

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 February 15, 2012				
		1. WELL API NO: 30-015-39932				
		2. Well Name: PLU PHANTOM BANKS 3 26 30 #001H				
		3. Well Number: 001H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☐ Original ☒ Amends disclosure submitted on 5/31/2012		4. Surface Hole Location: Unit:B Lot:B Section:3 Township:26S Range:30E Feet from:300 N/S Line:S Feet from:1980 E/W Line:E				
		5. Bottom Hole Location: Unit:B Lot:B Section:3 Township:26S Range:30E Feet from:300 N/S Line:S Feet from:1980 E/W Line:E				
		6. latitude: longitude: 0 0				
		7. County: Eddy				
8. Operator Name and Address: CHESAPEAKE OPERATING, INC. P.O. Box 18496 Oklahoma City 73154			9. OGRID: 147179		10. Phone Number: 405-935-3782	
11. Last Fracture Date: 5/10/2012 Frac Performed by: Trican			12. Production Type: O			
13. Pool Code(s): 96403			14. Gross Fractured Interval: 8,644 ft to 12,922 ft			
15. True Vertical Depth (TVD): 8,380 ft			16. Total Volume of Fluid Pumped: 52,210 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 HF Fluid (% by mass)
Fresh Water		Carrier/Base Fluid			0%	86.26094%
White Sand		Proppant	Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	100%	8.87199%
SB Excel		Proppant	Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	100%	2.13537%
100 Mesh Sand		Proppant	Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	100%	1.32175%
15 hcl	TRICAN	Acid	Water	007732-18-5	85%	0.77136%
			Hydrochloric Acid	007647-01-0	15%	0.13612%
FEAC-30	TRICAN	Iron Control Agent	Acetic Acid	000064-19-7	60%	0.00051%
			Water	007732-18-5	60%	0.00051%
			Citric Acid	000077-92-9	30%	0.00025%
AI-9	TRICAN	Corrosion Inhibitor	Methanol (Methyl Alcohol)	000067-56-1	60%	0.00125%
			Ethoxylated Alcohols^ C14-15	068951-67-7	30%	0.00063%
			Modified Thiourea Polymer	068527-49-1	30%	0.00063%
			Propargyl Alcohol (2-Propynol)	000107-19-7	10%	0.00021%
			Alkenes^ C>10 alpha-	064743-02-8	5%	0.0001%
ParaSorb	BAKER HUGHES	Scale Inhibitor	Calcined Diatomaceous Earth	091053-39-3	65%	0.02082%
			Mineral Oil (Paraffin Oil, White Mineral Oil)	008042-47-5	30%	0.00961%
			Paraffin Inhibitor	N/A	25%	0.00801%
			Crystalline Silica (Quartz Sand, Silicon Dioxide)	014808-60-7	5%	0.0016%
MC S-2510T (WS)	MULTI-CHEM	Scale Inhibitor	Ethylene Glycol	000107-21-1	60%	0.00576%
			Sodium Hydroxide	001310-73-2	5%	0.00048%
MC MX 664-5	MULTI-CHEM	Surfactant	Methanol (Methyl Alcohol)	000067-56-1	70%	0.05264%
			Sulfonate	TRADE SECRET	30%	0.02256%
			Isopropanol (Isopropyl Alcohol, Propan-2-ol)	000067-63-0	5%	0.00376%
MC B-8642 (WS)	MULTI-CHEM	Anti-Bacterial Agent	Glutaraldehyde (Pentanediol)	000111-30-8	60%	0.01216%
			Quaternary Ammonium Compound	068424-85-1	10%	0.00203%
			Ethanol	000064-17-5	1%	0.0002%
WG-111D	TRICAN	Gelling Agent	Guar Gum	009000-30-0	100%	0.17601%
FR-12 (Anionic Acrylamide)	TRICAN	Friction Reducer	Petroleum Distillate Hydrotreated Light	064742-47-8	60%	0.05376%
			Copolymer of Acrylamide and Sodium Acrylate	025987-30-8	40%	0.03584%
			Quaternary Ammonium Chloride (Ammonium Chloride)	012125-02-9	2%	0.00179%
WXB-12	TRICAN	Cross Linker	Ethylene Glycol	000107-21-1	60%	0.02397%
			Sodium Tetraborate	012179-04-3	30%	0.01198%
			Sodium Hydroxide	001310-73-2	7%	0.0028%
PH-11	TRICAN	pH Adjusting Agent	Potassium Hydroxide	001310-58-3	23%	0.01143%
WBO-1 (Oxidizer Breaker)	TRICAN	Breaker	Ammonium Persulfate	007727-54-0	100%	0.00483%
DF-1	TRICAN	Defoaming Agent	No Hazardous Components	NONE	0%	0%
Additional Ingredients Not Listed on MSDS					0%	0%
100 Mesh Sand, SB Excel, White Sand		Proppant	No Non-MSDS Listed Components	NOT AVAILABLE	0%	0%
ParaSorb	BAKER HUGHES	Scale Inhibitor	Proprietary Polymer	TRADE SECRET	0%	0%
MC B-8642 (WS), MC MX 664-5, MC S-2510T (WS)	MULTI-CHEM	Anti-Bacterial Agent, Scale Inhibitor, Surfactant	Methanol (Methyl Alcohol)	000067-56-1	0%	0%
			Neutralized Polymer	TRADE SECRET	0%	0%
			Phosphoric Acid	007664-38-2	0%	0%
			Water	007732-18-5	0%	0%
15 hcl, AI-9, DF-1, FEAC-30, FR-12 (Anionic Acryla	TRICAN	Acid, Breaker, Corrosion Inhibitor, Cross Linker, Defoaming Agent, Friction Reducer, Gelling Agent,	Crystalline Silica (Silicon Dioxide)	007631-86-9	0%	0%
			Methylcellulose	009004-67-5	0%	0%
			No Non-MSDS Listed Components	NOT AVAILABLE	0%	0%
			Polydimethyl Siloxane	063148-62-9	0%	0%
			Potassium Carbonate	000584-08-7	0%	0%
			Silicon Dioxide	112926-00-8	0%	0%
			Water	007732-18-5	0%	0%
18. 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: Bryan Arrant		Title: Regulatory Specialist II		
Date: 5/31/2012						
E-mail Address: bryan.arrant@chk.com						

NMOCDD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCDD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.