

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: 30-025-43089
		2. Well Name: SD WE 23 FEDERAL P7 #004H
		3. Well Number: 004H
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit: P Lot: P Section: 14 Township: 26S Range: 32E Feet from: 215 N/S Line: S Feet from: 623 E/W Line: E
		5. Bottom Hole Location: Unit: P Lot: P Section: 14 Township: 26S Range: 32E Feet from: 215 N/S Line: S Feet from: 623 E/W Line: E
		6. Latitude: 32.036217 longitude: -103.639017
		7. County: Lea

8. Operator Name and Address: CHEVRON U S A INC Attn: Permitting Team 6301 Deauville Blvd. Midland 79706	9. OGRID: 4323	10. Phone Number: 432-687-7866
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11. Last Fracture Date: 6/29/2016 Frac Performed by: Halliburton	12. Production Type: O
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13. Pool Code(s): 97838	14. Gross Fractured Interval: 9,367 ft to 13,807 ft
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15. True Vertical Depth (TVD): 9,030 ft	16. Total Volume of Fluid Pumped: 5,684,131 gals
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17. Total Volume of Re-Use Water Pumped: N/A	18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed
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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	Operator	Base Fluid	Fresh Water	7732-18-5	100%	87.44656%
HYDROCHLORIC ACID	Halliburton	Base Fluid	NA	NA	0%	0%
BC-140 X2, BE-9, HAI-OS ACID INHIBITOR, OPTIFLO-II	Halliburton	Biocide, Breaker, Concentrate, Corrosion Inhibitor, Gelling Agent, Initiator, Proppant	NA	NA	0%	0%
Scalesorb 3	Baker Hughes	Scale Inhibitor	NA	NA	0%	0%
CLA-Web II, DCA-23003, FDP-S1226-15	HES	Clay Control, Friction Reducer, Surfactant	NA	NA	0%	0%
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl)azo]-, trisodium salt	915-67-3	0.1%	0%
			Alcohols, C12-13, ethoxylated	66455-14-9	30%	0.02606%
			Alcohols, C12-16, ethoxylated	68551-12-2	5%	0.00434%
			Alcohols, C14-C15, ethoxylated	68951-67-7	30%	0.00031%
			Amino Alkyl Phosphonic acid	Proprietary	30%	0.00332%
			Ammonium persulfate	7727-54-0	100%	0.00139%
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	5%	0.00156%
			Crystalline Silica	14808-60-7	1%	0.00011%
			Crystalline silica, quartz	14808-60-7	100%	11.6342%
			Crystalline Silica, Quartz	14808-60-7	0.1%	3E-05%
			Cured acrylic resin	Confidential	30%	0.00042%
			Ethoxylated branched C13 alcohol	78330-21-9	5%	0.00228%
			Ethylene glycol	107-21-1	30%	0.00033%
			Fatty acids, tall oil	Confidential	30%	0.00031%
			Guar gum	9000-30-0	100%	0.03116%
			Hydrochloric acid	7647-01-0	60%	0.39715%
			Hydroretreated light petroleum distillate	64742-47-8	30%	0.01369%
			Methanol	67-56-1	60%	0.00062%
			Monoethanolamine borate	26038-87-9	100%	0.00112%
			Non Hazardous	NA	100%	0.02818%
			Olefins	Confidential	5%	0.00012%
			Phosphorous Acid	13598-36-2	1%	0.00011%
			Propargyl alcohol	107-19-7	10%	0.0001%
			Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide	68527-49-1	30%	0.00031%
			Silica gel	112926-00-8	1%	0.00031%
			Sodium perborate tetrahydrate	10486-00-7	100%	0.00757%
			Sodium persulfate	7775-27-1	100%	7E-05%
			Sodium sulfate	7757-82-6	0.1%	0%
			Surfactant mixture	Confidential	1%	0.00062%
			Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00437%
			Water	7732-18-5	100%	0.70592%

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>Denise Pinkerton</u>	Title: <u>Regulatory Specialist</u>
Date: <u>10/5/2016</u>		
E-mail Address: <u>leakejd@chevron.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.