

Submit within 45 days of well completion	<div>State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505</div>	Revised November 6, 2013				
		1. WELL API NO: 30-045-33057				
		2. Well Name: PIERRE COM #091S				
		3. Well Number: 091S				
<div>HYDRAULIC FRACTURING FLUID DISCLOSURE</div> <div><input checked="" type="checkbox"/> Original</div> <div><input type="checkbox"/> Amendment</div>		4. Surface Hole Location: Unit:H Lot:H Section:23 Township:23N Range:11W Feet from:1400 N/S Line:N Feet from:1250 E/W Line:E				
		5. Bottom Hole Location: Unit:H Lot:H Section:23 Township:23N Range:11W Feet from:1400 N/S Line:N Feet from:1250 E/W Line:E				
		6. latitude: 36.2155221720556 longitude: -107.969551184278				
		7. County: San Juan				
8. Operator Name and Address: DUGAN PRODUCTION CORP PO BOX 420 FARMINGTON 87499		9. OGRID: 6515 10. Phone Number:				
11. Last Fracture Date: 5/7/2015 Frac Performed by: Baker Hughes		12. Production Type: G				
13. Pool Code(s): 71629		14. Gross Fractured Interval: 483 ft to 548 ft				
15. True Vertical Depth (TVD): 548 ft		16. Total Volume of Fluid Pumped: 38,577 gals				
17. Total Volume of Re-Use Water Pumped: 0 gals		18. Percent of Re-Use Water in Fluid Pumped: %				
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	Dugan Production Corp.	Carrier	Water	7732-18-5	100%	62.4288%
Alpha 1427	Baker Hughes	Biocide	Listed with Chemicals in Ingredients	NA	0%	0.0683%
GBW-5	Baker Hughes	Breaker	Listed with Chemicals in Ingredients	NA	0%	0.002%
Enzyme G-I	Baker Hughes	Breaker	Listed with Chemicals in Ingredients	NA	0%	0.0667%
High Perm CRB	Baker Hughes	Breaker	Listed with Chemicals in Ingredients	NA	0%	0.0059%
BF-7L	Baker Hughes	Buffer	Listed with Chemicals in Ingredients	NA	0%	0.0956%
ClayCare, ClayTreat 2C, 330 gal tote	Baker Hughes	Caly Control	Listed with Chemicals in Ingredients	NA	0%	0.1134%
CorrSorb 3600, 25 lb pail	Baker Hughes	Corrosion Inhibitor	Listed with Chemicals in Ingredients	NA	0%	0.039%
XLW-32	Baker Hughes	Crosslinker	Listed with Chemicals in Ingredients	NA	0%	0.0604%
FAW-22	Baker Hughes	Foamer	Listed with Chemicals in Ingredients	NA	0%	0.3047%
GW-3LDF	Baker Hughes	Gelling Agent	Listed with Chemicals in Ingredients	NA	0%	0.325%
Nitrogen	Baker Hughes	Nitrogen	Listed with Chemicals in Ingredients	NA	0%	4.8255%
Sand, Brown, 20/40	Baker Hughes	Proppant	Listed with Chemicals in Ingredients	NA	0%	31.2238%
ScaleSorb, 3 (25# pail)	Baker Hughes	Scale Inhibitor	Listed with Chemicals in Ingredients	NA	0%	0.039%
GasFlo G, 330 gal tote	Baker Hughes	Surfactant	Listed with Chemicals in Ingredients	NA	0%	0.0616%
Chemical Ingredients	Baker Hughes	Treatment System	1-butoxy-2-propanol	5131-66-8	5%	0.01616%
			2-butoxy-1-propanol	15821-83-7	0.1%	0.000323%
			Acid Phosphate Ester	9046-01-9	10%	0.003882%
			Alcohols, ethoxylated	68551-12-2	10%	0.006131%
			Amines, unsatd. alkyl, ethoxylated	68155-39-5	5%	0.003066%
			Amino Trimethylene Phosphonic Acid	6419-19-8	28%	0.010869%
			Ammonium Alkyl Ether Sulfate	78330-26-4	10%	0.030308%
			Ammonium Persulfate	7727-54-0	100%	0.007764%
			Boric Acid (H3BO3)	10043-35-3	30%	0.018024%
			Choline Chloride	67-48-1	75%	0.084593%
			Crystalline Cristobalite	14464-46-1	1%	0.000388%
			Crystalline Silica (Quartz)	14808-60-7	100%	31.054921%
			Crystalline Silica: Quartz	14808-60-7	5%	0.016548%
			Diatomaceous Earth, Calcined	91053-39-3	100%	0.067544%
			Diocetyl Dimethyl Ammonium Chloride	7173-51-5	10%	0.006793%
			Ethanol	64-17-5	5%	0.003397%
			Ethoxylated Alcohol	68439-46-3	1%	0.003031%
			Ethylene Glycol	107-21-1	1%	0.003419%
			Fatty Amide Derivative	70851-08-0	1%	0.003031%
			Formaldehyde	50-00-0	1%	0.003031%
			Glutaraldehyde	111-30-8	30%	0.02038%
			Guar Gum	9000-30-0	60%	0.193918%
			Hemicellulase	9025-56-3	3%	0.00199%
			Enzyme Concentrate			
			Hydrated Magnesium Silicate	14807-96-6	1%	5.8E-05%
			Isopropanol	67-63-0	30%	0.090925%
			Isotridecanol, ethoxylated	9043-30-5	5%	0.01616%
			Methanol	67-56-1	60%	0.05442%
			Methyl Borate	121-43-7	30%	0.018024%
			Mineral Oil	8042-47-5	70%	0.226237%
			Nitrogen	7727-37-9	100%	4.79932%
			Paraffinic Petroleum Distillate	64742-55-8	30%	0.056959%
			Petroleum Distillates	64742-47-8	30%	0.096959%
			Phosphonic Acid	13598-36-2	1%	0.000388%
			Phosphonic Acid	7664-38-2	1%	0.000388%
			Poly (Tetrafluoroethylene)	9002-84-0	0.5%	2.9E-05%
			Polyethylene glycol nonylphenyl ether	9016-45-9	15%	0.009197%
			Polyoxyalkylenes	78330-21-9	1%	0.000388%
			Potassium Carbonate	584-08-7	60%	0.057063%
			Potassium Hydroxide	1310-58-3	1%	0.000951%
			Quaternary Ammonium Chloride	61789-71-7	30%	0.011645%
			Quaternary Ammonium Compound	68424-85-1	5%	0.003397%
			Sodium Chloride	7647-14-5	1%	0.003031%
			Sodium Sulfate	7757-82-6	1%	0.003031%
			Sodium Sulfonate	68439-57-6	30%	0.090925%
			Sulfuric acid, monodecyl ester, sodium salt (1:1)	142-87-0	5%	0.015154%
			Sulfuric acid, monohexyl ester, sodium salt (1:1)	2207-98-9	1%	0.003031%
			Sulfuric acid, monooctyl ester, sodium salt (1:1)	142-31-4	5%	0.015154%
			Thioglycolic Acid	68-11-1	1%	0.000388%
			Vinylidene Chloride-Methyl Acrylate	25038-72-6	25%	0.001456%
			Water	7732-18-5	97%	0.396997%
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: Tyra M Feil		ENGINEERING Title: ASSISTANT	
Date: 6/15/2015						
E-mail Address: tyrafeil@duganproduction.com						

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