BASIC ENERGY SERVICES

TREATMENT REPORT - PAGE 1

Date: 17-Dec-15

Well Name:	Location:	Customer Rep:	Field Order #
NGL APOLLO 11	SEC 18 - T6N - R63W	TOM MAJORS	18996A

Stage:	Formation:	Treat Via:	Allowable Pressure Tbg	Allowable Pressure Csg	Well Type:
		CASING		4,500	INJECTION

County:	State:	Well Age:	PackerType:	PackerDepth:	Csg Size:
WELD	CO	NEW			7

Type Of Service: ACID

Customer Name: NGL WATER SOLUTIONS

Address:

Remarks: SAFETY MEETING/PRESSURE TEST @ 5000
OPEN @ 0
ISIP @ 400
5MIN @ VAC

Csg Depth:	Tbg Size:	Tbg Depth:	Liner Size:
8,317			4.5

Liner Depth:	Liner Top:	Liner Bot:	Total Depth:
	8,317	9,889	

Open Hole:	Csg Vol:	BHT:

Perf Depths:		Perfs:	TotalPerfs:
		0	0
		0	
		0	
		0	
		0	
		0	
		0	

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	FOAM/FLD (gls)	FLUID (bbls)
	FLUID	N2/CO2	STP	ANNULUS				
7:42			81		SAFETY MEETING	0	0	0.0
7:52			184		OPEN WELL	0	0	0.0
7:53			15		LOAD HOLE	0	2,436	58.0
7:55	13.7		34		CLOSE WELL	0	0	0.0
7:56	0.0		62		PRESSURE TEST @ 5000	0	0	0.0
8:01			203		OPEN WELL @ 0	0	0	0.0
8:01	4.6		16		LOAD HOLE	0	1,596	38.0
8:04	7.2		43		START PUMPING	0	1,638	39.0
8:06	18.0		664		START ACID	0	5,000	119.0
8:15	12.4		448		START FLUSH	0	14,448	344.0
8:25	5.5		392		ISIP @ 400	0	0	0.0
8:30	0.0		6		5MIN @ 0	0	0	0.0
					Total:	0	25,118	598.0

Summary

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
18.0	17.1	5,326	535

Customer Acknowledgement: _____

Service Rating:
- ☐ Satisfactory
- ☐ Unsatisfactory

Treater: JEREMIE TETER

PRODUCTS USED

HCL 15%
BIO-1, IC-2, IC-1, AII,S-3, 1C-100 AI-10
FLUID PROVIDED BY CUSTOMER