

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: 30-025-28039							
		2. Well Name: VACUUM GLORIETA EAST UNIT #004							
		3. Well Number: 004							
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:H Lot:H Section:33 Township:17S Range:35E Feet from:2310 N/S Line:N Feet from:580 E/W Line:E							
		5. Bottom Hole Location: Unit:H Lot:H Section:33 Township:17S Range:35E Feet from:2310 N/S Line:N Feet from:580 E/W Line:E							
		6. Latitude: Longitude: 32.7922885073522 - 103.455988847424							
		7. County: Lea							
8. Operator Name and Address: CONOCOPHILLIPS COMPANY 3401 E. 30th Street Farmington 87402		9. OGRID: 217817	10. Phone Number: 505-326-9518						
11. Last Fracture Date: 12/16/2013 Frac Performed by: Halliburton		12. Production Type: O							
13. Pool Code(s): 62160		14. Gross Fractured Interval: 6,040 ft to 6,076 ft							
15. True Vertical Depth (TVD): 6,200 ft		16. Total Volume of Fluid Pumped: 45,041 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	Operator	Base Fluid	Water	7732-18-5	100%	81.22838%			
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	13.94255%			
CRC SAND	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	4.00523%			
			Hexamethylenetetramine	100-97-0	2%	0.0801%			
			Phenol / formaldehyde resin	9003-35-4	5%	0.20026%			
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01584%			
			Monoethanolamine borate	26038-87-9	100%	0.05279%			
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.01178%			
LoSurf-360W	Halliburton	Surfactant	Complex alkylamine	Confidential Business Information	5%	0.00825%			
			Glycerine	56-81-5	10%	0.01649%			
			Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy-	61827-42-7	30%	0.04948%			
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00297%			
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.06625%			
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.06625%			
Scalechek® LP-65 Scale Inhibitor	Halliburton	Scale Inhibitor	Ammonium chloride	12125-02-9	10%	0.01278%			
BA-40L BUFFERING AGENT	Halliburton	Buffer	Potassium carbonate	584-08-7	60%	0.0259%			
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.18619%			
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00325%			
			Walnut hulls	Mixture	100%	0.01082%			
Ingredients Listed Below This Line Are Part of the			1,2-Benzisothiazolin-3-one	2634-33-5	0%	0%			
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] -, trisodium salt	915-67-3	0%	0%			
			Alkane	Confidential Business Information	0%	0%			
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%			
			C.I. Pigment Red 5	6410-41-9	0%	0%			
			Calcium chloride	10043-52-4	0%	0%			
			Crystalline Silica, Quartz	14808-60-7	0%	0%			
			Cured acrylic resin	Confidential Business Information	0%	0%			
			Cured acrylic resin	Confidential Business Information	0%	0%			
			Enzyme	Confidential Business Information	0%	0%			
			Enzyme	Confidential Business Information	0%	0%			
			Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	0%	0%			
			Formaldehyde	50-00-0	0%	0%			
			Hydrogen peroxide	7722-84-1	0%	0%			
			Nitrotriacetic acid, trisodium salt monohydrate	5064-31-3	0%	0%			
			Organic phosphonate	Confidential Business Information	0%	0%			
			Silica gel	112926-00-8	0%	0%			
			Sodium bicarbonate	144-55-8	0%	0%			
			Sodium glycollate	2836-32-0	0%	0%			
			Sodium hydroxide	1310-73-2	0%	0%			
			Surfactant mixture	Confidential Business Information	0%	0%			
			Surfactant mixture	Confidential Business Information	0%	0%			
			Water	7732-18-5	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: Rhonda S Rogers		Staff Regulatory Title: Technician		
			Date: 12/19/2013						
			E-mail Address: rhonda.s.rogers@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.