

Submit within 45 days of well completion	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b> <b>Oil Conservation Division</b> <b>1220 S. St Francis Dr.</b> <b>Santa Fe, NM 87505</b>	Revised November 6, 2013				
		1. WELL API NO: 30-025-41188				
		2. Well Name: RAGIN CAJUN 12 FEDERAL #001H				
		3. Well Number: 001H				
<b>HYDRAULIC FRACTURING FLUID DISCLOSURE</b> <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit: O Lot: O Section: 12 Township: 26S Range: 34E Feet from: 10 N/S Line: S Feet from: 1686 E/W Line: E				
		5. Bottom Hole Location: Unit: O Lot: O Section: 12 Township: 26S Range: 34E Feet from: 10 N/S Line: S Feet from: 1686 E/W Line: E				
		6. Latitude: 32.0505966923911 Longitude: 103.420593133728				
		7. County: Lea				
8. Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP 333 W. Sheridan Avenue Oklahoma City 73102		9. OGRID: 6137				
		10. Phone Number: 405-228-8588				
11. Last Fracture Date: 2/17/2014 Frac Performed by: HES		12. Production Type: O				
13. Pool Code(s): 97597		14. Gross Fractured Interval: Confidential				
15. True Vertical Depth (TVD): 9,019 ft		16. Total Volume of Fluid Pumped: 2,544,918 gals				
17. Total Volume of Re-Use Water Pumped: N/A		18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed				
<b>19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:</b>						
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%	84.22086%
FE ACID - > 10% HCL	Halliburton	Solvent	Hydrochloric acid	7647-01-0	30%	0.44188%
100 Mesh	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	3.56656%
Premium White 30/50	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	8.09641%
CRC 20/40	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	2.29014%
			Hexamethylenetetramine	100-97-0	0%	0%
			Phenol / formaldehyde resin	9003-35-4	0%	0%
CL-22 UC	Halliburton	Crosslinker	Potassium formate	590-29-4	60%	0.0153%
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.00082%
			Potassium metaborate	13709-94-9	60%	0.0099%
FDP-S1047-12	Halliburton	Wetting Agent	Methanol	67-56-1	100%	0.81798%
			Sulfonate	Confidential	10%	0.0818%
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MC B-8614	Halliburton	Biocide	Glutaraldehyde	111-30-8	30%	0%
			Alkyl (C12-16) dimethylbenzylammonium chloride	68424-85-1	5%	0%
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.03278%
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.01824%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00374%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.02487%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.02487%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00694%
BA-20 BUFFERING AGENT	Halliburton	Buffer	Acetic acid	64-19-7	30%	0.00209%
			Ammonium acetate	631-61-8	100%	0.00696%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.11819%
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.00397%
			Crystalline silica, quartz	14808-60-7	30%	0.00119%
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00567%
Ingredients Listed Below This Line Are Part of the			Acetic acid	64-19-7	0%	0%
			Acetic anhydride	108-24-7	0%	0%
			Acrylate polymer	Confidential Business Information	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%
			Citric acid	77-92-9	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%
			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 carboxymethyl cellulose	9004-32-4	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Sodium glycolate	2836-32-0	0%	0%
			Sodium sulfate	7757-82-6	0%	0%
			Sorbitan monooleate	9005-65-6	0%	0%
			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: Derek Berg		Title: Engineering Technician		
Date: 4/24/2014						
E-mail Address: derek.berg@dm.com						

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