

**Bayou Corne Checklist**

Name of DNR Rep: Danielle Duhe

Today's Date: 1/3/2013

Napoleonville Field (7010) -- Assumption Parish, Louisiana

Morning Readings

Afternoon/Evening Readings

**OXY GEISMAR WELL NO. 3-A (SN 974265) (enter gate - take board road to camper):**

*Shut-In Tbg & Csg Pressures ( before flowing well):*

Tbg Pressure: \_\_\_\_\_ psig

Csg Pressure: 632 psig

Tbg Pressure: \_\_\_\_\_ psig

Csg Pressure: 631 psig

*Shut-In Tbg & Csg Pressures ( after flowing well):*

Tbg Pressure: \_\_\_\_\_ psig

Csg Pressure: \_\_\_\_\_ psig

Start Time: \_\_\_\_\_ AM

End Time: \_\_\_\_\_ AM

Brine-In: \_\_\_\_\_ bbls

Oil-Out: \_\_\_\_\_ bbls

Morning Gas Vol.: \_\_\_\_\_ mcf

Gas Flow Rate: \_\_\_\_\_ mcf/day

Tbg Pressure: \_\_\_\_\_ psig

Csg Pressure: \_\_\_\_\_ psig

Start Time: \_\_\_\_\_ PM

End Time: \_\_\_\_\_ PM

Brine-In: \_\_\_\_\_ bbls

Oil-Out: \_\_\_\_\_ bbls

Afternoon Gas Vol.: \_\_\_\_\_ mcf

Gas Flow Rate: \_\_\_\_\_ mcf/day

*Cumulative Totals:*

Brine-In: 3282.36 bbls

Oil-Out: 4153.21 bbls

Gas-Out: 643.42 mcf

Remarks:

Morning Readings	Afternoon/Evening Readings
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**TX BRINE VENT WELL #1 (go thru gate - turn right after trailers - well is on the left):**

Tbg Pressure (psia): <u>15.37</u> psia subtract 14.7 psi: <u>0.67</u> psig Shut-In or Flowing? <u>flowing</u>	Tbg Pressure (psia): <u>15.45</u> psia subtract 14.7 psi: <u>0.75</u> psig Shut-In or Flowing? <u>flowing</u>
<i>If flowing:</i>	
Start Time: _____ AM End Time: _____ AM	Start Time: _____ PM End Time: _____ PM
Morning Gas Vol.: _____ mcf	Afternoon Gas Vol.: _____ mcf
Gas Flow Rate: <u>19.8</u> mcf/day	Gas Flow Rate: <u>21.1</u> mcf/day

*Cumulative Totals:*

Gas-Out: 2086.78 mcf

Remarks: \_\_\_\_\_

**TX BRINE VENT WELL #2 (near the TX BRINE VENT WELL #1):**

Tbg Pressure: _____ psig Shut-In or Flowing? <u>S/I</u>	Tbg Pressure: _____ psig Shut-In or Flowing? <u>S/I</u>
<i>If flowing:</i>	
Start Time: _____ AM End Time: _____ AM	Start Time: _____ PM End Time: _____ PM
Morning Gas Vol.: _____ mcf	Afternoon Gas Vol.: _____ mcf
Gas Flow Rate: _____ mcf/day	Gas Flow Rate: _____ mcf/day

*Cumulative Totals:*

Gas-Out: 24.51 mcf  
 Liquids Out: 381 gallons

Remarks: \_\_\_\_\_

**Oxy-Geismar Water Well #3 (grey pump station on right just before the sinkhole):**

Flowing or Locked-Out?                      Locked-out                     

**Sinkhole (go thru gate -- pass the trailers -- turn right -- go to end of parking area):**

Cumulative Vegetation Hauled-Off:           184           loads of 25-yd roll-off boxes  
 Cumulative Oil Hauled-Off:           3495           bbls

Remarks: No vegetation being hauled off. Beginning skimming activities.

Morning Readings	Afternoon/Evening Readings
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**TBC #1 (between Water Well #3 and the sinkhole):**

Tbg Pressure:           50           psig  
 Csg Pressure:           37           psig  
 Shut-In or Flowing?   S/I          

Tbg Pressure:           50           psig  
 Csg Pressure:           36           psig  
 Shut-In or Flowing?   S/I          

Remarks:

**TBC #2 (Southwest corner of pad near sinkhole):**

Tbg Pressure:           56           psia  
           *subtract 14.7 psi:*           41.3           psig  
 Csg Pressure:           34           psig  
 Shut-In or Flowing?   S/I            
 Morning Gas Vol.:                      mcf  
 Gas Flow Rate:                      mcf/day  
 Liquid Vol.:                      gallons

Tbg Pressure:           56           psia  
           *subtract 14.7 psi:*           41.3           psig  
 Csg Pressure:           34.5           psig  
 Shut-In or Flowing?                       
 Gas Flow Rate:                      mcf/day

*Cumulative Totals:*

Gas Out:                     172.07                     mcf  
 Liquid Out:                     16917.6                     gallons

Remarks:

Producing too much water; Will be reverting it back to monitoring well.

**TBC #3 (Northwest corner of pad near guard shack):**

Tbg Pressure:           2           psig  
 Csg Pressure:           0           psig  
 Shut-In or Flowing?   S/I          

Tbg Pressure:           3           psig  
 Csg Pressure:           0           psig  
 Shut-In or Flowing?   S/I          

Remarks:

Morning Readings

Afternoon/Evening Readings

**ORW #1 (Observation Relief Well #1) (across HWY 70 from TX BRINE facility):**

Tbg Pressure: 15 psig  
 Shut-In or Flowing? flowing

Tbg Pressure: 14 psig  
 Shut-In or Flowing? flowing

*If flowing:*

Start Time: \_\_\_\_\_ AM  
 End Time: \_\_\_\_\_ AM

Start Time: \_\_\_\_\_ PM  
 End Time: \_\_\_\_\_ PM

Morning Gas Vol.: 12.39 mcf

Afternoon Gas Vol.: \_\_\_\_\_ mcf

Gas Flow Rate: 12.39 mcf/day

Gas Flow Rate: 11.59 mcf/day

*Cumulative Totals:*

Gas-Out: 666.97 mcf

Remarks: 9/64 choke

9/64 choke

**ORW #2 (Observation Relief Well #2) (across HWY 70 from TX BRINE facility):**

Tbg Pressure: 43 psig  
 Shut-In or Flowing? flowing

Tbg Pressure: \_\_\_\_\_ psig  
 Shut-In or Flowing? \_\_\_\_\_

*If flowing:*

Start Time: \_\_\_\_\_ AM  
 End Time: \_\_\_\_\_ AM

Start Time: \_\_\_\_\_ PM  
 End Time: \_\_\_\_\_ PM

Morning Gas Vol.: 12.39 mcf

Afternoon Gas Vol.: \_\_\_\_\_ mcf

Gas Flow Rate: 14.66 mcf/day

Gas Flow Rate: \_\_\_\_\_ mcf/day

*Cumulative Totals:*

Gas-Out: 1256.19 mcf

Remarks: 6/64 choke

6/64 choke (see Narrative)

Morning Readings

Afternoon/Evening Readings

**ORW #3 (Observation Relief Well #3) (cross Bayou Corne -- take board road on left):**

Tbg Pressure: _____ 0 psig	Tbg Pressure: _____ 0 psig
Shut-In or Flowing? <u>S/I</u>	Shut-In or Flowing? <u>S/I</u>
<i>If flowing:</i>	
Start Time: _____ AM	Start Time: _____ PM
End Time: _____ AM	End Time: _____ PM
Morning Gas Vol.: _____ mcf	Afternoon Gas Vol.: _____ mcf
Gas Flow Rate: _____ mcf/day	Gas Flow Rate: _____ mcf/day

*Cumulative Totals:*

Gas-Out: \_\_\_\_\_ 0 \_\_\_\_\_ mcf

Remarks:

**ORW #4 (Observation Relief Well #4) (off HWY 70 b/w cabins & TX BRINE facility):**

Tbg Pressure: _____ 16 psig	Tbg Pressure: _____ 16 psig
Shut-In or Flowing? <u>S/I</u>	Shut-In or Flowing? <u>S/I</u>
<i>If flowing:</i>	
Start Time: _____ AM	Start Time: _____ PM
End Time: _____ AM	End Time: _____ PM
Water-Out: _____ bbls	
Morning Gas Vol.: _____ mcf	Afternoon Gas Vol.: _____ mcf
Gas Flow Rate: _____ mcf/day	Gas Flow Rate: _____ mcf/day

*Cumulative Totals:*

Gas-Out: \_\_\_\_\_ 24.51 \_\_\_\_\_ mcf  
 Water-Out: \_\_\_\_\_ 381 \_\_\_\_\_ bbls

Remarks:

Morning Readings

Afternoon/Evening Readings

**BC #2 (right-hand side of Sauce Piquante Ln just before road curves to the right):**

Tbg Pressure: \_\_\_\_\_ 48 psig  
 Csg Pressure: \_\_\_\_\_ psig

Tbg Pressure: \_\_\_\_\_ 50.5 psig  
 Csg Pressure: \_\_\_\_\_ psig

Remarks:

Narrative:

Sinkhole is calm; beginning skimming operations. Oxy 3-A SICP 632#. Tx Brine Vent Well #1 FTP .67#, gas vol. 19.8mcf. Tx Brine Vent Well #2 S/I. TBC #1 SITP 50#, SICP 37#. TBC #2 SITP 41.3#, SICP 34#. TBC #3 SITP 2#, SICP 0#. ORW #1 FTP 15# gas vol. 12.39mcf. ORW #2 FTP 43#, gas vol. 12.39mcf. ORW #3 SITP 0#. ORW #4 SITP 16#. BC #2 SITP 48#.

Sinkhole is calm; beginning skimming operations. Oxy 3-A SICP 631#. Tx Brine Vent Well #1 FTP .75#, gas vol. 21.1mcf. Tx Brine Vent Well #2 S/I. TBC #1 SITP 50#, SICP 36#. TBC #2 SITP 41.3#, SICP 34.5#. TBC #3 SITP 2#, SICP 0#. ORW #1 FTP 14# gas vol. 11.59mcf. ORW #2 FTP 43#, gas vol. 11.59mcf. (increased choke to 8/64 from 1500 -2100 hours – returned choke to 6/64 due to pressure drop; the short duration choke increase from 6/64 to 8/64 resulted in a steady FWHP drop of approximately 1 psi/hr from 49 to 42 psi and an immediate rate increase from 11.59 to 19.60 mcf/d that stabilized within a couple hrs at 19.1 mcf/d. The data indicates that ORW-02 perforations are open and not sanding up from wellbore fill. Return to 6/64 choke and FWHP slowly increasing from 42-43 psi and rate steady at 12.39 mcf/d.) ORW #3 SITP 0#. ORW #4 SITP 16#. BC #2 SITP 50.5#.