

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: 30-015-42290					
		2. Well Name: NORTH BRUSHY DRAW FEDERAL COM 35 #004H					
		3. Well Number: 004H					
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:N Lot:N Section:35 Township:25S Range:29E Feet from:175 N/S Line:S Feet from:2365 E/W Line:W					
		5. Bottom Hole Location: Unit:N Lot:N Section:35 Township:25S Range:29E Feet from:175 N/S Line:S Feet from:2365 E/W Line:W					
		6. latitude: 32.0794050325049 longitude: -103.955942443067					
		7. County: Eddy					
8. Operator Name and Address: RKI EXPLORATION & PRODUCTION, LLC 210 PARK AVENUE SUITE 900 OKLAHOMA CITY 73102		9. OGRID: 246289		10. Phone Number: 405-996-5774			
11. Last Fracture Date: 1/24/2015 Frac Performed by: RKI EXPLORATION & PRODUCTION		12. Production Type: G					
13. Pool Code(s): 98099		14. Gross Fractured Interval: Confidential					
15. True Vertical Depth (TVD): 10,430 ft		16. Total Volume of Fluid Pumped: 3,930,751 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				100%	87.76181%	
HYDROCHLORIC ACID 10-30%	Halliburton		Hydrochloric acid	7647-01-0	30%	0.11483%	
SAND - COMMON WHITE 100 MESH	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	0.85776%	
SAND - PREMIUM WHITE 40/70	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	4.07333%	
SAND - PREMIUM WHITE 20/40	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	4.32196%	
CRC SAND - 20/40	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	1.92699%	
			Hexamethylenetetramine	100-97-0	2%	0.03854%	
			Phenol / formaldehyde resin	9003-35-4	5%	0.09635%	
BE-9W	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00414%	
BC-200 UC	Halliburton	Crosslinker	Modified alkane	Confidential Business Information	60%	0.06223%	
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.0667%	
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.00141%	
			Potassium metaborate	13709-94-9	60%	0.01695%	
FR-76	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.00629%	
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00574%	
D-AIR 3000L	Halliburton	Defoamer	Alkenes	Confidential Business Information	100%	0.00041%	
			Silica, amorphous precipitated	67762-90-7	30%	0.00012%	
FDP-S1145-14	Halliburton	Surfactant	Methyl alcohol	67-56-1	30%	0.04433%	
			Proprietary Component	Proprietary	30%	0.04433%	
			Proprietary Component	Proprietary	10%	0.01478%	
			Proprietary Component	Proprietary	10%	0.01478%	
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.17701%	
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.00631%	
			Crystalline silica, quartz	14808-60-7	30%	0.00189%	
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00097%	
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.01715%	
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00116%	
Ingredients Listed Below This Line Are Part of the			2-Ethyl hexanol	104-76-7	0%	0%	
			Alcohols, C12-16, ethoxylated	68551-12-2	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%	
			Borate salts	Confidential Business Information	0%	0%	
			Butyl alcohol	71-36-3	0%	0%	
			Crystalline silica, quartz	14808-60-7	0%	0%	
			Cured acrylic resin	Confidential Business Information	0%	0%	
			Fatty acid tall oil amide	Confidential Business Information	0%	0%	
			Methanol	67-56-1	0%	0%	
			Modified bentonite	Confidential Business Information	0%	0%	
			Organic salt	Confidential Business Information	0%	0%	
			Polyacrylamide copolymer	Confidential Business Information	0%	0%	
			Polypropylene glycol	25322-69-4	0%	0%	
			Propylene carbonate	108-32-7	0%	0%	
			Propylene glycol	57-55-6	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 carbonate	497-19-8	0%	0%	
			Sodium chloride	7647-14-5	0%	0%	
			Sodium sulfate	7757-82-6	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%	
		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: Heather Brehm		Title: Regulatory analyst			
Date: 2/10/2015							
E-mail Address: hbrehm@rkxp.com							

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