

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. 30-015-41343		
		2. Well Name: PATTON 18 FEDERAL #008H		
		3. Well Number: 008H		
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:O Lot:O Section:18 Township:24S Range:31E Feet from:150 N/S Line:S Feet from:1700 E/W Line:E		
		5. Bottom Hole Location: Unit:B Lot: Section:18 Township:24S Range:31E Feet from:336 N/S Line:N Feet from:1714 E/W Line:E		
		6. Latitude: Longitude: 32.2104795027861 - 103.813865270614		
		7. County: Eddy		

8. Operator Name and Address: OXY USA INC PO Box 4294 Houston 77210		9. OGRID: 16696	10. Phone Number: 713-366-5485
11. Last Fracture Date: 11/26/2013 Frac Performed by: Baker Hughes		12. Production Type: O	
13. Pool Code(s): 13367		14. Gross Fractured Interval: 10,460 ft to 14,320 ft	
15. True Vertical Depth (TVD): 10,024 ft		16. Total Volume of Fluid Pumped: 1,176,840 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%	78.62774%
Atlas CRC-LT 20-40	Baker Hughes	Proppant	Crystalline Silica Quartz	14808-60-7	98%	5.5368%
BC-3	Baker Hughes	Breaker Catalyst	Phenolic Resin	37337-65-8	5%	0.28249%
			Contains non-hazardous ingredients which are listed in in the non-MSDS section of the report	NA	0%	0%
CI-14	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	10%	0.00014%
			Methanol	67-56-1	100%	0.00139%
			Olefin	Trade Secret	5%	7E-05%
			Polyoxyalkylenes	Trade Secret	30%	0.00042%
			Propargyl Alcohol	107-19-7	5%	7E-05%
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.03198%
			Water	7732-18-5	30%	0.01279%
Ferrotrol 300L	Baker Hughes	Iron Control	Citric Acid	77-92-9	60%	0.00485%
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.0024%
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.24543%
			Petroleum Distillate Blend (1)	64742-47-8	70%	0.28633%
			Petroleum Distillate Blend (3)	8042-47-5	70%	0.28633%
			Petroluem Distillate Blend (2)	64742-55-8	70%	0.28633%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.27888%
			Water	7732-18-5	85%	1.58033%
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	100%	0.00441%
InFlo 250G, 330 gl tote	Baker Hughes	Surfactant	Methanol	67-56-1	30%	0.0469%
			Mixture of Surfactants	Trade Secret	50%	0.07817%
			Water	7732-18-5	30%	0.0469%
NE-13	Baker Hughes	Non-emulsifier	Benzyl Chloride	100-44-7	0.3%	0%
			Isopropanol	67-63-0	40%	0.00059%
			Quaternary Ammonium Compounds	Trade Secret	30%	0.00044%
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	11.9566%
Superset-W, 330 gl tote	Baker Hughes	Activator	Methanol	67-56-1	50%	0.0169%
			Poly (Oxyethylene) Nonylphenol Ether	9016-45-9	50%	0.0169%
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30%	0.02542%
			Sodium Hydroxide	1310-73-2	10%	0.00847%
			Sodium Tetraborate Decahydrate	1303-96-4	30%	0.02542%

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: David Stewart	Title: Sr. Regulatory Advisor
Date:	1/20/2014		
E-mail Address:	david_stewart@oxy.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.