

Submit within 45 days of well completion	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505	Revised November 6, 2013				
		1. WELL API NO: 30-025-41135				
		2. Well Name: RED HILLS WEST 22 BO FEDERAL COM #001H				
		3. Well Number: 001H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:B Lot:B Section:22 Township:26S Range:32E Feet from:150 N/S Line:N Feet from:2310 E/W Line:E				
		5. Bottom Hole Location: Unit:O Lot: Section:22 Township:26S Range:32E Feet from:337 N/S Line:S Feet from:2304 E/W Line:E				
		6. Iatititude: 32.0352178740373 longitude: -103.661687458288				
		7. County: Lea				
8. Operator Name and Address: MEWBOURNE OIL CO PO Box 5270 Hobbs 88241		9. OGRID: 14744	10. Phone Number: 575-393-5905			
11. Last Fracture Date: 8/16/2014 Frac Performed by: Baker Hughes		12. Production Type: O				
13. Pool Code(s): 97838		14. Gross Fractured Interval: 9,420 ft to 9,439 ft				
15. True Vertical Depth (TVD): 9,429 ft		16. Total Volume of Fluid Pumped: 5,059,530 gals				
17. Total Volume of Re-Use Water Pumped: N/A		18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed				
19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:						
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemical Abstract Service #	Maximum Ingredient Concentration in Additive (% by mass)	Maximum Ingredient Concentration in HF Fluid (% by mass)
Water	Operator	Carrier	Water	7732-18-5	100%	86.71705%
HCl, 5.1 - 7.5%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	7.5%	0.06285%
			Water	7732-18-5	92.5%	0.77514%
Activator, 330 gal tote	Baker Hughes	Activator	Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	70%	0.02419%
			Methanol	67-56-1	50%	0.01728%
Alpha 125	Baker Hughes	Biocide	Glutaraldehyde	111-30-8	30%	0.00668%
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.00516%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.0004%
			Methanol	67-56-1	60%	0.0008%
			Olefin	Trade Secret	5%	7E-05%
			Polyoxyalkylenes	Trade Secret	30%	0.0004%
			Propargyl Alcohol	107-19-7	10%	0.00013%
			Thiourea Polymer	68527-49-1	30%	0.0004%
FRW-18	Baker Hughes	Friction Reducer	Petroleum Distillates	64742-47-8	30%	0.02133%
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.00219%
			Ammonium Hydroxide	1336-21-6	5%	0.00011%
			Cupric Chloride	7447-39-4	5%	0.00011%
NE-23, 55 gallon drum	Baker Hughes	Non-emulsifier	Isopropanol	67-63-0	30%	0.00011%
Sand, White, 40/70	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	3.73502%
Sand, White, 100 mesh	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	7.63704%
Oil Plus	Baker Hughes	Proppant	Crystalline Silica: Quartz	14808-60-7	100%	0.83298%
ScaleSorb 3, (50# bag)	Baker Hughes	Scale Inhibitor	Amino Alkyl Phosphonic Acid	Trade Secret	30%	0.0016%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	5E-05%
			Diatomaceous Earth, Calcined	91053-39-3	100%	0.00534%
			Phosphonic Acid	13598-36-2	1%	5E-05%
Flo-Back 40, tote	Baker Hughes	Surfactant	Amphoteric Surfactant	Trade Secret	40%	0.02012%
Ingredients shown above are subject to 29 CFR 1910			Benzyl Chloride	100-44-7	0%	3.7E-06%
			Ethoxylated Alcohol	Trade Secret	0%	0.0014217%
			Ethoxylated Nonylphenol	9016-45-9	0%	1.84E-05%
			Formaldehyde	50-00-0	0%	7E-07%
			Glycol Ether	Trade Secret	0%	1.84E-05%
			Methanol	67-56-1	0%	5.57E-05%
			Olefin Sulfonate	Trade Secret	0%	0.0002204%
			Poly (acrylamide-co-acrylic acid)	Trade Secret	0%	0.0213261%
			Polyester	Trade Secret	0%	5.51E-05%
			Quaternary Amine Compounds	Trade Secret	0%	0.0001102%
			Salt	Trade Secret	0%	0.0035544%
			Sodium Chloride	7647-14-5	0%	0.0150942%
			Sorbitan Monooleate	Trade Secret	0%	0.0035544%
			Water	7732-18-5	0%	0.0879815%
	20. I, as Operator, hereby certify that the information shown on this disclosure form is true and complete to the best of my knowledge and belief.					
Signature: <u>Signed Electronically</u> Printed Name: <u>NM Young</u>		Title: <u>Manager</u>				
Date: <u>9/19/2014</u>						
E-mail Address: <u>rterrell@mewbourne.com</u>						

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.