

**CONSOLIDATED**  
Oil Well Services, LLC  
**TREATMENT REPORT**  
**FRAC AND ACID**

Customer	BPG
Customer Acct #	
Well No.	Burris #8
Mailing Address	
City and State	
Zip Code	
Dispatch Location	BARTLESVILLE

County	Montgomery County, Kansas	Stage	1
Section		Formation	Wayside
TWP		TVD Perfs	666-686'
RANGE		MD Perfs	
START			
END			

WELL DATA						TRUCK#	DRIVER	TRUCK#	DRIVER
TREATMENT TYPE:	TREATMENT THROUGH CASING				PLUG DEPTH (FT)	BLENDER		Sand Truck	
TVD OF PERFS	666' - 686'	MD OF PERFS	666' - 686'	PACKER DEPTH (FT)		509	Dusty Brant	498	Kyle Abbott
CASING SIZE (OD)	CASING WEIGHT	TMD TO TOP PERF(FT)	ID (INCHES)	DISPL COEF (BBL/FT)	VOLUME (BBLs)				
4 1/2	J-55 (10.5 LBS)	666	4.052	0.0159	10.6				
0	0	0	0	0.0000	0.0				
OVER FLUSH	0	DISPLACEMENT TO TOP PERF (BBLs)			10.6				

PERF DATA		CHEMICALS				TRUCK#	DRIVER	TRUCK#	DRIVER
TOTAL HOLES SHOT		BIOSTAT 650				3			
HOLE ID (IN)		KCL SUBSTITUTE (KCL-8001)				10			
PHASING		15% HCL ACID				300			
SPF		ACID INHIBITOR (AI-260)				1			
		IRON CONTROL (SP-950)				1	412-T97		Dale Wilson
		STIMFLO (FBA)				1	413-T125		Aaron
EFFECTIVE HOLES		CLAY STAY (CS-250)(CS-702)				1			Nunnley TP

FET ANALYSIS (Optional)							
FLUID WEIGHT	8.34	MAX RATE:		MAX PRESSURE		ISDP	
HYDROSTATIC HEIGHT	666	RATE 1		PRESSURE 1		5 MIN SIP	
FLUID SG	1.01	RATE 2		PRESSURE 2		10 MIN SIP	
HYDROSTATIC PRESS	288.83	RATE 3		PRESSURE 3		15 MN SIP	
							FRAC GRAD
							FLUID EFF (%)
							CALC PERM

PRESSURE DATA							
MAX PRESSURE	INITIAL PRESSURE	BREAKDOWN PRESSURE	ISIP	5 MIN	10 MIN	15 MIN	30 MIN
86		735	528				

SUMMARY				PROP TYPE		TOTAL PUMPED
TOTAL FLUID PUMPED	251 BBLs	MAX TREATING PRESSURE	2300 PSI	16/30 BROWN SAND		8064 LBS
PROPPANT PUMPED	8064 LBS	MIN TREATING PRESSURE	597 PSI			
MAX RATE	24.2 BBL/MIN	AVE TREATING PRESSURE	833			
MIN RATE	23.9 BBL/MIN					
AVERAGE RATE	23.99641434					
FOAM QUALITY		FLUID WEIGHT	8.34	ACID		0 GAL
AMOUNT OF FOAM PUMPED		HYDROSTATIC HEIGHT	666	TOTAL FLUID		251 BBLs
TYPE OF FOAM		HYDROSTATIC PRESS	288.83			
		FRAC GRADIENT	1.23			

STAGE	CLEAN BBLs	DESIGN	FLUID TYPE	PRESSURE	RATE	PROP AMOUNT	DESIGN	CONC	TYPE
1	96	95	25# Gel Water	597-641	24	0.00		0.00	
2	50	48	25# Gel Water	640-665	23.9	1050.00	5 BALLS	0.50	16/30 BROWN SAND
3	38	36	25# Gel Water	666-783	24.1	1596.00	10 BALLS	1.00	16/30 BROWN SAND
4	27	24	25# Gel Water	803-1489	23.9	2268.00	5 BALLS	2.00	16/30 BROWN SAND
5	25	24	25# Gel Water	803-2300	24	3150.00	5 BALLS	3.00	16/30 BROWN SAND
6	15	11	25# Gel Water	1382-1264	24.2	0.00		0.00	
7						0.00		0.00	
8						0.00		0.00	
9		Spotted 300Gal				0.00		0.00	
10						0.00		0.00	
11						0.00		0.00	
12						0.00		0.00	
13						0.00		0.00	
14						0.00		0.00	
15						0.00		0.00	
16						0.00		0.00	
17						0.00		0.00	
18						0.00		0.00	
19						0.00		0.00	
20						0.00		0.00	
21						0.00		0.00	
22						0.00		0.00	
23						0.00		0.00	
24						0.00		0.00	
25						0.00		0.00	

TERMS AND CONDITIONS ARE PRINTED ON REVERSE SIDE