

ConocoPhillips

Well Name: **Blanco 203A**
 API #: **30-045-32244**
 Location: **2200' FSL & 750' FEL**
Sect 35 - T31N - R8W
San Juan County, NM
 Elevation: **6333' GL (above MSL)**
 Drl Rig RKB: **13' above Ground Level**
 Datum: **Drl Rig RKB = 13' above GL**

Surface Casing Date set: **10-May-04**

Size **9 5/8** in
 Set at **234** 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 **234** ft
 TD of 12-1/4" hole **245** ft

Notified BLM @ **19:26** hrs on **08-May-04**
 Notified NMOCD @ **19:24** hrs on **08-May-04**

Intermediate Casing Date set: **12-May-04**

Size **7** in **69** jts
 Set at **2997** ft **2** pups
 Wt. **20** ppf Grade **J-55**
 Hole Size **8 3/4** in Conn **STC**
 Excess Cmt **160** % Top of Float Collar **2951** ft
 T.O.C. **SURFACE** Bottom of Casing Shoe **2997** ft
 Pup @ **2235** ft TD of 8-3/4" Hole **3000** ft
 Pup @ **2245** ft

Notified BLM @ **12:53** hrs on **11-May-04**
 Notified NMOCD @ **12:56** hrs on **11-May-04**

Production Liner Date set: **20-May-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 3010' to 3320'
 Top of Liner **2966** ft
 PBDT **3319** ft
 Bottom of Liner **3320** ft

This well was NOT cavitated.

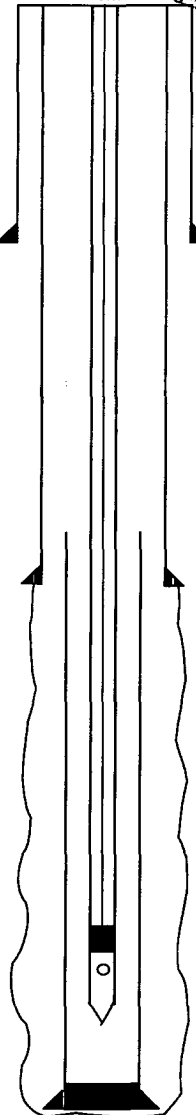
END OF WELL SCHEMATIC

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

☒ New
☐ Used

☒ New
☐ Used

☒ New
☐ Used



TD **3,320** ft

Surface Cement

Date cmt'd: **10-May-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: **15.3** bbls fresh wtr
 Bumped Plug at: **05:15** hrs w/ **200** psi
 Final Circ Press: **60** psi @ **0.6** bpm
 Returns during job: **YES**
 CMT Returns to surface: **15** bbls
 Floats Held: **No floats used**
 W.O.C. for **5.50** hrs (plug bump to start NU BOP)
 W.O.C. for **9.75** hrs (plug bump to test csg)

Intermediate Cement

Date cmt'd: **12-May-04**
 Lead : **390** sx Class G Cement
 + **3%** D079 Extender
 + **0.25 lb/sx** D029 Cellophane Flakes
 + **0.2%** D046 Antifoam
 + **0.05 gal/sx** D047 Antifoam
2.61cuft/sx, **1017.9** 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
 + **0.1%** D046 Antifoam
1.27 cuft/sx, **127** cuft slurry at **13.5** ppg
 Displacement: **119.5** bbls
 Bumped Plug at: **12:20** hrs w/ **1500** psi
 Final Circ Press: **650** psi at **1** bpm
 Returns during job: **YES**
 CMT Returns to surface: **40** bbls
 Floats Held: ☒ Yes ☐ No

UNCEMENTED LINER

Schematic prepared by:
 Steven O. Moore, Drilling Engineer
 27-May-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. CENTRALIZERS @ 224', 146', 102' & 59'. Total: 4
7" Intermediate	DISPLACED W/20 BBLs. FRESH WATER & 99.5 BBLs. 8.4 PPG SLIGHTLY POLYMERIZED DRILL WATER CENTRALIZERS @ 2987', 2908', 2821', 2735', 2648', 2562', 213', 83' & 40' TURBOLIZERS @ 2245', 2192', 2149' & 2105' Total: 9 Total: 4
5.5" Liner	Ran bladed shoe with float valve on bottom of liner. Ran and set the 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: 3014'-3018', 3028'-3030', 3044'-3050', 3052'-3056', 3064'-3068', 3070'-3077', 3080'-3082', 3132'-3143', 3148'-3151', 3192'-3198', 3200'-3206', 3208'-3220', 3233'-3236'. Total 280 holes
Tubing	2-7/8" Orange Peeled Mud Anchor 31.2' long with eight each 0.25" x 8" slots just below the upset, 2-7/8" x 2-3/8" EUE 8rd XO collar, 2-3/8" OD (1.78" ID) F-Nipple, 1 ea pup jt, and 100 jts 2-3/8" 4.7# J-55 EUE 8rd tubing Bottom of Mud Anchor at 3300'. Top of F-Nipple at 3268' MD RKB.
Pump & Rods	12" long strainer attached below 2" x 1-1/2" x 12' RWAC-Z insert pump, 1 ea 4" x 3/4" pony rod on top of pump, 130 each 3/4" rods, spaced out with 2 ea 6' and 1 ea 2' x 3/4" OD pony rods & 1 ea 1-1/4" OD x 22' polished rod Set pump in F-Nipple at 3268' MD RKB