

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. 30-015-41094				
		2. Well Name: BUCKSHOT STATE COM #003H				
		3. Well Number: 003H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:M Lot:4 Section:31 Township:24S Range:28E Feet from:100 N/S Line:S Feet from:1700 E/W Line:W				
		5. Bottom Hole Location: Unit:M Lot:4 Section:31 Township:24S Range:28E Feet from:100 N/S Line:S Feet from:1700 E/W Line:W				
		6. latitude: 32.1675302308631 longitude: -104.134222583849				
		7. County: Eddy				
8. Operator Name and Address: LEGEND NATURAL GAS III LIMITED PARTNERSHIP 15021 Katy Freeway Suite 200 Houston 77094		9. OGRID: 258894	10. Phone Number: 281-644-5900			
11. Last Fracture Date: 9/23/2013 Frac Performed by: Basic Energy Services		12. Production Type: O				
13. Pool Code(s): 96415		14. Gross Fractured Interval: 8,341 ft to 12,548 ft				
15. True Vertical Depth (TVD): 7,877 ft		16. Total Volume of Fluid Pumped: 2,728,100 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	Company 1	Carrier/Base Fluid	Water	7732-18-5	100%	86.69217%
Sand (Proppant)	Badger , Superior Silica	Proppant	Silica Substrate	14808-60-7	100%	12.56363%
Plexslick 957 FR	Chemplex	Friction Reducer	Ammonium Chloride	12125-02-9	5%	0.00271%
			Nonionic Surfactants	Proprietary	10%	0.00541%
			Paraffinic, Napthenic Solvant	64742-47-8	30%	0.01623%
			Poly (acrylamide-co-acrylic acid), Partial sodium salt	62649-23-4	35%	0.01894%
			Sodium Choride	7647-14-5	5%	0.00271%
Stim 204 Break	Catalyst	FR Braker	Water	7732-18-5	40%	0.02164%
			Hydrogen Peroxide	7722-84-1	7%	0.00157%
Claymax	Chemplex	KCL Clay Control	Water	7732-18-5	100%	0.02242%
			Choline Chloride	67-48-1	62%	0.05614%
Payzone 253 WA	Catalyst	Water Recovery Surfactant (anionic)	Water	7732-18-5	38%	0.03441%
			Water	7732-18-5	100%	0%
			Isopropanol	67-63-0	2%	0%
			Alkylbenzensulfoinc Acid	68584-22-5	12%	0%
			Methanol	67-56-1	80%	0%
Payzone 268 NE	Catalyst	Non Emulsifier for Acids and Water	Water	7732-18-5	100%	0.04075%
			Isopropanol	67-63-0	30%	0.01223%
			Polyester Castor	Proprietary	20%	0.00815%
			NP-9	Proprietary	10%	0.00408%
Payzone 215 SI	Catalyst	Scale Inhibitor	Water	7732-18-5	100%	0.02259%
			2-propenoic acid,Homopolymer,Sodium salt	Proprietary	9%	0.00203%
Payzone 814 BCD	Catalyst	Biocide	Water	7732-18-5	100%	0.02657%
			Glutaraldehyde	111-30-8	14%	0.00372%
			N-alkyldimethyl Benzyl Ammonium Chloride	68424-85-1	3%	0.0008%
			Water	7732-18-5	100%	0.00069%
Plexfoam FWF	Chemplex	Water Foaming Agent	Ammonium Alcohol Ether Sulfate	68891-29-2	40%	0.00069%
			Ethyl Alcohol	64-17-5	20%	0.00035%
			Methyl Alcohol	67-56-1	10%	0.00017%
			Water	7732-18-5	30%	0.00052%
Plexhib 256	Chemplex	Acid Inhibitor	AlcoholEthoxylate Sufactants	Proprietary	20%	0.0003%
			Methyl Alcohol	67-56-1	60%	0.0009%
			N-Olefins	Proprietary	5%	8E-05%
			Propargyl	107-19-7	5%	8E-05%
			Thiourea-Formaldehyde Copolymer	68527-49-1	10%	0.00015%
			Water	7732-18-5	100%	0.00293%
Citraplex 50	Chemplex	Iron Sequesterant	Citric Acid , Anhydrous	77-92-9	45%	0.00293%
			Water	7732-18-5	55%	0.00358%
Hydrochloric Acid	Reagent	Acid	Glutaraldehyde	7647-01-0	15%	0.05785%
			Water	7732-18-5	85%	0.32781%
			Water	7732-18-5	15%	0.0113%
Payzone 254 WA	Catalyst	Water Recovery Surfactant (Non-Ionic)	Methanol	67-56-1	100%	0.07533%
			Ethylene Glycol Monobutyl Ether	111-76-2	10%	0.00753%
			Alcohols,C12-14,Ethoxylated Propoxylated	68439-51-0	15%	0.0113%
			Ethylene Glycol	107-21-1	30%	0%
			potassium hydroxide	1310-58-3	5%	0%
			potassium tetraborate tetrahydrate	1332-77-0	10%	0%
Stim GEL 740	Catalyst	Water Gellant	Water	7732-18-5	55%	0%
			Guar Gum	9000-30-0	100%	0.01596%
Breaker 10 L	Chemplex	Enzyme Gel Breaker	Water	7732-18-5	49%	0.00782%
			Mannanase Enzymes	Proprietary	1%	1E-05%
			Sodium Chloride	7647-14-5	9%	5E-05%
Plexset 730	Chemplex	Activator	Water	7732-18-5	90%	0.00047%
			Methyl Alcohol	67-56-1	45%	0%
Plexslick 982C	Chemplex	Friction Reducer For Acid & Water	Alcohol Ethoxylate Surfactants	Proprietary	55%	0%
			Petroleum Distillate	64742-47-8	35%	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: Jennifer M Mosley		Title: Regulatory Analyst		
Date: 11/19/2013						
E-mail Address: jmosley@lng2.com						

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