

Well completion	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505			1. Well API NO. 30-045-35261		
				2. Well Name: HODGES #014E		
				3. Well Number: 014E		
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment				4. Surface Hole Location: Unit:B Lot:B Section:21 Township:26N Range:08E Feet from:1288 N/S Line:N Feet from:1808 E/W Line:E		
				5. Bottom Hole Location: Unit:B Lot:B Section:21 Township:26N Range:08E Feet from:1288 N/S Line:N Feet from:1808 E/W Line:E		
				6. Latitude: longitude: 0 0		
				7. County: San Juan		
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: 5/23/2012 Frac Performed by: Baker Hughes				12. Production Type: G		
13. Pool Code(s): 71599, 97232				14. Gross Fractured Interval: 5,680 ft to 6,750 ft		
15. True Vertical Depth (TVD): 6,843 ft				16. Total Volume of Fluid Pumped: 6,427 bbls		
17. 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 H Fluid (% by mass)
Water	Operator	Carrier	Water	7732-18-5	100%	77.84966%
KCl	Operator	Clay Stabilizer	Potassium Chloride	7447-40-7	100%	1.57256%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.06448%
			Water	7732-18-5	85%	0.36539%
GBW-5	Baker Hughes	Breaker	Ammonium Persulfate	7727-54-0	100%	0.003%
Enzyme G-I	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	9025-56-3	3%	0.00097%
			Water	7732-18-5	97%	0.0314%
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulfate	7727-54-0	60%	0.00191%
			Crystalline Silica Quartz	14808-60-7	30%	0.00095%
BF-7L	Baker Hughes	Buffer	Potassium Carbonate	584-08-7	60%	0.1707%
			Potassium Hydroxide	1310-58-3	1%	0.00284%
			Water	7732-18-5	60%	0.1707%
CorrSorb 3500	Baker Hughes	Corrosion Inhibitor	Acid Phosphate Ester	Trade Secret	10%	0.00132%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.00013%
			Diatomaceous Earth, Calcined	91053-39-3	100%	0.01323%
			Ethanol	64-17-5	5%	0.00066%
			Quaternary Ammonium Compound	Trade Secret	30%	0.00397%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00047%
			Methanol	67-56-1	60%	0.00094%
			Olefin	Trade Secret	5%	8E-05%
			Polyoxyalkylenes	Trade Secret	30%	0.00047%
			Propargyl Alcohol	107-19-7	10%	0.00016%
XLW-32	Baker Hughes	Crosslinker	Boric Acid (H3BO3)	10043-35-3	30%	0.01671%
			Methanol	67-56-1	60%	0.03341%
			Methyl Borate	121-43-7	30%	0.01671%
FAW-4	Baker Hughes	Foamer	2-Butoxyethanol	111-76-2	10%	0.0035%
			Ammonium Lauryl Ether Sulphate	32612-48-9	30%	0.0105%
			Ethanol	64-17-5	5%	0.00175%
FRW-20	Baker Hughes	Friction Reducer	Isopropanol	67-63-0	30%	0.0105%
GW-3LDF	Baker Hughes	Gelling Agent	Petroleum Distillates	64742-47-8	30%	0.00225%
			1-Butoxy-2-Propanol	5131-66-8	5%	0.02285%
			Crystalline Silica, Quartz (SiO2)	14808-60-7	5%	0.02285%
			Guar Gum	9000-30-0	60%	0.27417%
			Isotridecanol, ethoxylated	9043-30-5	5%	0.02285%
			Paraffinic Petroleum Distillate	64742-55-8	30%	0.13708%
Ferrotrol 300L	Baker Hughes	Iron Control	Petroleum Distillates	64742-47-8	30%	0.13708%
			Citric Acid	77-92-9	60%	0.00089%
Nitrogen	Baker Hughes	Nitrogen	Liquid Nitrogen	7727-37-9	100%	6.81433%
NE-900, drum	Baker Hughes	Non-emulsifier	Methanol	67-56-1	30%	0.01349%
			Nonyl Phenyl Polyethylene Glycol Ether	9016-45-9	10%	0.0045%
NE-900, tote	Baker Hughes	Non-emulsifier	Methanol	67-56-1	30%	0.00945%
			Oxalkylated Alkylphenol	9016-45-9	10%	0.00315%
Sand, Brown, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	9.91442%
Sand, Brown, 16/30	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	2.12023%
ScaleSorb 3, (50# bag)	Baker Hughes	Scale Inhibitor	Amino Alkyl Phosphonic Acid	Trade Secret	30%	0.00318%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	0.00011%
			Diatomaceous Earth, Calcined	91053-39-3	100%	0.01059%
			Phosphonic Acid	13598-36-2	1%	0.00011%
ES-4A, Greenskeeper Solvent	Baker Hughes	Solvent	Petroleum Distillates Blend	Trade Secret	100%	0.00388%
InFlo 250W	Baker Hughes	Surfactant	2-Butoxyethanol	111-76-2	5%	0.00162%
			Methanol	67-56-1	30%	0.00971%
			Surfactants	Trade Secret	80%	0.02589%
GasFlo G, 330 gal tote	Baker Hughes	Surfactant	Methanol	67-56-1	30%	0.02062%
			Mixture of Surfactants	Trade Secret	60%	0.04125%
			Water	7732-18-5	50%	0.03437%
					0%	0%
					0%	0%
					0%	0%
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