

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 February 15, 2012				
		1. WELL API NO. 30-025-40411				
		2. Well Name: RED HILLS WEST 16 STATE #002H				
		3. Well Number: 002H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment	4. Surface Hole Location: Unit:C Lot:C Section:16 Township:26S Range:32E Feet from:180 N/S Line:N Feet from:1960 E/W Line:W					
	5. Bottom Hole Location: Unit:C Lot:C Section:16 Township:26S Range:32E Feet from:180 N/S Line:N Feet from:1960 E/W Line:W					
	6. Latitude: Longitude: 32.0498027662651 - 103.682240431179					
	7. County: Lea					
8. Operator Name and Address: CONOCOPHILLIPS COMPANY 3401 E. 30th Street Farmington 87402		9. OGRID: 217817	10. Phone Number: 505-326-9518			
11. Last Fracture Date: 4/30/2013 Frac Performed by: Baker Hughes		12. Production Type: O				
13. Pool Code(s): 97838		14. Gross Fractured Interval: 9,334 ft to 13,360 ft				
15. True Vertical Depth (TVD): 13,400 ft		16. Total Volume of Fluid Pumped: 3,416,734 gals				
17. 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	ConocoPhillips	Carrier	Water	7732-18-5	100%	89.00263%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.25371%
			Water	7732-18-5	85%	1.43767%
Alpha 125	Baker Hughes	Biocide	Water	7732-18-5	75%	0.02994%
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.00422%
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	60%	0.00291%
			Crystalline Silica Quartz	14808-60-7	30%	0.00145%
Clay Master-5C (Tote)	Baker hughes	Clay Control	Oxyakylated Amine Quat	138879-94-4	60%	0.00389%
ClayCare ClayTreat- 2C, 330 gl tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.01579%
			Water	7732-18-5	30%	0.00632%
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30%	0.03178%
			Sodium Hydroxide	1310-73-2	10%	0.01059%
			Sodium Tetraborate Decahydrate	1303-96-4	30%	0.03178%
MaxPerm-20A, 265 gallon tote	Baker Hughes	Friction Reducer	Aliphatic Hydrocarbon	Trade Secret	30%	0.00122%
			Oxyalkylated Hydrocarbon	Trade secret	5%	0.0002%
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.26957%
			Petroleum Distillate Blend (1)	64742-47-8	70%	0.3145%
			Petroleum Distillate Blend (3)	8042-47-5	70%	0.3145%
AG-12, 330 gl tote	Baker Hughes	Gelling Agent	Acrylic Polymers	26006-22-4	60%	0.00035%
			Distillates, Petroleum, Hydrotreated middle	64742-47-8	30%	0.00018%
Ferrotrol 280L , 330 gl tote	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.00642%
			Ammonium Hydroxide	1336-21-6	5%	0.00032%
			Cupric Chloride	7447-39-4	5%	0.00032%
NE-23, 330 gallon tote	Baker Hughes	Non-emulsifier	Isopropanol	67-63-0	30%	0.00089%
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.03885%
			Propylene Glycol	57-55-6	30%	0.02331%
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	6.0769%
Sand, White, 40/70	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	1.74137%
ScaleSorb 3, (50# bag)	Baker Hughes	Scale Inhibitor	Amino Alkyl Phosphonic Acid	Trade Secret	30%	0.00515%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.00017%
			Diatomaceous Earth, Calcined	91053-39-3	100%	0.01718%
			Phosphonic Acid	13598-36-2	1%	0.00017%
18. 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: Signed Electronically Printed Name: Ashley Martin		Staff Regulatory Title: Technician				
Date: 10/23/2013						
E-mail Address: Ashley.Martin@conocophillips.com						

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.