

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: 30-025-06871				
		2. Well Name: E O CARSON #017				
		3. Well Number: 017				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:N Lot:N Section:28 Township:21S Range:37E Feet from:519 N/S Line:S Feet from:2121 E/W Line:W				
		5. Bottom Hole Location: Unit:N Lot:N Section:28 Township:21S Range:37E Feet from:519 N/S Line:S Feet from:2121 E/W Line:W				
		6. Latitude: 32.4440250918045 longitude: -103.169585526485				
		7. County: Lea				
8. Operator Name and Address: STEPHENS & JOHNSON OP CO PO BOX 2249 WICHITA FALLS 76307			9. OGRID: 19958		10. Phone Number:	
11. Last Fracture Date: 10/25/2013 Frac Performed by: CUDD Energy Services			12. Production Type: G			
13. Pool Code(s): 6660, 60240, 72480, 86440			14. Gross Fractured Interval: Confidential			
15. True Vertical Depth (TVD): 8,143 ft			16. Total Volume of Fluid Pumped: 122,000 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		Carrier / Base Fluid		7732-18-5	100%	79.77466%
Sand		Proppant	Silicon Dioxide	14808-60-7	100%	11.65699%
Super DC/LC TLC/THS Opti RCS	Sandtrol	Proppant	Silicon Dioxide	14808-60-7	97%	3.97468%
			P/F Novolak Resin	9003-35-4	5%	0.20488%
			Hexamethylenetetramine	1009-7-0	1%	0.04098%
			2,2 Dibromo-3- Nitrilopropionamide	10222-01-2	100%	0.00047%
B-24	Weatherfork	Biocide	Non-hazardous salts (Choline)	Proprietary	66%	0.0578%
CS-14	Chemplex, L.C.	Clay Control	Water	7732-18-5	45%	0.03941%
			37% Hydrochloric Acid	7647-01-0	15%	0.52694%
15% Hydrochloric Acid	Reagent	Scale Dissolver	Water	7732-18-5	85%	2.98599%
I-112	Chemplex,L.C.	Acid Corrosion Inhibitor	Methanol	67-56-1	49.6%	0.00136%
			Propargyl Alcohol	107-19-7	4%	0.00011%
SG-15G	P/P Technology	Polymer	Guar Gum	9000-30-0	50%	0.28928%
			Petroleum Distillate (Mineral Oil)	64742-47-8	55%	0.31821%
			Bentonite Clay	14808-60-7	2%	0.01157%
			Surfactant	68439-51-0	2%	0.01157%
XL-335	ASK	Crosslinker	Ethylene Glycol	107-21-1	25%	0.01739%
			Potassium Hydroxide	1310-58-3	25%	0.01739%
			Proprietary	Proprietary	25%	0.01739%
			Proprietary	Proprietary	15%	0.01044%
GB-150	Chemplex, L.C.	Breaker	Proprietary	Proprietary	10%	0.00696%
			Non-hazardous ingredients	NA	100%	0.082%
NE-212	Chemplex, L.C.	Non-emulsifier	Isopropanol	67-63-0	5%	0.00028%
			Methanol	67-56-1	50%	0.00284%
			Alkyl Quanternary Ammonium Chlorides	Mixture	25%	0.00142%
			Diethanolamine	111422	2%	5E-05%
			1,3-Propanediol, 2-amino-2-(hm)-polymer	Trade Secret	8%	0.00045%
			2-Butoxy-1-ethanol	111-76-2	7%	0.0004%
			Cocamide	68603-42-9	2%	0.00011%
NE-227	CESI	Non-emulsifier	Isopropanol	67-63-0	15%	0.01163%
			Methanol	67-56-1	15%	0.01163%
			Ethoxylated Nonylphenol	9016-45-9	20%	0.01551%
FE-360	Chemplex, L.C.	Iron Control Additive	Cupric Chloride Dihydrate	10125-13-0	7%	0.00126%
			Thioglycol	60-24-2	80%	0.01439%
Superset W	Santrol	Resin Activator	Methanol	67-56-1	50%	0.01785%
			Poly(oxyethylene) nonyphenol ether	9016-45-9	54%	0.01928%
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: Devire Crabb		Title: Production Analyst		
Date: 2/25/2015						
E-mail Address: dcrabb@sjoc.net						

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.