well completion	State of New Mexico Energy, Minerals and Natura Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505				Well Name:     PARKWAY 35 FEDERAL COM #004H     Well Number:     004H			
HYDRAULIC FRACTURING FLUID DISCLOSURE					Surface Hole Location:     Unit:M Lot:M Section:35 Township:198 Range:298			
⊠ Original					Feet from: 450 N/S Line: S Feet from: 330 E/W Line: W			
					5. Bottom Hole Location: Unit:P Lot: Section:35 Township:19S Range:29I			
					Feet from: 609 N/S Line: S			
				ł	Feet from:34 6. latitude:	10	E/W Line	:E ongitude:
					7. County:	2.6110989		- 104.053132326
					Ed	ldy		
Operator Name and Address:     SM ENERGY COMPANY     3300 N. A Street, Bldg. #7     Suite 200     Midland 79705					9. OGRID: 10. Phone Number: 432-688-1789			
11. Last Fracture Date: 4/11/2013 Frac Performed by: WEATHERFORD					12. Production Type: O			
13. Pool Code(s):					14. Gross Fractured Interval: 8,541 ft to 12,460 ft			
49622 15. True Vertical Depth (TVD):					16. Total Volume of Fluid Pumped:			
8,254 ft 17. <b>HYDRAULIC F</b>		OSITION AND	CONCENTRATION:		39	9,871 bbls		630
Trade Name	Supplier	Purpose	Ingredients		S#) Chemical tract Service			Maximum Ingredient Concentration in HF Fluid (% by
Water	SM Energy		Carrier / Base Fluid -			mass)	100%	mass) 88.0285911
Ottawa Sand	Company	Base Fluid Proppant	Water Crystalline Silica in the	1/10	308-60-7		100%	9.215207
20/40 (2.63 sg)		3.30.00	form of Quartz				257 54101	
Super LC 20/40 (2.51 sq)	WFT	Proppant	Crystalline Silica (Quartz) Formaldehyde		308-60-7 00-0		72.98%	1.4014869 0.000192
(2.01.03)			Hexamethylenetetramine	_			1%	0.0192037
			Hydrated Aluminum Silicate	133	32-58-7		5%	0.0960186
			Iron Oxide (fume)	130	09-37-1		15%	0.2880557
			Phenol Phenol-Formaldehyde Resin	_	3-95-2 )3-35-4		0.01% 6%	0.000192 0.1152223
WBK-133 WBK-134	WFT	Breaker Breaker	Ammonium Persulfate Ammonium Persulfate	_	27-54-0 27-54-0		100% 75%	0.0013883
Superset W	Santrol	Activator	Methanol	_	56-1		50%	0.0032184
			Poly(oxytethylene) nonylphenol ether	901	16-45-9		50%	0.0070319
Bio-Clear®	WFT	Bactericide	2,2-dibromo-3-	102	222-01-2		5%	0.0008478
5000			nitriloproppionamide Polyethylene Glycol	253	322-68-3		50%	0.008478
WCS-631LC	WFT	Clay Control	No ingredients as hazardous according to OSHA 29 CFR				0%	0
WXL-100L	WFT	Crosslink	1910.1200 Ethylene Glycol	107	7-21-1		40%	0.0343908
WGA-15L	WFT	Control Gelling Agents	Petroleum Distillates	647	742-47-8	60%		0.2346712
WPB-584L	WFT	ph	Potassium Carbonate	584	1-08-7		40%	0.0628166
		Adjusting Agents	Potassium Hydroxide	131	10-58-3		20%	0.0314083
WNE-363L	WFT	Surfactant	2-Ethylhexanol DB-964	_	4-76-7		7% 30%	0.005331
			Dodecylbenzenesulfonic acid, monoethanolamine salt	268	03-11-6 336-07-7		15%	0.0228472 0.0114236
			Poly(oxy-1,2-ethanediyl), a-isotridecyl-w-hydroxy- 2-Butoxyethanol		13-30-5		5% 0%	0.0038079
			Alcohol Ethoxylate	_	1-76-2 ture		0%	0.0039112
			Alcohols, C12-16, Ethoxylated Arlacel 83		551-12-2 07-43-0		0%	0.0039112
			Choline Chloride	_	48-1		0%	0.0621857
			Crystalline Silica in the form of Quartz Deionized Water	148	308-60-7 32-18-5		0%	0.0039112
			Detonized Water	_				
			Ethanolamine Borate	684	125-67-2		0%	0.0343908
			Ethanolamine Borate Guar gum Proprietary Ingredient	900	125-67-2 00-30-0 prietary		0% 0% 0%	0.0343908 0.1955594 0.0197255

NMOCD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.