

American Warrior
Microbial Enhanced Oil Recovery
Project Results

DATA COLLECTION AND ANALYSIS

Historical Data:

Daily Gauge reports and pumper notes were used to establish pre- and post-treatment production averages. Zero production days; typically noted as down or pumping in the gun barrel were excluded. Multiple well leases pumping into a common tank battery were assumed to be pumping all wells on those days counted as production days. The statistical analysis excluded production gauge inches one deviation above or below the mean so that days when one or more wells are not pumping are not counted as production days. Cold weather, mechanical problems, and workovers are external factors that can skew production data. These factors were considered in the data analysis.

Analysis Methodology:

A mean averages are calculated for given date ranges using gauge inches for all days in the range except for days showing zero gauge inches which are typically noted as down days or pumping in gun barrel. Variance and standard deviations are calculated excluding zero gauge inch days. Daily production inches are then reviewed and days showing more than two standard deviations above or below the mean average are excluded and not counted in the total 'production days' reported. The result establishes total gauge inches and number of production days for a given date range. Total gauge inches for each date range are then divided by the number of production days to arrive at average inches per day. This figure is then multiplied by the BBLS per inch for the given stock tanks to yield the average BOPD production.

PRELIMINARY RESULTS

J. S. Burchett	106320
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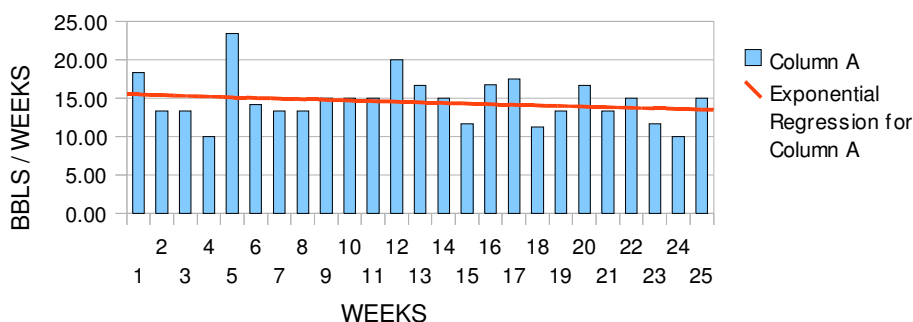
	Pre MEOR	Post MEOR
Production Days	236	43
Total BBLS	443.01	97.98
Avg BOPD	1.88	2.28

NOTE: Post-treatment raw production data from 1 December, 2009 through 30 April, 2010 contains numerous inconsistencies. Production data for these months will be included after verification. Charted post-production data runs through 30 November, 2009.

J.S. Burchett Production Trend

1 Apr 2009 to 16 Oct 2009

Zero Production Weeks Not Included

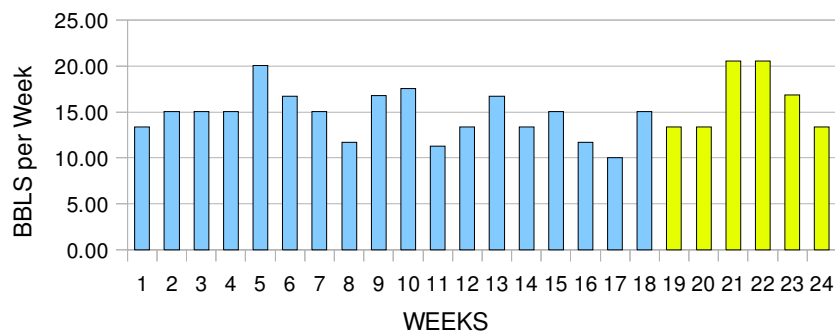


J. S. Burchett oil production trended downward slightly from 4/01/2009 up to the initial MEOR treatment on 10/16/2009 as indicated by the chart above. Production from 1/01/2009 through 10/16/2009 (235 production days) averaged = 1.89 BOPD, virtual identical to the 18 week (126 day) pre-treatment average of 1.90 BOPD

J.S. Burchett EOR Project

Weekly Production - Pre-treatment vs. Post-treatment

18 Week Pre = 1.90 BOPD - 6 Week Post = 2.28 BOPD



Post-treatment average oil production from 10/17/2009 to 11/30/2009 (43 production days) = 2.28 BOPD

This represents a 0.39 BOPD or 21% increase pre-treatment vs. post-treatment.

Comparing 6 weeks pre-treatment vs. 6 weeks post-treatment shows 1.78 BOPD vs. 2.28 BOPD, a 0.5 BOPD / 28% increase.

