

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, 2017 1. Well ID: 30-015-34159 2. Well Name: FEDERAL 13 COM #004 3. Well Number: 004		
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit G, Lot G, Section 13, Township 26S, Range 26E, East from 1400, 14.5 Line N, E/W Line E 5. Bottom Hole Location: Unit G, Lot G, Section 13, Township 26S, Range 26E, East from 1400, 14.5 Line N, E/W Line E 6. Wellbore: 30-1227286, 10914.08, 134, 242, 4695 7. County: Eddy				
8. Operator Name and Address: OMAPEX ENERGY CO. OF COLORADO 252 S. Cherylene Ave. Ste 1000 Tulsa, OK 74103		9. Agent: 162683	10. Phone Number: 918-265-1753			
11. Last Fracture Date: 12/26/2015 First Performed by: Liberty		12. Reservoir Type: G				
13. Well Depth: 97290, 04390		14. Gross Fracture Interval: 8,641 ft to 10,356 ft				
15. True Vertical Depth (TVD): 10,356 ft		16. Total Volume of Fluid Pumped: 24,907,500 gals				
17. Total Volume of Reverse Water Pumped: N/A		18. Percent of Reverse Water in Fluid Pumped: Not Disclosed				
19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:						
Trade Name	Supplier	Purpose	Ingredients	ICAI # Chemical Abstract Service #	Maximum Ingredient Concentration in Additive (% by mass)	Maximum Ingredient Concentration in HF Fluid (% by mass)
Water	Operator	Carrier	Water	7732-18-5	100%	50.9952967%
8FT-72	Liberty Oilfield Services	Non Emulsifier	Emulsifier Alcohol	66339-48-5	10%	0.0085112%
			2-Limonene	5958-27-5	5%	0.0042657%
			Methanol	67-56-1	5%	0.0042657%
			1,2,4-Trimethylbenzene	95-23-6	0.2%	0.0001706%
FRP-E3-S	Liberty Oilfield Services	Friction reduction	Distillates (petroleum), hydroblastic, ant	64742-47-9	45%	0.0279458%
			Alcohols, C12-18, ethoxylated propoxylated	89219-24-1	5%	0.0000718%
CSA-23	Liberty Oilfield Services	Permanent clay stabilizer	Trade Secret	Proprietary	100%	0.0542431%
Biocear 5000	Librizo	Biocear	2,2-Dichloro-3-methylpropanamide	10222-21-2	10%	0.0074217%
HCL-15	Liberty Oilfield Services	Solvent	Hydrochloric Acid	7647-01-6	35%	0.1432922%
			Water	7732-18-5	70%	0.3341501%
ADI-67	Liberty Oilfield Services	Corrosion Inhibitor	Ethylene glycol	107-12-1	45%	0.0007721%
			Diphenylene glycol monomethyl ether	34590-24-8	20%	0.005861%
			Emulsifier Alcohol	Proprietary	10%	0.3E-05%
			Formic acid	64-18-6	10%	0.3E-05%
			Tar bases quinone, neryl, benzy, chloride, guatemal	72439-70-7	10%	0.3E-05%
			Formaldehyde	101-25-2	10%	0.3E-05%
			Isocetyl alcohol	67-63-0	1%	4.4E-06%
ASF-47	Liberty Oilfield Services	Nonionic Non-Emulsifier	Methanol	67-56-1	50%	0.0001835%
ICK-6L	Liberty Oilfield Services	Iron Sequestering Agent	Citric acid	77-32-6	63%	0.0006125%
Liberty Clean Out Fluid	Liberty Oilfield Services	Cleanup Solution	Saodina (petroleum), hydroblastic, heavy	34742-56-7	100%	0.0004061%
Crystalline Silica, Quartz / Unimin Corp	Liberty Oilfield Services	Sand	Crystalline Silica in the form of Quartz	14808-40-7	29.9%	12.2869902%
20. as Operator, hereby certifies 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>Supper Herring</u>		Manager: <u>Simulation</u>		
Date: <u>1/19/2017</u>				Title: <u>Operations</u>		
Email Address: <u>sherring@omapex.com</u>						

MAF003 does not replace the reporting of information beyond MAF003 data as described in 24 C.F.R. 1510.1200. MAF003 does not constitute the reporting of disclosure of proprietary, trade secret or confidential business information.