

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: 30-025-42896				
		2. Well Name: BATTLE AXE 27 FEDERAL COM #002H				
		3. Well Number: 002H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:A Lot:A Section:27 Township:26S Range:32E Feet from:283 N/S Line:N Feet from:245 E/W Line:E				
		5. Bottom Hole Location: Unit:A Lot:A Section:27 Township:26S Range:32E Feet from:283 N/S Line:N Feet from:245 E/W Line:E				
		6. latitude: longitude: 32.020117 -103.654983				
		7. County: Lea				
8. Operator Name and Address: CONOCOPHILLIPS COMPANY 3401 E. 30th Street Farmington 87402		9. OGRID: 217817	10. Phone Number: 505-326-9837			
11. Last Fracture Date: 2/25/2017 Frac Performed by: Keane		12. Production Type: O				
13. Pool Code(s): 98065		14. Gross Fractured Interval: 12,109 ft to 18,779 ft				
15. True Vertical Depth (TVD): 12,027 ft		16. Total Volume of Fluid Pumped: 15,002,988 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	ConocoPhillips	Carrier/Base Fluid	Water	7732-18-5	100%	86.92183%
Frac Sand	Keane	PROPPING AGENT	silica, crystalline quartz	14808-60-7	100%	12.62502%
HCl 15%	Keane	Hydrochloric Acid	Water	7732-18-5	85%	0.28832%
			Hydrochloric acid	7647-01-0	15%	0.05088%
KFR-12	Keane	Friction Reducer	Distillates (petroleum), hydrotreated light	64742-47-8	45%	0.03597%
			Alcohols, C12-15- branched and linear, ethoxylated, propoxylated	120313-48-6	5%	0.004%
BioClear5000	Keane	Biocide	Polyethylene glycol	25322-68-3	50%	0.01205%
			Other components below reportable levels	Proprietary	50%	0.01205%
			2,2-dibromo-3- nitriopropionamide	10222-01-2	5%	0.00121%
KWG-111D	Keane	Gel	Guar Gum	9000-30-0	99%	0.00246%
KWXB-19	Keane	Crosslink	Water	7732-18-5	38.5%	0.00046%
			Inorganic Borates	1319-33-1	35%	0.00042%
			Ethylene glycol	107-21-1	24%	0.00029%
			disodium tetraborate decahydrate	1303-96-4	3.5%	4E-05%
			acrylic polymer	9003-04-7	0.9%	1E-05%
			Xanthan gum	11138-66-2	0.2%	0%
KAI-12	Keane	Corrosion Inhibitor	Methanol	67-56-1	90%	0.00055%
			propan-2-ol	67-63-0	5%	3E-05%
			prop-2-yn-1-ol	107-19-7	5%	3E-05%
			xylene	1330-20-7	5%	3E-05%
			fatty imidazoline	61790-69-0	5%	3E-05%
			Alcohols, C7-9-iso-, C8-rich	68526-83-0	5%	3E-05%
			ethylbenzene	100-41-4	1%	1E-05%
KFEAC-30	Keane	Iron Control	acetic acid	64-19-7	60%	0.00087%
			citric acid	77-92-9	40%	0.00058%
KPH-14L	Keane	pH Buffering Agent	Water	7732-18-5	75%	0.00033%
			sodium hydroxide	1310-73-2	25%	0.00011%
KWBO-13	Keane	Breaker	Ammonium persulfate	7727-54-0	85%	0.00105%
KWBO-2	Keane	Breaker	Sodium persulfate	7775-27-1	99%	0.00247%
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: Ashley Martin		Staff Regulatory Title: Technician		
Date: 5/17/2017						
E-mail Address: Ashley.Martin@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.