

STIMULATION TREATMENT REPORT



Date 20-JUL-12 District Brighton F.Receipt 1001924220 Customer NOBLE ENERGY INC - XML
 Lease MONTERA I #11-11 Well Name MONTERA I #11-11
 Field BRACEWELL Location 11-6N-66W
 County Weld State Colorado Stage No 1 Well API - API 05123259730000

WELL DATA		Well Type:	Well Class:	Depth TD/PB:	Formation:						
Geometry Type	Tubular Type	OD	Weight	ID	Grade	Top	Bottom	Perf Intervals			
TUBULAR	CSG	4.5	11.6	4	M-80	0	7430	Top	Bottom	SPF	Diameter
								7010	7022	2	.73
								7116	7128	2	.73

Packer Type _____ Packer Depth _____ FT

TREATMENT DATA				LIQUID PUMPED AND CAPACITIES IN BBLs.	
Fluid Type	Fluid Desc	Pumped Volume(Gals)	Prop. Description	Volume Pumped(Lbs)	
TREATMENT FLUID	VISTAR 18	84,714	Sand, White, 30/50	200,260	Tubing Cap. _____ 0
PAD	Slickwater	47,544			Casing Cap. _____ 109
PAD	Vistar 18 (Pad)	8,190	Total Prop Qty: _____	200,260	Annular Cap. _____ 0
Previous Treatment <u>N/A</u> Previous Production <u>N/A</u>					Open Hole Cap. _____ 0
Hole Loaded With _____ Treat Via: Tubing <input type="checkbox"/> Casing <input checked="" type="checkbox"/> Anul. <input type="checkbox"/> Tubing & Anul. <input type="checkbox"/>					Fluid to Load _____ 0
Ball Sealers: <u>0</u> In <u>0</u> Stages Type <u>1 or 1/4 in. 1.0 spg</u>					Pad Volume _____ 1218
Auxiliary Materials <u>SEE REC</u>					Treating Fluid _____ 2017
					Flush _____ 109
					Overflush _____ 0
					Fluid to Recover _____ 3344

PROCEDURE SUMMARY						
Time AM/PM	Treating Pressure-Psi		Surface Slurry BBLs. Pumped		Slurry Rate BPM	Comments
	STP	Annulus	Stage	Total		
04:18	4960	0	0	0	0	PRESSURE TEST POP OFF
04:26	4078	0	1023	0	16	SLICK PAD OPEN WELL HEAD
05:05	4632	0	195	1023	38.5	XL PAD
05:12	4711	0	378	1218	34.8	1PSA 30/50 XL
05:20	4618	0	798	1596	34.8	2PSA 30/50 XL
05:44	4477	0	945	2394	35	3PSA 30/50 XL
06:10	4280	0	102	3339	35	4PSA 30/50 XL
06:15	4290	0	108	3441	35	FLUSH S/W
06:18	3833	0		3549	0	SHUTDOWN 5 MIN 3636 FUEL 626

Treating Pressure		Injection Rates		Shut In Pressures		Customer Rep.	
Minimum	3772	Treating Fluid	33.5	ISDP	3833	BJ Rep.	PHILIP SMITH
Maximum	4824	Flush	35	5 Min.	3636	Job Number	1001924220
Average	4440	Average	33.5	10 Min.	0	Rec. ID No.	
Operators Max. Pressure 5000				15 Min.	0	Distribution	
				Final	3636	In	5
				Flush Dens.	lb./gal.	8.34	