

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: 30-015-39241				
		2. Well Name: NUCLEUS BGN FEDERAL COM #001H				
		3. Well Number: 001H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:E Lot:2 Section:31 Township:19S Range:30E Feet from:1750 N/S Line:N Feet from:330 E/W Line:W				
		5. Bottom Hole Location: Unit:H Lot:2 Section:31 Township:19S Range:30E Feet from:1738 N/S Line:N Feet from:278 E/W Line:E				
		6. Latitude: 32.6193695069523 longitude: -104.018788184444				
		7. County: Eddy				
8. Operator Name and Address: YATES PETROLEUM CORPORATION 105 S 4TH ST ARTESIA 88210		9. OGRID: 25575	10. Phone Number:			
11. Last Fracture Date: 7/31/2014 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 49622		14. Gross Fractured Interval: 8,723 ft to 12,771 ft				
15. True Vertical Depth (TVD): 8,399 ft		16. Total Volume of Fluid Pumped: 3,096,671 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)
Fresh Water	Operator	Base Fluid	Fresh Water	7732-18-5	100%	83.76408%
FE ACID - >10% HCL	Halliburton	Acid	Hydrochloric acid	7647-01-0	30%	0.47398%
Premium White - 20/40	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	10.82285%
CRC LT 16/30	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	3.415%
			Hexamethylenetetramine	100-97-0	2%	0.0683%
			Phenol / formaldehyde resin	9003-35-4	5%	0.17075%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00018%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01651%
FR-66	Halliburton	Friction Reducer	Monoethanolamine borate	26038-87-9	100%	0.05503%
BE-9	Halliburton	Biocide	Hydrotreated light petroleum distillate	64742-47-8	30%	0.00155%
LoSurf-360	Halliburton	Surfactant	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00354%
			Complex alkylamine	Confidential Business Information	5%	0.00221%
			Poly(oxy-1,2-ethanedilyl), alpha -isodecyl- omega -hydroxy-	61827-42-7	30%	0.01328%
Scalechek® LP-65 Scale Inhibitor	Halliburton	Scale Inhibitor	Ammonium chloride	12125-02-9	10%	0.00167%
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.02493%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.00825%
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.00893%
OptiKleen-WF™	Halliburton	Concentrate	Crystalline silica, quartz	14808-60-7	30%	0.00268%
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Sodium perborate tetrahydrate	10486-00-7	100%	0.00044%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Glassy calcium magnesium phosphate	65997-17-3	100%	0.01867%
Ingredients Listed Below This Line Are Part of the			Guar gum	9000-30-0	100%	0.17779%
			1,2-Benzisothiazolin-3-one	2634-33-5	0%	0%
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] -, trisodium salt	915-67-3	0%	0%
			Acetic acid	64-19-7	0%	0%
			Acetic anhydride	108-24-7	0%	0%
			Alcohols, C12-16, ethoxylated	68551-12-2	0%	0%
			Alkane	Confidential Business Information	0%	0%
			Amine salts	Confidential Business Information	0%	0%
			Amine salts	Confidential Business Information	0%	0%
			Ammonium chloride	12125-02-9	0%	0%
			Bentonite, benzyl(hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%
			Calcium chloride	10043-52-4	0%	0%
			Citric acid	77-92-9	0%	0%
			Crystalline Silica, Quartz	14808-60-7	0%	0%
			Cured acrylic resin	Confidential Business Information	0%	0%
			Enzyme	Confidential Business Information	0%	0%
			Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	0%	0%
			Fatty acid tall oil amide	Confidential Business Information	0%	0%
			Formaldehyde	50-00-0	0%	0%
			Hydrogen peroxide	7722-84-1	0%	0%
			Nitrotriacetic acid, trisodium salt monohydrate	5064-31-3	0%	0%
			Organic phosphonate	Confidential Business Information	0%	0%
			Polyacrylamide copolymer	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Quaternary amine	Confidential Business Information	0%	0%
			Silica gel	112926-00-8	0%	0%
			Sodium bicarbonate	144-55-8	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Sodium glycolate	2836-32-0	0%	0%
			Sodium hydroxide	1310-73-2	0%	0%
			Sorbitan monooleate	9005-65-6	0%	0%
			polyoxyethylene derivative			
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
			Trimethylamine, N-oxide	1184-78-7	0%	0%
			Water	7732-18-5	0%	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: Tina Huerta				
Date: 9/11/2014		Regulatory Reporting Title: Supervisor				
E-mail Address: tinah@ypcnm.com						

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