

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: 30-025-41707				
		2. Well Name: RED HILLS WEST 16 STATE W1 #011H				
		3. Well Number: 011H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:A Lot:A Section:16 Township:26S Range:32E Feet from:316 N/S Line:N Feet from:330 E/W Line:E				
		5. Bottom Hole Location: Unit:A Lot:A Section:16 Township:26S Range:32E Feet from:316 N/S Line:N Feet from:330 E/W Line:E				
		6. latitude: longitude: 32.0494461 -103.6723938				
		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: 8/14/2015 Frac Performed by: Sanjel		12. Production Type: O				
13. Pool Code(s): 98065		14. Gross Fractured Interval: 12,558 ft to 16,459 ft				
15. True Vertical Depth (TVD): 12,231 ft		16. Total Volume of Fluid Pumped: 5,837,454 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)
Base Fluid	Operator	Base Fluid	Water, other	7732-18-5	100%	86.27388%
Silica Sand	Sanjel	Proppant	Crystalline Silica, SiO2	14808-60-7	99.9%	12.48539%
15% HCl	Sanjel	Acid	Hydrogen Chloride Anhydrous	7647-01-0	40%	0.3224%
AQUCAR GA 50	Sanjel	Biocide	Glutaraldehyde	111-30-8	50%	0.01181%
Base-N10	Sanjel	High pH Buffer	Water	7732-18-5	50%	0.01181%
			Sodium Hydroxide	1310-73-2	50%	0.01498%
Breaker-2B	Sanjel	Break fluid	Sodium Chloride	7647-14-5	2%	0.0006%
			Ammonium persulfate	7727-54-0	100%	0.00147%
BX-8L	Sanjel	Crosslinker	Silica, crystalline - quartz	14808-60-7	10%	0.00015%
			Boric Acid, sodium salt	1333-73-9	30%	0.03196%
FRW-4	Sanjel	Friction Reducer	No hazardous ingredients	NA	100%	100%
LDP-F-2214	Sanjel	Non-emulsifier	Benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5	30%	0.01228%
			Hexylene glycol	107-41-5	40%	0.01637%
TPC-F-028	Sanjel	Scale Inhibitor	Diethylenetriamine	111-40-0	5%	0.00205%
			Organophosphonate	Proprietary	40%	0.01739%
WG-2BS	Sanjel	Gellant	Ethylene Glycol	107-21-1	30%	0.01305%
			Methanol	67-56-1	5%	5%
			Guar Gum	9000-30-0	100%	0.14841%
			2-Propenoic acid sodium salt polymer with 2-propenamide	25085-02-3	0%	0%
			Alcohols, C10-16-, ethoxylated	68002-97-1 1	0%	0%
			Glycolic acid	79-14-1	0%	0%
			Hydrotreated Light Distillate	64742-47-8	0%	0%
			Polymers	Proprietary	0%	0%
			Polyoxyethylene sorbitan monostearate	9005-67-8	0%	0%
Sorbitan, mono-(9Z) -9-octadecenoate	1338-43-8	0%	0%			
Water	7732-18-5	0%	0%			
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: Signed Electronically		Printed Name: Rhonda S Rogers		Staff Regulatory Title: Technician		
Date: 9/15/2015						
E-mail Address: rhonda.s.rogers@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.