

ConocoPhillips

END OF WELL SCHEMATIC

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Well Name: **SAN JUAN 32-7 UNIT # 215A**API #: **30-045-31402**Spud Date: **28-Mar-03**Spud Time: **2030 hrs**Date: **31-Mar-03**Date: **1-Apr-03**

7 1/16" 5M x 2 1/16" Tree Adapter/Cap

11" 3M x 7 1/16" 5M Tuding Head

9-5/8" 8 RD x 11" 3M Casings Head

Surface Casing Date set: **29-Mar-03**Size **9 5/8** inSet at **232** ft # Jnts: **5**Wt. **36** ppf Grade **J-55**Hole Size **12 1/4** inWash Out **100** %Est. T.O.C. **SURFACE** ftCsg Shoe **232** ftTD of surface **240** ftNotified BLM @ **2330** hrson **3/27/2003**Notified NMOCD @ **2334** hrson **3/28/2003****Intermediate Casing** Date set: **31-Mar-03**Size **7** in **75** jtsSet at **3085** ft **1** pupsWt. **20** ppf Grade **J-55**Hole Size **8 3/4** inWash Out **150** %Est. T.O.C. **SURFACE** ftCsg Shoe **3085** ftTD of intermediate **3092** ftNotified BLM @ **0538** hrs on **3/31/2003**Notified NMOCD @ **0540** hrs on **3/31/2003****Production Hole** Date TD'd: **18-May-03**Hole Size **6 1/4** inReamed to **9 1/2** in☒ New
☐ Used☒ New
☐ UsedTD **3,294** ft**Surface Cement**Date cmt'd: **29-Mar-03**Lead : **170sx 50/50/G/Poz w/9% D044, 1/4****pps D029, 0.1 gps D047 & 0.2% D046****Mixed @ 14.5ppg & 1.07 cuft/sx**Displacement vol. & fluid.: **14.8 FW**Bumped Plug at: **0948 HRS**Pressure Plug bumped: **618 PSI**Returns during job: **YES**CMT Returns to surface: **12 BBLS**Floats Held: **Yes No**W.O.C. for **11** hrs (plug bump to drlg cmt)**Intermediate Cement**Date cmt'd: **1-Apr-03**Lead : **385 sx G Cmt w/0.25 pps D029,****3% D079, 0.2% D046 & 0.05 gps D047****Mixed @ 11.7 ppg & 2.61 cuft/sx**Tail : **100 sx 50/50/G/POZ w/5 pps D024,****1/4 pps D029, 2% D020, 2% S001 & 0.1%****D046 Mixed @ 13.5 ppg & 1.27 cuft/sx**Displacement vol. & fluid.: **SEE BELOW**Bumped Plug at: **0312 HRS**Pressure Plug bumped: **2000 PSI**Returns during job: **YES**CMT Returns to surface: **40 BBLS.**Floats Held: **X Yes No****COMMENTS:**Surface: **NO FLOAT EQUIPMENT RAN. WELL SHUT-IN WITH 165 PSI.****1ST TIME FOR THIS TYPE OF CMT. HAD TO WOC 7.5 HRS BEFORE NU, INSTEAD OF THE USUAL 3 HRS.**Intermediate: **DISPLACEMENT: 20 BBLS. FRESH WATER & 103.2 BBLS. SLIGHTLY POLYMERIZED DRILL WATER (8.4+ PPG).****LEFT APPROXIMATELY 25' CEMENT ON TOP OF WIPER PLUG (PB: 3016').**

Production:

CENTRALIZERS:Surface: **222', 144', 101', 58'.**Total: **4**Intermediate: **CENTRALIZERS @ 3075', 3000', 2917', 2835', 2752', 2669' & 202'. TURBOLIZERS @ 2417', 2375' & 2334'.**Total: **10**