY | | | 8. Lease Name and Well No. SAN JUAN 32-8 245A | | |
| 3. Address PO BOX 2197 WL3 6054 HOUSTON, TX 77252 | | | 9. API Well No. 30-045-32292-00-S1 | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 14 T31N R8W Mer NMP At surface SENW 1830FNL 1630FWL 36.89934 N Lat, 107.64778 W Lon At top prod interval reported below At total depth | | | 10. Field and Pool, or Exploratory BASIN FRUITLAND COAL | | |
| 14. Date Spudded 06/02/2004 | | | 15. Date T.D. Reached 06/07/2004 | | |
| 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/19/2004 | | | 17. Elevations (DF, KB, RT, GL)* 6638 GL | | |
| 18. Total Depth: MD 3606 TVD | | | 19. Plug Back T.D.: MD 3605 TVD | | |
| 20. Depth Bridge Plug Set: MD TVD | | | 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUDLOG | | |
| 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis) | | | | | |

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

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|------------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 12.250 | 9.625 H-40 | 32.0 | 0 | 236 | | 150 | 6 | 0 | |
| 6/6 8.750 | 7.000 J-55 | 20.0 | 0 | 3274 | | 530 | 6 | 0 | |
| 6/16 6.250 | 5.500 J-55 | 16.0 | 3247 | 3606 | | 0 | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.375 | 3586 | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-------------------|------|--------|---------------------|-------|-----------|--------------|
| A) FRUITLAND COAL | 3302 | 3526 | 3302 TO 3526 | 0.750 | 248 | OPEN |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

26. Perforation Record

| Depth Interval | Amount and Type of Material |
|----------------|-----------------------------|
| 3302 TO 3526 | CAVITATED |
| | |
| | |
| | |

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

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|------------------|-----------------|-----------|--------------|-------------|-----------------------|-----------------|-------------------|
| 07/19/2004 | 07/17/2004 | 24 | → | 0.0 | 1848.0 | 0.0 | | | GAS PUMPING UNIT |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. 35.0 | 24 Hr. Rate → | Oil BBL 0 | Gas MCF 1848 | Water BBL 0 | Gas:Oil Ratio | Well Status GSI | |

28a. Production - Interval B

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

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

ELECTRONIC SUBMISSION #33219 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMOC

ACCEPTED FOR RECORD
JUL 29 2004
FARMINGTON FIELD OFFICE

28b. Production - Interval C

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

28c. Production - Interval D

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

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

| Formation | Top | Bottom | Descriptions, Contents, etc. | Name | Top |
|------------|------|--------|------------------------------|-----------------|-------------|
| | | | | | Meas. Depth |
| SAN JOSE | 0 | 953 | | NACIMIENTO | 848 |
| NACIMIENTO | 953 | 2315 | | OJO ALAMO | 2356 |
| OJO ALAMO | 2315 | 2445 | | KIRTLAND | 2463 |
| | | | | PICTURED CLIFFS | 3534 |

32. Additional remarks (include plugging procedure):

THIS WELL IS A SINGLE WELL PRODUCING FROM THE BASIN FRUITLAND COAL.
ATTACHED IS THE WELLBORE SCHEMATIC AND THE DAILY SUMMARIES.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #33219 Verified by the BLM Well Information System.
For CONOCOPHILLIPS COMPANY, sent to the Farmington
Committed to AFMSS for processing by ADRIENNE BRUMLEY on 07/29/2004 (04AXB3000SE)

Name (please print) JUANITA FARRELL

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 07/28/2004

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

END OF WELL SCHEMATIC

Well Name: San Juan 32-8 # 245A
 API #: 30-045-32292
 Location: 1830' FNL & 1630' FWL
Sect 14 - T31N - R8W
San Juan County, NM
 Elevation: 6638' GL (above MSL)
 Drl Rig RKB: 13' above Ground Level
 Datum: Drl Rig RKB = 13' above GL

Note - this well is equipped with rods & pump
 7-1/16" 3M x 2-3/8" EUE 8rd Bonnet
 11" 3M x 7-1/16" 3M Tubing Head
 9-5/8" 8 RD x 11" 3M Casing Head

Spud: 2-Jun-04
 Release Drl Rig: 7-Jun-04
 Move In Cav Rig: 27-Jun-04
 Release Cav Rig: 18-Jul-04

Surface Casing Date set: 3-Jun-04
 Size 9 5/8 in
 Set at 236 ft # Jnts: 5
 Wt. 32.3 ppf Grade H-40
 Hole Size 12 1/4 in Conn STC
 Excess Cmt 125 %
 T.O.C. SURFACE

Csg Shoe 236 ft
 TD of 12-1/4" hole 245 ft

Notified BLM @ _____ hrs on 02-Jun-04
 Notified NMOCD @ _____ hrs on 02-Jun-04

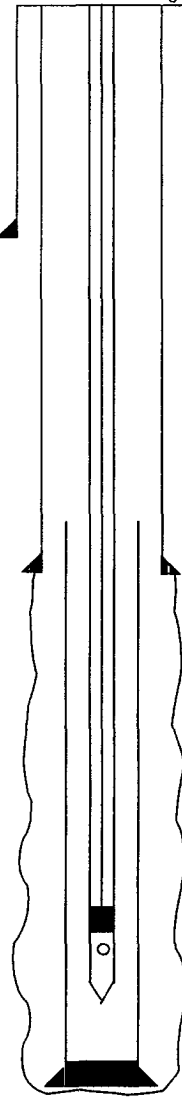
Intermediate Casing Date set: 6-Jun-04
 Size 7 in 76 jts
 Set at 3274 ft 0 pups
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in Conn STC
 Excess Cmt 160 %
 T.O.C. SURFACE Top of Float Collar 3228 ft
 Bottom of Casing Shoe 3274 ft
 Pup @ _____ ft TD of 8-3/4" Hole 3280 ft
 Pup @ _____ ft
 Notified BLM @ _____ hrs on 05-Jun-04
 Notified NMOCD @ _____ hrs on 05-Jun-04

Production Liner Date set: 16-Jul-04
 Size 5 1/2 in
 Nominal Wt. 15.5 ppf
 Grade J-55 Connections: LTC
 # Jnts: 8
 Hole Size 6.25 / 9.5 inches
 Underreamed 6-1/4" hole to 9.5" from 3280' to 3606'
 Top of Liner 3247 ft
 PBTB 3605 ft
 Bottom of Liner 3606 ft

☒ New
☐ Used

☒ New
☐ Used

☒ New
☐ Used



TD 3,606 ft

Surface Cement

Date cmt'd: 3-Jun-04
 Lead : 150 sx Class G Cement
 + 2% BWOC S001 Calcium Chloride
 + 0.25 lb/sx D029 Cellophane Flakes
1.16 cuft/sx, 174 cuft slurry at 15.8 ppg
 Displacement: 15.0 bbls fresh wtr
 Bumped Plug at: 17:50 hrs w/ 360 psi
 Final Circ Press: 30 psi @ 2 bpm
 Returns during job: YES
 CMT Returns to surface: 0.67
 Floats Held: No floats used
 W.O.C. for 6.00 hrs (plug bump to start NU BOP)
 W.O.C. for 14.00 hrs (plug bump to test csg)

Intermediate Cement

Date cmt'd: 6-Jun-04
 Lead : 430 sx Class G Cement
 + 3% D079 Extender
 + 0.25 lb/sx D029 Cellophane Flakes
 + 0.2% D046 Antifoam
2.61 cuft/sx, 1122.3 cuft slurry at 11.7 ppg
 Tail : 100 sx 50/50 POZ : Class G cement
 + 2% D020 Bentonite
 + 2% S001 Calcium Chloride
 + 5 lb/sx D024 Gilsonite
 + 0.25 lb/sx D029 Cellophane Flakes
 + 0.2% D046 Antifoam
1.27 cuft/sx, 127 cuft slurry at 13.5 ppg
 Displacement: 130.7 bbls
 Bumped Plug at: 23:55 hrs w/ 1500 psi
 Final Circ Press: 790 psi @ 2 bpm
 Returns during job: YES
 CMT Returns to surface: 15 bbls
 Floats Held: X Yes ___ No

UNCEMENTED LINER

Schematic prepared by:
 Steven O. Moore, Drilling Engineer
 26-July-2004

COMMENTS:

| | |
|-----------------|---|
| 9-5/8" Surf: | No float equipment was run. Ran a guide shoe and an aluminum baffle plate 1 jt above the guide shoe. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. Only got 0.67 bbls cmt returns to surface. Cement returns weighed 10.9 ppg. While WOC pump 5 bbls of 15.9 ppg cement to fill void. CENTRALIZERS: 234', 147', 104' & 60'. Total: 4 |
| 7" Intermediate | DISPLACED W/20 BBLs. FRESH WATER & 110.7 BBLs. 8.4 PPG SLIGHTLY POLYMERIZED DRILL WATER CENTRALIZERS @ 3272', 3228', 3141', 3054', 2968', 2882', 212', 82', 43'. TURBOLIZERS @ 2319', 2275', 2232' & 2188'. Total: 9 Total: 4 |
| 5.5" Liner | Ran a bladed shoe with float valve on btm of liner. Ran liner w/ TIW H-Latch Drop Off Tool (no liner hanger). |
| Perforations | Perforated 5-1/2" liner with guns on E-line at 4 spf, 0.75" diameter, 120 degree phased holes Perf. Intervals: 3302'-3305', 3306'-3308', 3313'-3318', 3341'-3344', 3376'-3380', 3384'-3388', 3389'-3392', 3424'-3432', 3434'-3438', 3453'-3458', 3493'-3500', 3512'-3526'. TOTAL SHOTS 248. |
| Tubing | 2-7/8" Orange Peeled Mud Anchor with eight each 0.25" x 8" slots just below the upset, 2-7/8" x 2-3/8" EUE 8rd crossover collar, 2-3/8" OD (1.78" ID) F-Nipple 113 jts 2-3/8" 4.7# J-55 EUE 8rd tubing + 1 ea 2-3/8" x 4" and 1 ea 2-3/8" x 8" pup jt run 1 jt below the tubing hanger. Bottom of Mud Anchor at 3586'. F-Nipple at 3556' MD RKB. |
| Pump & Rods | 12" long strainer attached below 1-1/2" RWAC-Z insert pump, 1 ea 4' x 3/4" OD pony rod on top of pump, 141 each 3/4" OD rods, spaced out with 8' - 6' - 4' x 3/4" OD pony rods & 1 ea 1-1/4" OD x 22' polished rod. Set pump in F-Nipple at 3556' MD RKB |

This well was cavitated.

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 245A
 Common Well Name: SAN JUAN 32-8 UNIT 245A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY ENERGY

Start: 6/7/2004 Spud Date: 6/2/2004
 Rig Release: 7/18/2004 End: 7/18/2004
 Rig Number: 27 Group:

| Date | From - To | Hours | Code | Sub Code | Phase | Description of Operations |
|-----------|---------------|-------|--------|----------|--------|--|
| 6/28/2004 | 07:00 - 07:30 | 0.50 | MOVE | SFTY | COMPZN | PJSM AND JSA WITH ALL PERSONEL ON LOCATION. |
| | 07:30 - 12:00 | 4.50 | MOVE | MOB | COMPZN | MOVE RIG, SPOT EQUIPMENT. MOVED TO THE SAN JUAN 32-8 # 245A SEC 14 - T31N - R8W 1830'FNL 1630'FWL NEAREST HELI PAD IS ON THE NORTH SIDE OF THIS LOCATION ON THE ADJOINING ROAD. |
| | | | | | | LEFT MESSAGE ON THE BLM HOTLINE PHONE FOR PRESSURE TEST @ 1205HRS. LEFT MESSAGE ON THE VOICE MAIL OF CHARLIE PERRIN WITH THE OCD @ 1200HRS ABOUT PRESSURE TEST. |
| 6/29/2004 | 12:00 - 19:00 | 7.00 | MOVE | RURD | COMPZN | NIPPLE UP BOPS, LAY BLOOEIE LINES AND FLOW LINES, RIG UP FLOOR. SECURE WELL AND SHUT DOWN FOR THE NIGHT. |
| | 19:00 - 06:00 | 11.00 | STIMOP | Wond | COMPZN | WE WILL HAVE TO USE DRYWATCH MEN ON THIS WELL DUE TO IT BEING RIGHT BESIDE THE HIGHWAY. |
| | 07:00 - 07:30 | 0.50 | DRILL | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| 6/29/2004 | 07:30 - 08:30 | 1.00 | DRILL | RURD | COMPZN | FINISH RIGGING UP. |
| | 08:30 - 09:00 | 0.50 | DRILL | SFTY | COMPZN | RIG INSPECTION AND REPAIR GIGS. |
| | 09:00 - 11:30 | 2.50 | WELCTL | SFEQ | COMPZN | PRESSURE TEST CASING AND BLIND RAMS 300# LOW AND 1800# HIGH FOR 30 MIN. STATE INTEGRITY TEST. PRESSURE TEST BOTH SETS OF PIPE RAMS, HCR VALVES, AND ALL MANIFOLD VALVES. 300 # LOW FOR 3 MIN. AND 1800 # HIGH FOR 10 MIN. ALL OK |
| 6/30/2004 | 11:30 - 12:00 | 0.50 | DRILL | OTHR | COMPZN | INSPECT DRILL COLLARS AND ALL SUBS, ALL OK |
| | 12:00 - 12:30 | 0.50 | DRILL | PULD | COMPZN | GIH PU BHA 6 1/4" RERUN BIT, BIT SUB WITH DP FLOAT, 12 - 3 1/2" DC'S, 1JT OF 2 7/8" DP, 1-2 7/8" FN W / 1.87 PROFILE. |
| | 12:30 - 14:00 | 1.50 | DRILL | PULD | COMPZN | PICK UP DRILL PIPE OUT OF PIPE BASKET AND TALLY. |
| 6/30/2004 | 14:00 - 16:30 | 2.50 | DRILL | PULD | COMPZN | GIH PICKING UP 90 JOINTS OF DRILL PIPE. |
| | 16:30 - 17:00 | 0.50 | DRILL | OTHR | COMPZN | SECURE WELL AND SHUT DOWN FOR THE NIGHT |
| | 17:00 - 07:00 | 14.00 | DRILL | OTHR | COMPZN | DRY WATCH RIG FOR THE NIGHT. |
| 6/30/2004 | 06:00 - 07:00 | 1.00 | DRILL | OTHR | COMPZN | DRY WATCH RIG. |
| | 07:00 - 07:30 | 0.50 | DRILL | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 07:30 - 08:00 | 0.50 | DRILL | SFEQ | COMPZN | PRESSURE TEST AIR LINES AND AIR MANIFOLD, 1200PSI HIGH FOR 10 MINUTES AND 200PSI LOW FOR 3 MINUTES. |
| 6/30/2004 | 08:00 - 09:15 | 1.25 | DRILL | OTHR | COMPZN | UNLOAD HOLE, ESTABLISH CIRCULATION, DRLG FLOAT COLLAR AND 46' OF CEMENT. TAG FLOAT @ 3228' CSG SHOE @ 3273' TD 8 3/4 HOLE @ 3280' |
| | 09:15 - 16:00 | 6.75 | DRILL | DRLG | COMPZN | DRILLING FORMATION 3280' TO 3606' DRLG WITH 750 CFM AIR, 5 TO 6BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. 200PSI ON STANDPIPE. |

CONOCOPHILLIPS CO
Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 245A
Common Well Name: SAN JUAN 32-8 UNIT 245A
Event Name: COMPLETION
Contractor Name: KEY ENERGY SVCS
Rig Name: KEY ENERGY

Spud Date: 6/2/2004
Start: 6/7/2004
End: 7/18/2004
Rig Release: 7/18/2004
Group:
Rig Number: 27

| Date | From - To | Hours | Code | Sub Code | Phase | Description of Operations |
|-----------|---------------|-------|-------|----------|--------|--|
| 6/30/2004 | 09:15 - 16:00 | 6.75 | DRILL | DRLG | COMPZN | NO WATER TO SURFACE OR TSTM. 3295' - 3296' 1' 111 UNITS OF GAS 3302' - 3304' 2' 120 UNITS OF GAS 3306' - 3309' 3' 160 UNITS OF GAS 3314' - 3317' 3' 145 UNITS OF GAS 3342' - 3344' 2' 60 UNITS OF GAS 3352' - 3353' 1' 60 UNITS OF GAS 3376' - 3379' 3' 188 UNITS OF GAS 3387' - 3390' 3' 317 UNITS OF GAS 3390' - 3391' 1' 310 UNITS OF GAS 3424' - 3444' 20' 380 UNITS OF GAS 3454' - 3458' 4' 390 UNITS OF GAS 3494' - 3499' 5' 424 UNITS OF GAS 3512' - 3522' 10' 398 UNITS OF GAS 3524' - 3526' 2' 401 UNITS OF GAS TOTAL COAL 60' |
| | 16:00 - 17:00 | 1.00 | DRILL | CIRC | COMPZN | BLOW HOLE CLEAN WITH 750 CFM AIR, 5 TO 6 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. 200PSI ON STANDPIPE. WELL WAS MAKING 1 1/2 BUCKET PER HOUR OF COAL, DOWN TO 1/2 BUCKET PER HOUR OF COAL |
| | 17:00 - 17:30 | 0.50 | DRILL | CIRC | COMPZN | TURN OFF MIST PUMP AND BLOW WELL DRY. |
| | 17:30 - 18:00 | 0.50 | DRILL | PULD | COMPZN | PULL UP INTO CASING LAYING DOWN 13 JOINTS OF DRILL PIPE WITH POWER SWIVEL. |
| | 18:00 - 19:00 | 1.00 | FLOWT | PRDT | COMPZN | 2" OPEN FLOW TEST INITIAL PRESSURE 2# ON GAUGE 1.00 # 615 MCFD 15 MINUTES - 5 # ON GAUGE 1.25 # 687 MCFD 30 MINUTES - 6 # ON GAUGE 1.50 # 752 MCFD 45 MINUTES - 6 # ON GAUGE 1.50 # 752 MCFD 60 MINUTES - 6 # ON GAUGE 1.50 # 752 MCFD WELL STARTED MISTING AFTER 30 MINUTE READING. |
| | 19:00 - 21:30 | 2.50 | FLOWT | SIPB | COMPZN | SHUT IN TEST INSP 10 PSI 15 MINUTES 100 PSI 30 MINUTES 145 PSI 45 MINUTES 190 PSI 60 MINUTES 235 PSI 75 MINUTES 270 PSI 90 MINUTES 305 PSI 105 MINUTES 340 PSI 120 MINUTES 370 PSI RELEASE AS NATURAL SURGE, LET WELL BLOW DOWN. |
| | 21:30 - 23:30 | 2.00 | DRILL | TRIP | COMPZN | TRIP OUT OF HOLE, JSA AND SAFETY MEETING WITH ALL PERSONEL. PICK UP UNDER REAMER AND SHOCK SUB. |
| | 23:30 - 02:15 | 2.75 | DRILL | TRIP | COMPZN | TRIP IN HOLE, PICK UP AND RIG UP POWER SWIVEL. |
| | 02:15 - 06:00 | 3.75 | DRILL | UREM | COMPZN | UNDER REAM 6 1/4" HOLE TO 9 1/2" HOLE FROM 3280' TO 3510' WITH 1100 CFM AIR, 8 TO 10 BPH MIST WITH 1/4 |

CONOCOPHILLIPS CO
Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 245A
Common Well Name: SAN JUAN 32-8 UNIT 245A
Event Name: COMPLETION
Contractor Name: KEY ENERGY SVCS
Rig Name: KEY ENERGY

Start: 6/7/2004
Rig Release: 7/18/2004
Rig Number: 27
Spud Date: 6/2/2004
End: 7/18/2004
Group:

| Date | From - To | Hours | Code | Sub Code | Phase | Description of Operations |
|-----------|---------------|-------|--------|----------|--------|--|
| 6/30/2004 | 02:15 - 06:00 | 3.75 | DRILL | UREM | COMPZN | GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. 600PSI ON STAND PIPE |
| 7/1/2004 | 06:00 - 07:15 | 1.25 | DRILL | UREM | COMPZN | UNDER REAM 6 1/4" HOLE TO 9 1/2" HOLE FROM 3510' TO 3606' WITH 1100 CFM AIR, 8 TO 10 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. 600PSI ON STAND PIPE |
| | 07:15 - 08:15 | 1.00 | DRILL | CIRC | COMPZN | BLOW HOLE CLEAN WITH 1100 CFM AIR, 5 TO 6 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. 200PSI ON STANDPIPE. |
| | 08:15 - 09:00 | 0.75 | DRILL | CIRC | COMPZN | TURN OFF MIST PUMP AND DRY HOLE UP. |
| | 09:00 - 09:30 | 0.50 | DRILL | PULD | COMPZN | PULL UP INTO CASING LAYING DOWN 13 JOINTS WITH POWER SWIVEL. |
| | 09:30 - 11:00 | 1.50 | FLOWT | PRDT | COMPZN | 2" OPEN FLOW TEST INITIAL PRESSURE 1 # ON GAUGE 0.25 # 309 MCFD 15 MINUTES - 3 # ON GAUGE .75 # 539 MCFD 30 MINUTES - 5 # ON GAUGE 1.25 # 687 MCFD 45 MINUTES - 5 # ON GAUGE 1.25 # 687 MCFD 60 MINUTES - 6 # ON GAUGE 1.50 # 752 MCFD WELL MISTING AFTER FIRST READING. |
| | 11:00 - 12:30 | 1.50 | DRILL | TRIP | COMPZN | TRIP OUT OF HOLE TO LAY DOWN AND LOAD OUT UNDER REAMER AND SHOCK SUB.. |
| | 12:30 - 14:00 | 1.50 | STIMOP | TRIP | COMPZN | PICK UP BIT, FLOAT, AND BIT SUB AND TRIP IN HOLE TO 3252'. |
| | 14:00 - 16:30 | 2.50 | FLOWT | SIPB | COMPZN | SHUT IN TEST INSP 20PSI 15 MINUTES 100 PSI 30 MINUTES 160 PSI 45 MINUTES 270 PSI 60 MINUTES 300 PSI 75 MINUTES 325 PSI 90 MINUTES 345 PSI 105 MINUTES 345 PSI 120 MINUTES 345 PSI |
| | 16:30 - 05:00 | 12.50 | STIMOP | CAV | COMPZN | RELEASE AS NATURAL SURGE, LET WELL BLOW DOWN. HYDRAULIC SURGE AS FOLLOWS PUMP 1 GALLON FOAMER PUMP AIR MIST AT 5 BBL PER HOUR TO 500 PSI. PUMP 10 BBL WATER PAD. PUMP AIR MIST AT 5 BBL PER HOUR TO 1100 PSI. PUMP 10 BBL WATER PAD. PUMP AIR MIST AT 5 BBL PER HOUR TO 1200 PSI. PUMP 10 BBL WATER PAD. PUMP AIR MIST AT 5 BBL PER HOUR TO 1300 PSI. PUMP 20 BBL WATER PAD. PUMP AIR MIST AT 5 BBL PER HOUR TO 1350 PSI. PUMP 20 BBL WATER PAD. PUMP AIR MIST AT 5 BBL PER HOUR TO 1400 PSI. PUMP 20 BBL WATER PAD. PUMP AIR MIST AT 5 BBL PER HOUR TO 1300 PSI. SURGE #1 DP 1375PSI CSG 1325PSI SURGE #2 DP 1400PSI CSG 1300PSI |

CONOCOPHILLIPS CO
Operations Summary Report

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Start: 6/7/2004
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Rig Number: 27
Spud Date: 6/2/2004
End: 7/18/2004
Group:

| Date | From - To | Hours | Code | Sub Code | Phase | Description of Operations |
|----------|---------------|-------|--------|----------|--------|---|
| 7/1/2004 | 16:30 - 05:00 | 12.50 | STIMOP | CAV | COMPZN | SURGE #3 DP 1400PSI CSG 1350PSI SURGE #4 DP 1300PSI CSG 1200PSI SURGE #5 DP 1400PSI CSG 1300PSI NO BREAK DOWN. |
| | 05:00 - 05:30 | 0.50 | STIMOP | PULD | COMPZN | GIH PICKING UP DRILL PIPE WITH POWER SWIVEL, TAG @ 3409' |
| | 05:30 - 06:00 | 0.50 | STIMOP | FCO | COMPZN | R&R CLEAN OUT @ 3409' WITH 1100 CFM AIR, 5 TO 6 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL MAKING 2 TO 4 BPH OF COAL. RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / NO WATER GAIN |
| 7/2/2004 | 06:00 - 07:00 | 1.00 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3409' TO 3440' WITH 1100 CFM AIR, 5 TO 6 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL MAKING 2 TO 4 BPH OF COAL. RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / NO WATER GAIN |
| | 07:00 - 07:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 07:30 - 09:00 | 1.50 | STIMOP | FCO | COMPZN | R&R CLEAN OUT @ 3440' WITH 1100 CFM AIR, 5 TO 6 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL MAKING 2 TO 4 BPH OF COAL. RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / NO WATER GAIN |
| | 09:00 - 10:30 | 1.50 | RIGMNT | SVRG | COMPZN | PULL UP INTO CASING LAYING DOWN 6 JOINTS OF DRILL PIPE WITH POWER SWIVEL. CHANGE OIL IN RIG MOTOR AND GENERATOR MOTOR. |
| | 10:30 - 11:00 | 0.50 | STIMOP | FCO | COMPZN | GIH PICKING UP DRILL PIPE WITH POWER SWIVEL, TAG UP @ 3435 |
| | 11:00 - 19:00 | 8.00 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3435' TO 3502' WITH 1100 CFM AIR, 5 TO 6 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 1/2 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL MAKING 3 TO 4 BPH OF COAL. RETURN'S TO SURFACE, MED TO HEAVY COAL & FINE'S W / NO WATER GAIN |
| | 19:00 - 19:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 19:30 - 06:00 | 10.50 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3502' TO 3540' WITH 1100 CFM AIR, 5 TO 6 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 1/2 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL MAKING 3 TO 4 BPH OF COAL. RETURN'S TO SURFACE, MED TO HEAVY COAL & FINE'S W / NO WATER GAIN |
| | 06:00 - 06:30 | 0.50 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3502' TO 3540' WITH 1100 CFM AIR, 5 TO 6 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 1/2 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL MAKING 3 TO 4 BPH OF COAL. RETURN'S TO SURFACE, MED TO HEAVY COAL & FINE'S W / NO WATER GAIN |
| | 06:30 - 07:00 | 0.50 | STIMOP | PULD | COMPZN | PULL UP INTO CASING LAYING DOWN 10 JOINTS OF DRILL PIPE WITH POWER SWIVEL. |
| 7/3/2004 | 07:00 - 07:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |

CONOCOPHILLIPS CO
Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 245A
Common Well Name: SAN JUAN 32-8 UNIT 245A
Event Name: COMPLETION
Contractor Name: KEY ENERGY SVCS
Rig Name: KEY ENERGY

Start: 6/7/2004
Rig Release: 7/18/2004
Rig Number: 27
Spud Date: 6/2/2004
End: 7/18/2004
Group:

| Date | From - To | Hours | Code | Sub Code | Phase | Description of Operations |
|----------|---------------|-------|--------|----------|--------|---|
| 7/3/2004 | 07:30 - 10:00 | 2.50 | STIMOP | CAV | COMPZN | SURGE #6, AS FOLLOWS 1 GALLON OF SOAP DOWN DRILL PIPE, PUMP 10 BBLs OF WATER PRESSURE UP TO 400PSI WITH AIR MIST PUMP 10 BBLs OF WATER PRESSURE UP TO 800PSI WITH AIR MIST PUMP 10 BBLs OF WATER PRESSURE UP TO 1200PSI WITH AIR MIST RELEASE SURGE WHILE PUMPING AIR MIST AT 900CFM AND 5 BBL PER HOUR MIST. SURGE # 6 DP 1100PSI CSG 1000PSI |
| | 10:00 - 11:00 | 1.00 | RIGMNT | RGRP | COMPZN | REPLACE HYDRAULIC HOSE ON #1 AIR COMPRESSOR |
| | 11:00 - 19:00 | 8.00 | STIMOP | CAV | COMPZN | SURGE #7, #8 AS FOLLOWS 1 GALLON OF SOAP DOWN DRILL PIPE, RELEASE SURGE WHILE PUMPING AIR MIST AT 1100CFM AND 5 BBL PER HOUR MIST. SURGE # 7 DP 1300PSI CSG 1750PSI SURGE # 8 DP 1250PSI CSG 1100PSI |
| | 19:00 - 19:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 19:30 - 02:00 | 6.50 | STIMOP | PULD | COMPZN | GIH PICKING UP DRILL PIPE WITH POWER SWIVEL, TAG @ 3394' TRY TO BREAK CIRCULATION, HOLE PRESSURED UP. WORK PIPE OUT OF HOLE TO 3347' POWER SWIVEL BROKE DOWN, HOOK UP POWER SWIVEL TO RIG HYDRAULIC SYSTEM. EQUALIZE BACKSIDE WITH 1200PSI RELEASE AS SURGE, CONTINUE WORKING PIPE. |
| | 02:00 - 02:30 | 0.50 | STIMOP | PULD | COMPZN | PULL UP INTO CASING LAYING DOWN 3 JOINTS OF DRILL PIPE WITH POWER SWIVEL. |
| | 02:30 - 06:00 | 3.50 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3280' TO 3347' WITH 1500 CFM AIR, 5 TO 8 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 2 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL MAKING 8 TO 10 BPH OF COAL. RETURN'S TO SURFACE, HEAVY HEAVY COAL & FINE'S W / NO WATER GAIN. |
| | | | | | | RETURNS TO SURFACE GOLF BALL SIZE. |
| | | | | | | R&R CLEAN OUT 3280' TO 3347' WITH 1500 CFM AIR, 5 TO 8 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 2 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL MAKING 8 TO 10 BPH OF COAL. |
| | | | | | | RETURN'S TO SURFACE, HEAVY HEAVY COAL & FINE'S W / NO WATER GAIN |
| 7/4/2004 | 06:00 - 07:00 | 1.00 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3280' TO 3347' WITH 1500 CFM AIR, 5 TO 8 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 2 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL MAKING 8 TO 10 BPH OF COAL. RETURN'S TO SURFACE, HEAVY HEAVY COAL & FINE'S W / NO WATER GAIN |
| | 07:00 - 07:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 07:30 - 19:00 | 11.50 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3347' TO 3388' WITH 1500 CFM AIR, 8 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 2 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL MAKING 8 TO 10 BPH OF COAL. RETURN'S TO SURFACE, HEAVY HEAVY COAL & FINE'S W / NO WATER GAIN |
| | 19:00 - 19:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 19:30 - 06:00 | 10.50 | STIMOP | FCO | COMPZN | R&R CLEAN OUT @ 3388' WITH 1500 CFM AIR, 8 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 2 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL MAKING 8 TO 10 BPH OF COAL DOWN TO 4BPH. |

CONOCOPHILLIPS CO
Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 245A
Common Well Name: SAN JUAN 32-8 UNIT 245A
Event Name: COMPLETION
Contractor Name: KEY ENERGY SVCS
Rig Name: KEY ENERGY

Start: 6/7/2004
Rig Release: 7/18/2004
Rig Number: 27
Spud Date: 6/2/2004
End: 7/18/2004
Group:

| Date | From - To | Hours | Code | Sub Code | Phase | Description of Operations |
|----------|---------------|-------|--------|----------|--------|---|
| 7/4/2004 | 19:30 - 06:00 | 10.50 | STIMOP | FCO | COMPZN | RETURN'S TO SURFACE, HEAVY COAL & FINE'S W / NO WATER GAIN |
| 7/5/2004 | 06:00 - 07:00 | 1.00 | STIMOP | FCO | COMPZN | R&R CLEAN OUT @ 3388' WITH 1500 CFM AIR, 8 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 2 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL MAKING 8 TO 10 BPH OF COAL DOWN TO 4BPH. RETURN'S TO SURFACE, HEAVY COAL & FINE'S W / NO WATER GAIN |
| | 07:00 - 07:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 07:30 - 19:00 | 11.50 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3388' TO 3409' WITH 1500 CFM AIR, 12 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 2 1/2 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL MAKING 3 TO 4 BPH OF COAL. RETURN'S TO SURFACE, HEAVY TO MEDIUM COAL & FINE'S W / NO WATER GAIN |
| | 19:00 - 19:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 19:30 - 06:00 | 10.50 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3409' TO 3440' WITH 1500 CFM AIR, 12 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 2 1/2 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL MAKING 3 TO 4 BPH OF COAL DOWN TO 2 BPH. RETURN'S TO SURFACE, HEAVY TO MEDIUM COAL & FINE'S W / NO WATER GAIN. |
| 7/6/2004 | 06:00 - 07:00 | 1.00 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3409' TO 3440' WITH 1500 CFM AIR, 10 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 2 1/2 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL MAKING 3 TO 4 BPH OF COAL DOWN TO 2 BPH. RETURN'S TO SURFACE, HEAVY TO MEDIUM COAL & FINE'S W / NO WATER GAIN. |
| | 07:00 - 07:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 07:30 - 08:15 | 0.75 | STIMOP | FCO | COMPZN | R&R CLEAN OUT @ 3440' WITH 1500 CFM AIR, 12 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 2 1/2 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL MAKING 3 TO 4 BPH OF COAL DOWN TO 2 BPH. RETURN'S TO SURFACE, HEAVY TO MEDIUM COAL & FINE'S W / NO WATER GAIN. |
| | 08:15 - 08:30 | 0.25 | RIGMNT | SVRG | COMPZN | PULL UP INTO CASING LAYING DOWN 7 JOINTS OF DRILL PIPE WITH POWER SWIVEL. |
| | 08:30 - 12:15 | 3.75 | RIGMNT | SVRG | COMPZN | CHANGE OIL IN AIR COMPRESSORS, CHANGE OIL IN POWER SWIVEL UNIT, CHANGE OUT HYDRAULIC MOTOR ON POWER SWIVEL. |
| | 12:15 - 12:30 | 0.25 | STIMOP | PULD | COMPZN | GIH PICKING UP DRILL PIPE WITH POWER SWIVEL. TAG @ 3435' |
| | 12:30 - 19:00 | 6.50 | STIMOP | FCO | COMPZN | CHANGE STRIPPING RUBBER. R&R CLEAN OUT 3435' TO 3502' WITH 1500 CFM AIR, 10 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 1/2 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL MAKING 3 BPH OF COAL. RETURN'S TO SURFACE, MEDIUM TO LIGHT COAL & FINE'S W / NO WATER GAIN. |
| | 19:00 - 19:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 19:30 - | | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3502' TO 3533' WITH 1500 CFM AIR, 10 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 1/2 GAL 450 FOAMER PER 10 BARRELS OF WATER. |

CONOCOPHILLIPS CO
Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 245A
Common Well Name: SAN JUAN 32-8 UNIT 245A
Event Name: COMPLETION
Contractor Name: KEY ENERGY SVCS
Rig Name: KEY ENERGY

Start: 6/7/2004
Rig Release: 7/18/2004
Rig Number: 27
Spud Date: 6/2/2004
End: 7/18/2004
Group:

| Date | From - To | Hours | Code | Sub Code | Phase | Description of Operations |
|----------|---------------|-------|--------|----------|--------|---|
| 7/6/2004 | 19:30 - | | STIMOP | FCO | COMPZN | WELL IS MAKING 4 BPH OF COAL. RETURN'S TO SURFACE, MEDIUM TO LIGHT COAL & FINE'S W / 1 BBL PER HOUR WATER GAIN. |
| 7/7/2004 | 06:00 - 07:00 | 1.00 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3502' TO 3533' WITH 1500 CFM AIR, 10 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 1/2 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL IS MAKING 4 BPH OF COAL. RETURN'S TO SURFACE, MEDIUM TO LIGHT COAL & FINE'S W / 1 BBL PER HOUR WATER GAIN. |
| | 07:00 - 07:30 | 0.50 | STIMOP | FCO | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 07:30 - 10:00 | 2.50 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3502' TO 3533' WITH 1500 CFM AIR, 10 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 1/2 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL IS MAKING 4 BPH OF COAL. RETURN'S TO SURFACE, MEDIUM TO LIGHT COAL & FINE'S W / 3 BBL PER HOUR WATER GAIN. |
| | 10:00 - 10:15 | 0.25 | STIMOP | PULD | COMPZN | PULL UP INTO CASING LAYING DOWN 9 JOINTS OF DRILL PIPE WITH POWER SWIVEL. |
| | 10:15 - 12:00 | 1.75 | STIMOP | CAV | COMPZN | CHANGE PIPE RAM RUBBERS IN #1 BOP. PRESSURE TEST PIPE RAMS IN #1 BOP 300PSI LOW AND 1800PSI HIGH. |
| | 12:00 - 19:00 | 7.00 | STIMOP | CAV | COMPZN | SURGE #9, #10, #11, AS FOLLOWS. 2 GALLONS OF SOAP DOWN DRILL PIPE, PUMP 5 BBLS OF WATER PRESSURE UP TO 500PSI WITH AIR MIST PUMP 5 BBLS OF WATER PRESSURE UP TO 750PSI WITH AIR MIST PUMP 5 BBLS OF WATER PRESSURE UP TO 900PSI WITH AIR MIST RELEASE SURGE WHILE PUMPING AIR MIST AT 1500CFM AND 5 BBL PER HOUR MIST. SURGE #9 DP 750PSI CSG 600 PSI SURGE #10 DP 900PSI CSG 800 PSI SURGE #11 DP 1000PSI CSG 900 PSI |
| | 19:00 - 19:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 19:30 - 21:30 | 2.00 | STIMOP | CAV | COMPZN | SURGE #12, AS FOLLOWS. 2 GALLONS OF SOAP DOWN DRILL PIPE, PUMP 5 BBLS OF WATER PRESSURE UP TO 500PSI WITH AIR MIST PUMP 5 BBLS OF WATER PRESSURE UP TO 750PSI WITH AIR MIST PUMP 5 BBLS OF WATER PRESSURE UP TO 900PSI WITH AIR MIST RELEASE SURGE WHILE PUMPING AIR MIST AT 1500CFM AND 5 BBL PER HOUR MIST. SURGE #12 DP 1000PSI CSG 850 PSI |
| | 21:30 - 22:00 | 0.50 | STIMOP | CAV | COMPZN | GIH PICKING UP DRILL PIPE WITH POWER SWIVEL, TAG @ 3394' |
| | 22:00 - 06:00 | 8.00 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3394' TO 3410' WITH 1500 CFM AIR, 6 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL IS MAKING 4 BPH OF COAL. RETURN'S TO SURFACE, HEAVY COAL & FINE'S W / 3 BBL PER |

CONOCOPHILLIPS CO

Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 245A
 Common Well Name: SAN JUAN 32-8 UNIT 245A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY ENERGY

Start: 6/7/2004
 Rig Release: 7/18/2004
 Spud Date: 6/2/2004
 End: 7/18/2004
 Group:
 Rig Number: 27

| Date | From - To | Hours | Code | Sub Code | Phase | Description of Operations |
|----------|---------------|-------|--------|----------|--------|---|
| 7/7/2004 | 22:00 - 06:00 | 8.00 | STIMOP | FCO | COMPZN | HOUR WATER GAIN. |
| 7/8/2004 | 06:00 - 07:00 | 1.00 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3394' TO 3410' WITH 1500 CFM AIR, 6 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL IS MAKING 4 BPH OF COAL. RETURN'S TO SURFACE, HEAVY COAL & FINE'S W / NO WATER GAIN. |
| | 07:00 - 07:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 07:30 - 19:00 | 11.50 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3410' TO 3530' WITH 1500 CFM AIR, 6 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL IS MAKING 3 BPH OF COAL. RETURN'S TO SURFACE, HEAVY COAL & FINE'S W / NO WATER GAIN. |
| | 19:00 - 19:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 19:30 - 06:00 | 10.50 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3530' TO 3564' WITH 1500 CFM AIR, 8 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL IS MAKING 3 BPH OF COAL. RETURN'S TO SURFACE, HEAVY COAL & FINE'S W / 3 BBLS PER HOUR WATER GAIN. |
| 7/9/2004 | 06:00 - 07:00 | 1.00 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3530' TO 3564' WITH 750 CFM AIR, 5 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL IS MAKING 3 BPH OF COAL. RETURN'S TO SURFACE, HEAVY COAL & FINE'S W / 3 BBLS PER HOUR WATER GAIN. |
| | 07:00 - 07:30 | 0.50 | STIMOP | SFTY | COMPZN | ONE AIR COMPRESSOR DOWN. |
| | 07:30 - 08:00 | 0.50 | FLOWT | OTHR | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 08:00 - 08:15 | 0.25 | FLOWT | PULD | COMPZN | TURN OFF MIST PUMP AND DRY HOLE UP. |
| | 08:15 - 09:15 | 1.00 | FLOWT | PRDT | COMPZN | PULL UP INTO CASING LAYING DOWN 10 JOINTS OF DRILL PIPE WITH POWER SWIVEL. |
| | | | | | | 2" OPEN FLOW TEST |
| | | | | | | INITIAL PRESSURE 9 # ON GAUGE 2.25 # 913 MCFD |
| | | | | | | 15 MINUTES - 20 # ON GAUGE 5.00 # 1374 MCFD |
| | | | | | | 30 MINUTES - 22 # ON GAUGE 5.50 # 1454 MCFD |
| | | | | | | 45 MINUTES - 22 # ON GAUGE 5.50 # 1454 MCFD |
| | | | | | | 60 MINUTES - 22 # ON GAUGE 5.50 # 1454 MCFD |
| | | | | | | WELL MISTING AFTER FIRST READING. |
| | 09:15 - 12:00 | 2.75 | FLOWT | SIPB | COMPZN | SHUT IN TEST |
| | | | | | | INSP 30PSI |
| | | | | | | 15 MINUTES 90 PSI |
| | | | | | | 30 MINUTES 160 PSI |
| | | | | | | 45 MINUTES 200 PSI |
| | | | | | | 60 MINUTES 250 PSI |
| | | | | | | 75 MINUTES 270 PSI |
| | | | | | | 90 MINUTES 285 PSI |
| | | | | | | 105 MINUTES 300 PSI |
| | | | | | | 120 MINUTES 315 PSI |
| | | | | | | 135 MINUTES 330 PSI |
| | | | | | | RELEASE AS NATURAL SURGE, LET WELL BLOW DOWN. |
| | 12:00 - 19:00 | 7.00 | STIMOP | CAV | COMPZN | SURGE #13, #14, PUMP 2 GALLON FOAMER |

CONOCOPHILLIPS CO

Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 245A
 Common Well Name: SAN JUAN 32-8 UNIT 245A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY ENERGY

Start: 6/7/2004
 Rig Release: 7/18/2004
 Rig Number: 27
 Spud Date: 6/2/2004
 End: 7/18/2004
 Group:

| Date | From - To | Hours | Code | Sub Code | Phase | Description of Operations |
|-----------|---------------|-------|--------|----------|--------|--|
| 7/9/2004 | 12:00 - 19:00 | 7.00 | STIMOP | CAV | COMPZN | PUMP 3, 5BBL WATER PADS ON EACH SURGE. SURGE #13 DP 850PSI CSG 750 PSI SURGE #14 DP 800PSI CSG 700 PSI PJSM WITH ALL PERSONEL ON LOCATION. |
| | 19:00 - 19:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 19:30 - 06:00 | 10.50 | STIMOP | CAV | COMPZN | SURGE #15, #16, #17, #18, PUMP 2 GALLON FOAMER PUMP 3, 5BBL WATER PADS ON EACH SURGE. SURGE #15 DP 750PSI CSG 600 PSI SURGE #16 DP 750PSI CSG 600 PSI SURGE #17 DP 850PSI CSG 750 PSI SURGE #18 STILL BUILDING. |
| 7/10/2004 | 06:00 - 07:00 | 1.00 | STIMOP | CAV | COMPZN | SURGE #18, PUMP 2 GALLON FOAMER PUMP 3, 5BBL WATER PADS ON EACH SURGE. |
| | 07:00 - 07:30 | 0.50 | STIMOP | SFTY | COMPZN | SURGE #18 DP 750PSI CSG 600 PSI PJSM WITH ALL PERSONEL ON LOCATION. |
| | 07:30 - 13:00 | 5.50 | STIMOP | CAV | COMPZN | SURGE #19, PUMP 2 GALLON FOAMER PUMP 3, 5BBL WATER PADS ON EACH SURGE. |
| | 13:00 - 13:30 | 0.50 | STIMOP | PULD | COMPZN | SURGE #19 DP 1075PSI CSG 900 PSI GIH PICKING UP DRILL PIPE WITH POWER SWIVEL TAG @ 3394' |
| | 13:30 - 19:00 | 5.50 | STIMOP | FCO | COMPZN | R&R CLEAN OUT @ 3394' WITH 1500 CFM AIR, 10 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL IS MAKING 3 TO 5 BPH OF COAL. RETURN'S TO SURFACE, HEAVY COAL & FINE'S WITH NO WATER GAIN. |
| | 19:00 - 19:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| 7/11/2004 | 19:30 - 06:00 | 10.50 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3394' TO 3414' WITH 1500 CFM AIR, 10 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL IS MAKING 3 TO 5 BPH OF COAL. RETURN'S TO SURFACE, HEAVY COAL & FINE'S WITH NO WATER GAIN. |
| | 06:00 - 07:00 | 1.00 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3394' TO 3414' WITH 1500 CFM AIR, 10 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL IS MAKING 3 TO 5 BPH OF COAL. RETURN'S TO SURFACE, HEAVY COAL & FINE'S WITH NO WATER GAIN. |
| | 07:00 - 07:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 07:30 - 19:00 | 11.50 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3414' TO 3470' WITH 1500 CFM AIR, 10 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL IS MAKING 3 TO 5 BPH OF COAL. RETURN'S TO SURFACE, HEAVY COAL & FINE'S WITH NO WATER GAIN. |
| | 19:00 - 19:30 | 0.50 | STIMOP | SFTY | COMPZN | PUMPING FLUSHES EVERY 2 HOURS, 2 GALLONS FOAMER AND 3 BBLs WATER WITH RIG PUMP. |
| | 19:30 - 06:00 | 10.50 | STIMOP | FCO | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. R&R CLEAN OUT @ 3470' WITH 1500 CFM AIR, 10 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. |

CONOCOPHILLIPS CO
Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 245A
Common Well Name: SAN JUAN 32-8 UNIT 245A
Event Name: COMPLETION
Contractor Name: KEY ENERGY SVCS
Rig Name: KEY ENERGY

Spud Date: 6/2/2004
Start: 6/7/2004
End: 7/18/2004
Rig Release: 7/18/2004
Group:
Rig Number: 27

| Date | From - To | Hours | Code | Sub Code | Phase | Description of Operations |
|-----------|---------------|-------|--------|----------|--------|---|
| 7/11/2004 | 19:30 - 06:00 | 10.50 | STIMOP | FCO | COMPZN | WELL IS MAKING 3 BPH OF COAL. RETURN'S TO SURFACE, HEAVY COAL & FINE'S WITH NO WATER GAIN. PUMPING FLUSHES EVERY 2 HOURS, 2 GALLONS FOAMER AND 3 BBL'S WATER WITH RIG PUMP. |
| 7/12/2004 | 06:00 - 07:00 | 1.00 | STIMOP | FCO | COMPZN | R&R CLEAN OUT @ 3470' WITH 1500 CFM AIR, 10 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL IS MAKING 3 BPH OF COAL. RETURN'S TO SURFACE, HEAVY COAL & FINE'S WITH NO WATER GAIN. PUMPING FLUSHES EVERY 2 HOURS, 2 GALLONS FOAMER AND 3 BBL'S WATER WITH RIG PUMP. |
| | 07:00 - 07:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 07:30 - 09:15 | 1.75 | STIMOP | FCO | COMPZN | R&R CLEAN OUT @ 3470' WITH 1500 CFM AIR, 10 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL IS MAKING 3 BPH OF COAL. RETURN'S TO SURFACE, HEAVY COAL & FINE'S WITH NO WATER GAIN. PUMPING FLUSHES EVERY 2 HOURS, 2 GALLONS FOAMER AND 3 BBL'S WATER WITH RIG PUMP. |
| | 09:15 - 11:45 | 2.50 | STIMOP | FCO | COMPZN | R&R CLEAN OUT @ 3470' WITH 750 CFM AIR, 6 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL IS MAKING 3 BPH OF COAL. RETURN'S TO SURFACE, HEAVY COAL & FINE'S WITH NO WATER GAIN. PUMPING FLUSHES EVERY 2 HOURS, 2 GALLONS FOAMER AND 3 BBL'S WATER WITH RIG PUMP. |
| | 11:45 - 19:00 | 7.25 | STIMOP | FCO | COMPZN | 1 COMPRESSOR DOWN. R&R CLEAN OUT 3470' TO 3502' WITH 1100 CFM AIR, 6 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL IS MAKING 3 BPH OF COAL. RETURN'S TO SURFACE, HEAVY COAL & FINE'S WITH NO WATER GAIN. PUMPING FLUSHES EVERY 2 HOURS, 2 GALLONS FOAMER AND 3 BBL'S WATER WITH RIG PUMP. |
| | 19:00 - 19:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 19:30 - 06:00 | 10.50 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3502' TO 3562' WITH 1100 CFM AIR, 6 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL IS MAKING 2 BPH OF COAL. RETURN'S TO SURFACE, HEAVY COAL & FINE'S 3 BBL'S PER HOUR WATER GAIN. PUMPING FLUSHES EVERY 2 HOURS, 2 GALLONS FOAMER AND 3 BBL'S WATER WITH RIG PUMP. |
| 7/13/2004 | 06:00 - 06:30 | 0.50 | STIMOP | CIRC | COMPZN | TURN OFF MIST PUMP AND DRY UP HOLE. |
| | 06:30 - 07:00 | 0.50 | STIMOP | PULD | COMPZN | PULL UP INTO CASING LAYING DOWN 11 JOINTS OF DRILL PIPE WITH POWER SWIVEL. |
| | 07:00 - 08:00 | 1.00 | FLOWT | PRDT | COMPZN | 2" OPEN FLOW TEST INITIAL PRESSURE 9 # ON GAUGE 2.25 # 913 MCFD |

CONOCOPHILLIPS CO
Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 245A
Common Well Name: SAN JUAN 32-8 UNIT 245A
Event Name: COMPLETION
Contractor Name: KEY ENERGY SVCS
Rig Name: KEY ENERGY

Start: 6/7/2004
Rig Release: 7/18/2004
Rig Number: 27
Spud Date: 6/2/2004
End: 7/18/2004
Group:

| Date | From - To | Hours | Code | Sub Code | Phase | Description of Operations |
|-----------|---------------|-------|--------|----------|--------|---|
| 7/13/2004 | 07:00 - 08:00 | 1.00 | FLOWT | PRDT | COMPZN | 15 MINUTES - 24 # ON GAUGE 6.00 # 1520 MCFD 30 MINUTES - 25 # ON GAUGE 6.25 # 1578 MCFD 45 MINUTES - 25 # ON GAUGE 6.25 # 1578 MCFD 60 MINUTES - 25 # ON GAUGE 6.25 # 1578 MCFD WELL MISTING AFTER FIRST READING. |
| | 08:00 - 10:00 | 2.00 | STIMOP | PRDT | COMPZN | SHUT IN TEST INSP 40PSI 15 MINUTES 100 PSI 30 MINUTES 150 PSI 45 MINUTES 200 PSI 60 MINUTES 230 PSI 75 MINUTES 250 PSI 90 MINUTES 265 PSI 105 MINUTES 275 PSI 120 MINUTES 290 PSI RELEASE AS NATURAL SURGE #1, LET WELL BLOW DOWN. |
| | 10:00 - 19:00 | 9.00 | STIMOP | CAV | COMPZN | NATURAL SURGE #1 290PSI 2HRS #2 310PSI 3HRS WIND DIRECTION #3 330PSI 4HRS WIND DIRECTION #4 START SURGE #4 |
| | 19:00 - 19:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 19:30 - 20:30 | 1.00 | STIMOP | CAV | COMPZN | NATURAL SURGE #4 2 1/2HRS 330PSI |
| | 20:30 - 21:00 | 0.50 | STIMOP | PULD | COMPZN | GIH PICKING UP DRILL PIPE WITH POWER SWIVEL, TAG @ 3545' |
| | 21:00 - 22:00 | 1.00 | STIMOP | PULD | COMPZN | PULL UP INTO CASING LAYING DOWN 10 JOINTS OF DRILL PIPE WITH POWER SWIVEL. |
| | 22:00 - 03:00 | 5.00 | STIMOP | CAV | COMPZN | NATURAL SURGE #5 2 1/2HRS 300PSI #6 2 1/2HRS 310PSI |
| | 03:00 - 03:30 | 0.50 | STIMOP | PULD | COMPZN | GIH PICKING UP DRILL PIPE WITH POWER SWIVEL, TAG @ 3523' |
| | 03:30 - 06:00 | 2.50 | STIMOP | FCO | COMPZN | R&R CLEAN OUT @ 3523' WITH 1100 CFM AIR, 6 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL IS MAKING 3 BPH OF COAL. RETURN'S TO SURFACE, HEAVY COAL & FINE'S 3 BBLS PER HOUR WATER GAIN. PUMPING FLUSHES EVERY 2 HOURS, 2 GALLONS FOAMER AND 3 BBLS WATER WITH RIG PUMP. |
| 7/14/2004 | 06:00 - 07:00 | 1.00 | STIMOP | FCO | COMPZN | R&R CLEAN OUT @ 3523' WITH 1100 CFM AIR, 6 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. WELL IS MAKING 3 BPH OF COAL. RETURN'S TO SURFACE, HEAVY COAL & FINE'S 3 BBLS PER HOUR WATER GAIN. PUMPING FLUSHES EVERY 2 HOURS, 2 GALLONS FOAMER AND 3 BBLS WATER WITH RIG PUMP. |
| | 07:00 - 07:30 | 0.50 | STIMOP | PULD | COMPZN | TURN OFF MIST PUMP AND DRY HOLE UP. |
| | 07:30 - 08:15 | 0.75 | FLOWT | PULD | COMPZN | PULL UP INTO CASING LAYING DOWN 10 JOINTS OF DRILL PIPE WITH POWER SWIVEL. |
| | 08:15 - 09:15 | 1.00 | FLOWT | PRDT | COMPZN | 2" OPEN FLOW TEST INITIAL PRESSURE 20# ON GAUGE 5.00# 1374 MCFD 15 MINUTES - 30 # ON GAUGE 7.50 # 1702 MCFD |

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Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 245A
Common Well Name: SAN JUAN 32-8 UNIT 245A
Event Name: COMPLETION
Contractor Name: KEY ENERGY SVCS
Rig Name: KEY ENERGY

Start: 6/7/2004
Rig Release: 7/18/2004
Rig Number: 27
Spud Date: 6/2/2004
End: 7/18/2004
Group:

| Date | From - To | Hours | Code | Sub Code | Phase | Description of Operations |
|-----------|---------------|-------|--------|----------|--------|---|
| 7/14/2004 | 08:15 - 09:15 | 1.00 | FLOWT | PRDT | COMPZN | 30 MINUTES - 30 # ON GAUGE 7.50 # 1702 MCFD 45 MINUTES - 30 # ON GAUGE 7.50 # 1702 MCFD 60 MINUTES - 30 # ON GAUGE 7.50 # 1702 MCFD WELL MISTING AFTER FIRST READING. |
| | 09:15 - 11:15 | 2.00 | FLOWT | SIPB | COMPZN | SHUT IN TEST INSP 50PSI 15 MINUTES 130 PSI 30 MINUTES 180 PSI 45 MINUTES 210 PSI 60 MINUTES 240 PSI 90 MINUTES 285 PSI 120 MINUTES 300 PSI RELEASE AS NATURAL SURGE #1, LET WELL BLOW DOWN. |
| | 11:15 - 14:00 | 2.75 | STIMOP | CAV | COMPZN | NATURAL SURGE #7 300PSI 2 HRS #8 310PSI 2 1/2 HRS |
| | 14:00 - 14:30 | 0.50 | STIMOP | PULD | COMPZN | GIH PICKING UP DRILL PIPE WITH POWER SWIVEL, TAG @ 3527' |
| | 14:30 - 19:00 | 4.50 | STIMOP | FCO | COMPZN | ESTABLISH CIRCULATION, R&R CLEAN OUT @ 3527' WITH 1100 CFM AIR, 6 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER, 2 GAL SS-1200 POLYMER PER 10 BARRELS OF WATER. WELL IS MAKING 4 BPH OF COAL. RETURN'S TO SURFACE, HEAVY COAL & FINE'S 3 BBLS PER HOUR WATER GAIN. PUMPING FLUSHES EVERY 2 HOURS, 2 GALLONS FOAMER AND 3 BBLS WATER WITH RIG PUMP. |
| | 19:00 - 19:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 19:30 - 22:00 | 2.50 | STIMOP | FCO | COMPZN | R&R CLEAN OUT @ 3527' WITH 1100 CFM AIR, 6 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER, 2 GAL SS-1200 POLYMER PER 10 BARRELS OF WATER. WELL IS MAKING 4 BPH OF COAL. RETURN'S TO SURFACE, HEAVY COAL & FINE'S 3 BBLS PER HOUR WATER GAIN. PUMPING FLUSHES EVERY 2 HOURS, 2 GALLONS FOAMER AND 3 BBLS WATER WITH RIG PUMP. |
| | 22:00 - 06:00 | 8.00 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3527' TO 3576' WITH 1500 CFM AIR, 10 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER, 4 GAL SS-1200 POLYMER PER 10 BARRELS OF WATER. WELL IS MAKING 2 BPH OF COAL DOWN FROM 4 BPH. RETURN'S TO SURFACE, HEAVY COAL & FINE'S 3 BBLS PER HOUR WATER GAIN. PUMPING FLUSHES EVERY 2 HOURS, 2 GALLONS FOAMER AND 3 BBLS WATER WITH RIG PUMP. |
| 7/15/2004 | 06:00 - 07:00 | 1.00 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3527' TO 3576' WITH 1500 CFM AIR, 10 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER, 4 GAL SS-1200 POLYMER PER 10 BARRELS OF WATER. WELL IS MAKING 2 BPH OF COAL DOWN FROM 4 BPH. RETURN'S TO SURFACE, HEAVY COAL & FINE'S 3 BBLS PER HOUR WATER GAIN. PUMPING FLUSHES EVERY 2 HOURS, 2 GALLONS FOAMER AND 3 |

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 245A

Common Well Name: SAN JUAN 32-8 UNIT 245A

Event Name: COMPLETION

Contractor Name: KEY ENERGY SVCS

Rig Name: KEY ENERGY

Start: 6/7/2004

Rig Release: 7/18/2004

Rig Number: 27

Spud Date: 6/2/2004

End: 7/18/2004

Group:

| Date | From - To | Hours | Code | Sub Code | Phase | Description of Operations |
|-----------|---------------|-------|--------|----------|--------|--|
| 7/15/2004 | 06:00 - 07:00 | 1.00 | STIMOP | FCO | COMPZN | BBLS WATER WITH RIG PUMP. |
| | 07:00 - 07:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 07:30 - 10:00 | 2.50 | STIMOP | SFTY | COMPZN | R&R CLEAN OUT 3576' TO 3606' WITH 1100 CFM AIR, 10 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER, 4 GAL SS-1200 POLYMER PER 10 BARRELS OF WATER. |
| | | | | | | WELL IS MAKING 2 BPH OF COAL DOWN FROM 4 BPH. |
| | | | | | | RETURN'S TO SURFACE, HEAVY COAL & FINE'S |
| | | | | | | 3 BBLS PER HOUR WATER GAIN. |
| | 10:00 - 12:00 | 2.00 | STIMOP | PULD | COMPZN | SHORT TRIP, PULL UP INTO CASING LAYING DOWN 12 JOINTS OF DRILL PIPE WITH POWER SWIVEL. |
| | | | | | | WAIT FOR ONE HOUR. |
| | | | | | | GIH PICKING UP DRILL PIPE WITH POWER SWIVEL. TAG @ 3527' |
| | 12:00 - 19:00 | 7.00 | STIMOP | FCO | COMPZN | R&R CLEAN OUT @ 3527' WITH 1500 CFM AIR, 10 TO 16 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER, 4 GAL SS-1200 POLYMER PER 10 BARRELS OF WATER. |
| 7/16/2004 | | | | | | WELL WILL NOT CIRCULATE WITH LOWER VOLUMES OF MIST. |
| | | | | | | WELL IS MAKING 2 BPH OF COAL DOWN FROM 4 BPH. |
| | | | | | | RETURN'S TO SURFACE, HEAVY COAL & FINE'S |
| | 19:00 - 19:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 19:30 - 22:30 | 3.00 | STIMOP | FCO | COMPZN | R&R CLEAN OUT @ 3527' WITH 1500 CFM AIR, 10 TO 16 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER, 4 GAL SS-1200 POLYMER PER 10 BARRELS OF WATER. |
| | | | | | | WELL WILL NOT CIRCULATE WITH LOWER VOLUMES OF MIST. |
| | | | | | | WELL IS MAKING 2 BPH OF COAL DOWN FROM 4 BPH. |
| | | | | | | RETURN'S TO SURFACE, HEAVY COAL & FINE'S |
| | 22:30 - 23:00 | 0.50 | STIMOP | OTHR | COMPZN | WORK TIGHT HOLE @ 3533' |
| | 23:00 - 06:00 | 7.00 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3527' TO 3564' WITH 1500 CFM AIR, 10 TO 12 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 2 GAL 450 FOAMER, 2 GAL SS-1200 POLYMER PER 10 BARRELS OF WATER. |
| 7/16/2004 | | | | | | WELL WILL NOT CIRCULATE WITH LOWER VOLUMES OF MIST. |
| | | | | | | WELL IS MAKING 2 BPH OF COAL. |
| | | | | | | RETURN'S TO SURFACE, COAL FINE'S. |
| | | | | | | PUMPING SWEEP WITH RIG PUMP EVERY 2 HOURS, 2 GALLONS FOAMER WITH 4BBLS WATER. |
| 7/16/2004 | 06:00 - 07:00 | 1.00 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3527' TO 3580' WITH 1500 CFM AIR, 10 TO 12 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 2 GAL 450 FOAMER, 2 GAL SS-1200 POLYMER PER 10 BARRELS OF WATER. |
| | | | | | | WELL WILL NOT CIRCULATE WITH LOWER VOLUMES OF MIST. |
| | | | | | | WELL IS MAKING 2 BPH OF COAL. |
| | | | | | | RETURN'S TO SURFACE, COAL FINE'S. |
| 7/16/2004 | | | | | | PUMPING SWEEP WITH RIG PUMP EVERY 2 HOURS, 2 GALLONS FOAMER WITH 4BBLS WATER. |
| | 07:00 - 07:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 07:30 - 13:00 | 5.50 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3580' TO 3606' WITH 1500 CFM AIR, 10 TO 12 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 2 GAL 450 FOAMER, 2 GAL SS-1200 POLYMER PER 10 BARRELS OF WATER. |
| | | | | | | |

CONOCOPHILLIPS CO
Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 245A
Common Well Name: SAN JUAN 32-8 UNIT 245A
Event Name: COMPLETION
Contractor Name: KEY ENERGY SVCS
Rig Name: KEY ENERGY

Start: 6/7/2004
Rig Release: 7/18/2004
Rig Number: 27
Spud Date: 6/2/2004
End: 7/18/2004
Group:

| Date | From - To | Hours | Code | Sub Code | Phase | Description of Operations |
|-----------|---------------|-------|--------|----------|--------|---|
| 7/16/2004 | 07:30 - 13:00 | 5.50 | STIMOP | FCO | COMPZN | WELL WILL NOT CIRCULATE WITH LOWER VOLUMES OF MIST. WELL IS MAKING 2 BPH OF COAL. RETURN'S TO SURFACE,HEAVY COAL AND FINE'S. PUMPING SWEEP WITH RIG PUMP EVERY 2 HOURS, 2 GALLONS FOAMER WITH 10BBLs WATER. |
| | 13:00 - 13:30 | 0.50 | STIMOP | PULD | COMPZN | SHORT TRIP 4 JOINTS OF DRILL PIPE WITH POWER SWIVEL, TIH, TAG @ 3564' |
| | 13:30 - 19:00 | 5.50 | STIMOP | FCO | COMPZN | R&R CLEAN OUT 3564' TO 3606' WITH 1500 CFM AIR, 10 TO 12 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 2 GAL 450 FOAMER, 2 GAL SS-1200 POLYMER PER 10 BARRELS OF WATER. WELL WILL NOT CIRCULATE WITH LOWER VOLUMES OF MIST. WELL IS MAKING 2 BPH OF COAL. RETURN'S TO SURFACE,HEAVY COAL AND FINE'S. PUMPING SWEEP WITH RIG PUMP EVERY 2 HOURS, 2 GALLONS FOAMER WITH 5 BBLs WATER. |
| | 19:00 - 19:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 19:30 - 01:30 | 6.00 | STIMOP | FCO | COMPZN | CONDITION HOLE TO RUN LINER. R&R CLEAN OUT 3580' TO 3606' WITH 1500 CFM AIR, 10 TO 12 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 2 GAL 450 FOAMER, 2 GAL SS-1200 POLYMER PER 10 BARRELS OF WATER. WELL WILL NOT CIRCULATE WITH LOWER VOLUMES OF MIST. WELL IS MAKING 1/4 BPH OF COAL. RETURN'S TO SURFACE, COAL FINE'S. |
| | 01:30 - 02:00 | 0.50 | FLOWT | PRDT | COMPZN | TURN OFF MIST PUMP AND DRY HOLE UP. |
| | 02:00 - 02:45 | 0.75 | FLOWT | PULD | COMPZN | PULL UP INTO CASING LAYING DOWN 12 JOINTS OF DRILL PIPE WITH POWER SWIVEL. |
| | 02:45 - 04:00 | 1.25 | FLOWT | PRDT | COMPZN | 2" OPEN FLOW TEST INITIAL PRESSURE 5 # ON GAUGE 1.25 # 687 MCFD 15 MINUTES - 16 # ON GAUGE 4.00 # 1236 MCFD 30 MINUTES - 16 # ON GAUGE 4.00 # 1236 MCFD 45 MINUTES - 38 # ON GAUGE 9.50 # 1917 MCFD 60 MINUTES - 38 # ON GAUGE 9.50 # 1917 MCFD WELL MISTING AFTER FIRST READING. |
| | 04:00 - 06:00 | 2.00 | CASING | TRIP | COMPZN | TRIP OUT OF HOLE TO RUN 5 1/2 LINER. |
| | 06:00 - 07:00 | 1.00 | CASING | PULD | COMPZN | RIG UP TO RUN 5 1/2 LINER, CHANGE AND TEST 5 1/2 RAMS. |
| | 07:00 - 07:30 | 0.50 | CASING | SFTY | COMPZN | PJSM AND JSA TO RUN 5 1/2 LINER AND TRIP IN HOLE. |
| | 07:30 - 08:00 | 0.50 | CASING | PULD | COMPZN | FINISH RIGGING UP TO RUN 5 1/2 LINER. |
| 7/17/2004 | 08:00 - 12:00 | 4.00 | CASING | PUTB | COMPZN | GIH W/ 5-1/2" 15.5 PPF J-55 LT&C CASING / LINER AS FOLLOWS: 6-1/16" OD BLADED SHOE W/ FLOAT VALVE 1.00' 8- JTS 5-1/2" CASING 356.06' 6-1/8" TIW "H" ROTATING SET COLLAR 2.40' TOTAL LINER ASSEMBLY 359.46' GIH W/ TOTAL OF 92 JTS 2-7/8" DRILLPIPE T/3247"KB. RU POWER SWIVEL- GIH W/ 5-1/2" LINER ASSEMBLY F/3273' & TAG UP @ 3606"KB,PBTD. |

CONOCOPHILLIPS CO
Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 245A
Common Well Name: SAN JUAN 32-8 UNIT 245A
Event Name: COMPLETION
Contractor Name: KEY ENERGY SVCS
Rig Name: KEY ENERGY

Start: 6/7/2004
Rig Release: 7/18/2004
Rig Number: 27

Spud Date: 6/2/2004
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| Date | From - To | Hours | Code | Sub Code | Phase | Description of Operations |
|-----------|---------------|-------|--------|----------|--------|--|
| 7/17/2004 | 08:00 - 12:00 | 4.00 | CASING | PUTB | COMPZN | SET 5-1/2" LINER ASSEMBLY F/ 3247'-3606'KB EOL- W/ PBTB @ 3605'KB- RELEASE OFF OF LINER ASSEMBLY TOL @ 3247'KB. |
| | 12:00 - 12:30 | 0.50 | CASING | PULD | COMPZN | RIG DOWN AND LOAD OUT POWER SWIVEL. |
| | 12:30 - 15:30 | 3.00 | CASING | PULD | COMPZN | LAY DOWN DRILL PIPE, TIH WITH DRILL COLLARS AND LAY DOWN SAME. |
| | 15:30 - 16:30 | 1.00 | FLOWT | PRDT | COMPZN | 2" OPEN FLOW TEST INITIAL PRESSURE 10 # ON GAUGE 2.50 # 970 MCFD 15 MINUTES - 20 # ON GAUGE 5.00 # 1374 MCFD 30 MINUTES - 30 # ON GAUGE 7.50 # 1702 MCFD 45 MINUTES - 34 # ON GAUGE 8.50 # 1808 MCFD 60 MINUTES - 35 # ON GAUGE 8.75 # 1848 MCFD WELL MISTING AFTER FIRST READING. |
| | 16:30 - 19:00 | 2.50 | STIMOP | OTHR | COMPZN | WAIT ON DRY WATCH MEN, SECURE WELL AND DRY WATCH RIG FOR THE NIGHT. |
| 7/18/2004 | 06:00 - 07:00 | 1.00 | STIMOP | OTHR | COMPZN | DRY WATCH RIG. |
| | 07:00 - 08:00 | 1.00 | PERFOP | SFTY | COMPZN | PJSM AND JSA WITH ALL PERSONEL ON LOCATION. |
| | 08:00 - 11:00 | 3.00 | STIMOP | PERF | COMPZN | RIG UP BLUE JET AND TEST LUBRICATOR TO 380PSI. PERFORATE AT FOLLOWING INTERVALS. 3453' - 3458' = 5' 20 SHOTS 3512' - 3526' = 14' 56 SHOTS 3493' - 3500' = 7' 28 SHOTS 3424' - 3432' = 8' 32 SHOTS 3389' - 3392' = 3' 12 SHOTS 3384' - 3388' = 4' 16 SHOTS 3434' - 3438' = 4' 16 SHOTS 3376' - 3380' = 4' 16 SHOTS 3341' - 3344' = 3' 12 SHOTS 3313' - 3318' = 5' 20 SHOTS 3306' - 3308' = 2' 8 SHOTS 3302' - 3305' = 3' 12 SHOTS 4 SHOTS PER FOOT, 248 TOTAL SHOTS. 5 WIRELINE RUNS. ONE MISS RUN. BLOW WELL DOWN AND FLOW TEST. |
| | 11:00 - 12:30 | 1.50 | FLOWT | PRDT | COMPZN | 2" OPEN FLOW TEST 30 MINUTES - 35 # ON GAUGE 8.75 # 1848 MCFD GIH W/ 30.10' X 2-7/8" 8RD EUE BOX ORANGE PEELED MUD ANCHOR W/ 8-(1/4" X 8") SLOTS, 2-7/8" X 2-3/8" EUE 8RD X-O COLLAR (0.46") , W/ 0.85" x 2-3/8" OD X 1.78" ID "F" NIPPLE CONTAINING BLANKING PLUG W/ 2-3/8" X 4' & 8' PUP JOINTS- W/ 113JTS 2-3/8" EUE 8RD 4.7 PPF J-55 TBG MEASURING (3531.29')- LAND TBG W/ 2-3/8" EUE 8RD X 7-1/16" TBG HGR CONTAINING A BPV EOT / MUD ANCHOR @ 3586'KB 1.78" FN @ 3556'KB. |
| | 12:30 - 14:30 | 2.00 | STIMOP | RCST | COMPZN | |
| | 14:30 - 17:00 | 2.50 | STIMOP | NUND | COMPZN | RIG DOWN FLOOR, NIPPLE DOWN AND LOAD OUT BOPS. |
| | 17:00 - 06:00 | 13.00 | STIMOP | OTHR | COMPZN | NIPPLE UP RADAGAN AND RIG UP TO RUN RODS. 2 MEN DRY WATCHING RIG. |
| | | | | | | |
| | | | | | | |
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Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 245A
 Common Well Name: SAN JUAN 32-8 UNIT 245A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY ENERGY

Start: 6/7/2004
 Rig Release: 7/18/2004
 Rig Number: 27

Spud Date: 6/2/2004
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| Date | From - To | Hours | Code | Sub Code | Phase | Description of Operations |
|-----------|---------------|-------|--------|----------|--------|---|
| 7/19/2004 | 06:00 - 07:00 | 1.00 | STIMOP | OTHR | COMPZN | 2 MEN DRY WATCHING RIG. |
| | 07:00 - 07:30 | 0.50 | STIMOP | SFTY | COMPZN | PJSM WITH ALL PERSONEL ON LOCATION. |
| | 07:30 - 09:30 | 2.00 | STIMOP | SLKL | COMPZN | PULL BLANKING PLUG FROM F-NIPPLE WITH SLICKLINE. |
| | 09:30 - 10:00 | 0.50 | STIMOP | OTHR | COMPZN | RIG UP FLOOR TO RUN RODS. |
| | 10:00 - 12:00 | 2.00 | STIMOP | ALFT | COMPZN | RU TO RUN RODS- FUNCTION TEST INSERT PUMP (OK)- GIH W/ 12" STRAINER ATTACHED BELOW 2" X 1 1/2" X 12' RWAC-Z INSERT PUMP SN: (CP138) W/ 4' PONY ROD AND 141 3/4" NORRIS, TYPE 78, API GRADE "D" RODS & SPACE OUT W/ 8', 6', 4', PONY RODS, RUN 1 1/4" X 22' POLISHED ROD. RIG UP ABOVE 2-3/8" COLLAR 1-1/4" ROD RATAGAN, 2-3/8" PUMPING TEE W/ 2" & 1" OUTLETS W/ BALL VALVES, STUFFING BOX. PUMP SEATED @ 3556"KB,FN. LOAD TBG W/ 12 BBLS CLEAN PRODUCED Kfc WATER- PT STANDING VALVE, TBG, STUFFING BOX T/ 500 PSIG (OK)- STROKE PUMP T/500 PSIG & CHECK TRAVELING VALVE (OK). HANG OFF PUMP. |
| | 12:00 - 17:00 | 5.00 | STIMOP | RURD | COMPZN | RIG DOWN, INSPECT BOPS. RIG RELEASED @ 1700 HRS TO THE SAN JUAN 32-8 #237A NO TRUCKS AVAILABLE TO MOVE RIG MONDAY 7/10/04. WE WILL GET ALL OUR INSPECTIONS DONE, BOPS, BLOOIE LINES, DRILL PIPE & DRILL COLLARS. WE WILL MOVE RIG TUESDAY 7/11/04. |
| | 17:00 - 06:00 | 13.00 | STIMOP | OTHR | COMPZN | 2 MEN DRY WATCHING RIG. |