

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: 30-025-37413				
		2. Well Name: PALOMA 30 FEDERAL #002				
		3. Well Number: 002				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:J Lot:J Section:30 Township:23S Range:34E Feet from:2430 N/S Line:S Feet from:2420 E/W Line:E				
		5. Bottom Hole Location: Unit:J Lot:J Section:30 Township:23S Range:34E Feet from:2430 N/S Line:S Feet from:2420 E/W Line:E				
		6. Latitude: 32.275056049671 Longitude: -103.508441319816				
		7. County: Lea				
8. Operator Name and Address: CHEVRON U S A INC Attn: Sandy Stedman-Daniel P.O. Box 2100 Houston 77252		9. OGRID: 4323	10. Phone Number: 505-333-1941			
11. Last Fracture Date: 7/28/2009 Frac Performed by: Cudd		12. Production Type: O				
13. Pool Code(s): 97965		14. Gross Fractured Interval: 11,548 ft to 11,566 ft				
15. True Vertical Depth (TVD): 13,863 ft		16. Total Volume of Fluid Pumped: 198,912 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)
Fresh Water		Carrier/Base Fluid			0%	89.34786%
Ottawa Sand		Proppant	Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	100%	4.82732%
Super LC		Proppant	Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	97%	3.39503%
			Phenol/Formaldehyde Resin	009003-35-4	5%	0.175%
			Hexamethylenetetramine (Hexamine)	000100-97-0	1%	0.035%
Acid, 15% HCl	CUDD	Acid	Water	007732-18-5	85%	1.11415%
			Hydrochloric Acid	007647-01-0	15%	0.19662%
I-122	CUDD	Corrosion Inhibitor	Methyl Alcohol	000067-56-1	40%	0.0005%
			Propargyl Alcohol	000107-19-7	8%	0.0001%
FE-360	CUDD	Iron Control Agent	Thioglycol	000060-24-2	75%	0.00521%
			Cupric Chloride Dihydrate (Copper II Chloride Dihydrate)	010125-13-0	7%	0.00049%
SG-14G	CUDD	Gelling Agent	Petroleum Distillate Hydrotreated Light	064742-47-8	100%	0.61431%
XL-335	CUDD	Cross Linker	Glycerol	000056-81-5	100%	0.08059%
			Sodium Tetraborate Decahydrate	001301-96-4	100%	0.08059%
			Sodium Hydroxide	001310-73-2	40%	0.03224%
S-222	CUDD	Surfactant	Methyl Alcohol	000067-56-1	100%	0.07771%
CS-14	CUDD	Clay Stabilizer	Proprietary Non Hazardous Salt	N/A	75%	0.07104%
SUPERSET W	CUDD	Activator	Ethoxylated Nonyl Phenol (Nonyl Phenol Ethoxylate)	009016-45-9	50%	0.0148%
			Methanol (Methyl Alcohol)	000067-56-1	50%	0.0148%
GB-2	CUDD	Breaker	Ammonium Persulfate	007727-54-0	100%	0.01047%
B-115	CUDD	Anti-Bacterial Agent	Glutaraldehyde	000111-30-8	100%	0.0101%
			Methanol	000067-56-1	100%	0.0101%
NE-217	CUDD	Non-Emulsifier	Methyl Alcohol	000067-56-1	50%	0.00065%
GB-150	CUDD	Breaker	No Hazardous Components	NONE	0%	0%
CS-125C	CUDD	Clay Stabilizer	No Hazardous Components	NONE	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: Cindy Herrera-Murillo		Title: Permitting Specialist		
Date: 11/18/2013						
E-mail Address: eeof@chevron.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.