Frac Fluids/Breakdown Fluids:

- As per BJ Services specs/procedure

Drinkard Completion Procedure:

1. RU workover rig. Install 5,000 PSIG WP BOP stack and test to 4,500 PSIG according to SOP's. Add 1 to 2 joints of 2 7/8", L-80 tubing to tag PBTD estimated at 7,644". The current bottom of tubing is 7595' from last report. Spot a 9.5 ppg brine water pill from 7,644' back to 6,848'. Spot 500 gals of 15% HCL from the bottom Drinkard perforation at 6,848' back to 6,350'. **Note: The spot acid to be double inhibited.** TOOH with tubing.

2. RU electric line company. Install lubricator with packoff and RIH with 4" hollow carrier perforating guns loaded 2 JSPF with 19 gm charges in 120 degree phasing to perforate (**firing from the top down**) the following Drinkard intervals: **Correlation will be made using the CBL.**

   Safety Note: All 2-way radios and phones are to be turned off while perforating for a distance of 500'. Warning signs are to be posted on all incoming roads.

			NEP	Shots
Drinkard	**Standard 4" Hollow Carrier (2 SPF)**	6620' to 6627'	7'	15
		6632' to 6636'	4'	9
		6644' to 6652'	8'	17
		6660' to 6674'	14'	29
		6692' to 6706'	14'	29
		6762' to 6772'	10'	21
		6776' to 6779'	3'	7
		6806' to 6814'	8'	17
		6838' to 6848'	10'	21
		Total Drinkard	**78'**	**165**

   RD Baker Atlas.

3. Install a modified test tank to swab into following the Drinkard breakdown.

4. PU PPI tool with 25' spacing between elements and a mechanical collar locator (no spot control valve). TIH with 2 7/8" L-80 tubing and space out to straddle the bottom set of perforations at 6838' to 6848'.

5. RU BJ and perform acid breakdown using 5 bbls of 15% NEFE across each of the perforated intervals as indicated below:

Setting	Perf. Interval Bottom to Top	Top Pkr Setting	Bottom Pkr Setting
1	6838' to 6848'	6830'	6855'
2	6806' to 6814'	6795'	6820'
3	6762' to 6779'	6758'	6783'
4	6692' to 6706'	6688'	6713'
5	6660' to 6674'	6655'	6680'
6	6632' to 6652'	6630'	6655'
7	6620' to 6627'	6605'	6630'