

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:
30-025-41541

2. Well Name:
RAGIN CAJUN 14 FEDERAL #001H

3. Well Number:
001H

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒ Original
☐ Amendment

4. Surface Hole Location:
Unit:P Lot:P Section: 14 Township:26S Range:34E
Feet from:330 N/S Line:S
Feet from:330 E/W Line:E

5. Bottom Hole Location:
Unit:P Lot:P Section: 14 Township:26S Range:34E
Feet from:330 N/S Line:S
Feet from:330 E/W Line:E

6. latitude: longitude: -103.4332504

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: 5/2/2015 Frac Performed by: Schlumberger

12. Production Type:
O

13. Pool Code(s):
97597

14. Gross Fractured Interval:
Confidential

15. True Vertical Depth (TVD):
9,096 ft

16. Total Volume of Fluid Pumped:
36,234,387 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
Slickwater, HCL 7.5%, YF100FlexD, YF500PW	Schlumberger	Acid Corrosion Inhibitor, Activator, Demulsifier, Surfactant, Acid, Breaker, Crosslinker, Gelling	Water (Including Mix Water Supplied by Client)*	NA	0%	85.83576%
			1. 2. 3 - Propanetriol	Unknown	7E-05%	1E-05%
			Urea	57-13-6	0.00229%	0.00032%
			Tetrasodium ethylenediaminetetraacetate	64-02-8	6E-05%	1E-05%
			Ethanol	64-17-5	0.00012%	2E-05%
			Acetic acid	64-19-7	0%	0%
			2-hydroxy-N,N,N-trimethylethanaminium chloride	67-48-1	0.08787%	0.01245%
			Methanol	67-56-1	0.00354%	0.0005%
			Propan-2-ol	67-63-0	0.09867%	0.01398%
			Oxirane	75-21-8	0%	0%
			Propylene oxide	75-56-9	0%	0%
			2-Propenamid (impurity)	79-06-1	0.00011%	2E-05%
			Cinnamaldehyde	104-55-2	0.00054%	8E-05%
			Ethylene Glycol	107-21-1	0.07886%	0.01117%
			Fumaric acid	110-17-8	0.00358%	0.00051%
			Oleic acid	112-80-1	2E-05%	0%
			1,4-Dioxane	123-91-1	0%	0%
			Acetic acid, potassium salt	127-08-2	4E-05%	1E-05%
			Potassium oleate	143-18-0	3E-05%	0%
			Dodecamethylcyclotetrasiloxane	540-97-6	0%	0%
			Decamethyl cyclotetrasiloxane	541-02-6	0%	0%
			Octamethylcyclotetrasiloxane	556-67-2	0%	0%
			Sodium hydroxide	1310-73-2	0.01981%	0.00281%
			Boronatrocalcite	1319-33-1	0.13621%	0.01929%
			Sodium tetraborate	1330-43-4	0.01147%	0.00162%
			Non-crystalline silica (impurity)	7631-86-9	0.00213%	0.0003%
			Hydrochloric acid	7647-01-0	0.41367%	0.05859%
			Monosodium fumarate	7704-73-6	0.00358%	0.00051%
			Diammonium peroxodisulphate	7727-54-0	0.12677%	0.01796%
			Sodium sulfate	7757-82-6	0.00053%	8E-05%
			Copper(II) sulfate	7759-98-7	0%	0%
			Ammonium sulfate	7783-20-2	0.04721%	0.00669%
			Guar gum	9000-30-0	0.65854%	0.09328%
			poly(tetrafluoroethylene)	9002-84-0	0.00014%	2E-05%
			Dodecyl poly(oxyethylene) ether	9002-92-0	7E-05%	1E-05%
			Methyl oxirane polymer with oxirane	9003-11-6	0.004%	0.00057%
			Phenolic resin	9003-35-4	0.19546%	0.02769%
			Boric acid	10043-35-3	0.00358%	0.00051%
			Magnesium silicate hydrate (tacl)	14807-96-6	0.00034%	5E-05%
			Quartz, Crystalline silica	14808-60-7	97.92887%	13.87088%
			sodium zirconium lactate	15529-67-6	0.00806%	0.00114%
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.01099%	0.00156%
			Isodecanol w/6-7 Moles Ethylene Oxide	26183-52-8	0.00083%	0.00012%
			Glycols, polyethylene, monotetradecyl ether	27306-79-2	5E-05%	1E-05%
			Polyethylene glycol monohexyl ether	31726-34-8	0.03655%	0.00518%
			Acrylamide, 2-acrylamido-2-methylpropanesulfonic acid, sodium salt polymer	38193-60-1	0.03485%	0.00494%
			Polyethylenimin, polymer with ethylene oxide and propylene oxide	52501-07-2	0.01012%	0.00143%
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0.00152%	0.00022%
			Amines, tallow alkyl, ethoxylated	61791-26-2	0.00016%	2E-05%
			Dimethyl siloxanes and silicones	63148-62-9	3E-05%	0%
			Alkyl (c10-c14) alcohols, ethoxylated	66455-15-0	0.00202%	0.00029%
			Siloxanes and silicones, dimethyl, reaction products with silica	67762-90-7	0%	0%
			Crosslinked PO/EO-block polymer	68123-18-2	0.00809%	0.00115%
			Fatty acid, tall-oil reaction products with acetophenone	68188-40-9	0.00147%	0.00021%
			Alcohols, C12-C16, ethoxylated	68551-12-2	0.00123%	0.00017%
			Alcohol, C7-9-iso, C8, ethoxylated	78330-19-5	0.03336%	0.00473%
			Alcohol, C11-14, ethoxylated	78330-21-9	0.00237%	0.00034%
			Ethoxylated C6 alcoholS	104780-82-7	0.00185%	0.00026%
			Diutan gum	125005-87-0	0.00018%	3E-05%
			Polymer of 2-acrylamido-2-methylpropanesulfonic acid sodium salt and methyl acrylate	136793-29-8	0.00373%	0.00053%

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: Rebecca Deal

Date: 3/2/2016

E-mail Address: rebecca.deal@dm.com

Title: Regulatory Professional

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