



MAVERICK
STIMULATION COMPANY, LLC

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TREATMENT REPORT - PAGE 1

Date: 13-Jan-12

Well Name: P BROPHY 12-05	Location: SEC 12 - T3N - R46W	Customer Rep: JAMES	Field Order # 14520
Stage: 	Formation: NIOBRARA (SH)	Treat Via: CASING	Allowable Pressure Tbg Csg 2,500 Well Type: GAS
County: YUMA	State: CO	Well Age: NEW	PackerType:
		PackerDepth: 	Csg Size: 4.5
Type Of Service: N2 FOAM FRAC	Csg Depth	Tbg Size:	Tbg Depth:
Customer Name: ROSEWOOD RESOURCES	Liner Depth:	Liner Top:	Liner Bot:
Address: 	Total Depth:		
	Open Hole:	Csg Vol:	BHT:
		44.3	110
	Perf Depths:	Perfs:	TotalPerfs:
	2588	2614	56
			0
			0
			0
			0
			0
			0
			0

Remarks: SAFETY MEETING
100,060# 16/30 DANIELS
470,000 N2
BREAKDOWN = 1162 PSI/ISIP = 1610 PSI
5 MIN = 1514 PSI
10 MIN = 1491 PSI
15 MIN = 1482 PSI

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	FOAM/FLD (gls)	FLUID (bbls)
	FLUID	N2/CO2	STP	ANNULUS				
11:13	0.0		290		SAFETY MEETING	0	0	0.0
11:13	0.0		86		PRIME UP PRESS TEST TO 2600 PSI	0	0	0.0
11:13	0.0		82		ST ACID	0	500	12.0
11:16	5.7		102		ST PAD	0	13,500	96.0
11:18	4.5		1148		BREAKDOWN @ 1162 PSI	0	0	0.0
11:35	4.9		1361		ST 1# 16/30 DANIELS	4,000	4,000	29.0
11:39	5.5		1368		ST 2# 16/30 DANIELS	12,000	6,000	43.0
11:47	6.6		1364		ST 3# 16/30 DANIELS	35,500	11,833	85.0
12:06	7.6		1480		ST 4# 16/30 DANIELS	36,000	9,000	64.0
12:19	7.7		1617		ST 5# 16/30 DANIELS	12,560	2,512	18.0
12:24	8.8		1637		ST FLUSH	0	1,728	21.0
12:26	3.9		1594		CUT FLUID - ISIP = 1610 PSI	0	0	0.0
12:31	0.0		1515		5 MIN = 1514 PSI	0	0	0.0
12:36	0.0		1492		10 MIN = 1491 PSI	0	0	0.0
12:41	0.0		1483		15 MIN = 1482 PSI	0	0	0.0
Total:						100,060	49,073	368.0

Summary

Max FI. Rate	Avg FI. Rate	Max Psi	Avg Psi
8.8	6.1	1,746	1,396

Customer Acknowledgement:

Service Rating:

- ☐ Satisfactory
☐ Unsatisfactory

Treater:

CLEAT YOUNG

PRODUCTS USED

CL-57, MAV-100, BREAKER-503L, GB-3, WF-3, MAVCIDE II, MAVCELL F, MAVHIB-3, HCL, N2

CUSTOMER OR HIS AGENT SIGNATURE