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.
30-015-42670

2. Well Name:
RUSTLER BLUFF 33 24 29 FEDERAL COM #001H

3. Well Number:
001H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:B Lot:2 Section:4 Township:25S Range:29E
Feet from:225 N/S Line:N
Feet from:1980 E/W Line:E

5. Bottom Hole Location:
Unit:B Lot:2 Section:4 Township:25S Range:29E
Feet from:225 N/S Line:N
Feet from:1980 E/W Line:E

6. latitude: 32.1659313086802 longitude: -103.987380063379

7. County:
Eddy

8. Operator Name and Address:
CHEVRON U S A INC
Attn: Sandy Stedman-Daniel
1400 Smith
Houston 77002

9. OGRID: 4323

10. Phone Number: 713-372-2978

11. Last Fracture Date: 7/13/2015 Frac Performed by: Weatherford

12. Production Type:
O

13. Pool Code(s):
96217

14. Gross Fractured Interval:
9,246 ft to 13,658 ft

15. True Vertical Depth (TVD):
13,920 ft

16. Total Volume of Fluid Pumped:
5,172,817 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)
Water	CHEVRON	Carrier / Base Fluid	Carrier / Base Fluid - Water		100%	90.13248%
Ottawa Sand 20/40 (2.63 sg)	WFT	Proppant	Crystalline Silica in the form of Quartz	14808-60-7	100%	7.87951%
Super LC 20/40 (2.51 sg)	WFT	Proppant	Crystalline Silica (Quartz)	14808-60-7	72.98%	1.10898%
			Formaldehyde	50-00-0	0.01%	0.00015%
			Hexamethylenetetramine	100-97-0	1%	0.0152%
			Hydrated Aluminum Silicate	1332-58-7	5%	0.07598%
			Iron Oxide (fume)	1309-37-1	15%	0.22794%
			Phenol	108-95-2	0.01%	0.00015%
			Phenol-Formaldehyde Resin	9003-35-4	6%	0.09117%
WBK-133	WFT	Breaker	Ammonium Persulfate	7727-54-0	100%	0.00114%
WBK-134	WFT	Breaker	Ammonium Persulfate	7727-54-0	75%	0.0018%
Bio-ClearÂ® 5000	WFT	Bactericide	2,2-dibromo-3-nitrilopropionamide	10222-01-2	5%	0.00158%
			Dibromoacetonitrile	3252-43-5	0.5%	0.00016%
			Polyethylene Glycol	25322-68-3	65%	0.02055%
			Sodium Bromide	7647-15-6	1.5%	0.00047%
WBK-143L	WFT	Breaker	Potassium chloride	7447-40-7	15%	0.00658%
			Sodium chlorite	7758-19-2	15%	0.00658%
WFR-55LA	WFT	Friction Reducers	Ethylene Glycol	107-21-1	5%	0.00246%
WGA-15L	WFT	Gelling Agents	Petroleum Distillates	64742-47-8	60%	0.06895%
WPB-584L	WFT	ph Adjusting Agents	Potassium Carbonate	584-08-7	40%	0.02599%
			Potassium Hydroxide	1310-58-3	20%	0.013%
WNE-363L	WFT	Surfactant	2-Ethylhexanol	104-76-7	7%	0.00442%
			Dodecylbenzenesulfonic acid, monoethanolamine salt	26836-07-7	15%	0.00948%
			Ethylene/Propylene Oxide Polymer	11/6/03	30%	0.01896%
			Poly(oxy-1,2-ethanediyl), a-isotridecyl-w-hydroxy-	9043-30-5	5%	0.00316%
7.5% HCL	WFT	Acid	Hydrochloric Acid	7647-01-0	7.5%	0.06492%
Ingredients shown above are subject to 29 CFR 1910			2-Butoxyethanol	111-76-2	0%	0.00115%
			Alcohol Ethoxylate	68002-97-1	0%	0.00115%
			Alcohols, C12-16, Ethoxylated	68551-12-2	0%	0.00115%
			Arlacel 83	8007-43-0	0%	0.00115%
			Choline Chloride	67-48-1	0%	0.02257%
			Crystalline Silica in the form of Quartz	14808-60-7	0%	0.00115%
			Deionized water	7732-18-5	0%	0.0307%
			Guar gum	9000-30-0	0%	0.05746%
			Proprietary Ingredient	Proprietary	0%	0.05515%
			Sodium chloride	7647-14-5	0%	0.00877%

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: Denise Pinkerton Title: Regulatory Specialist

Date: 10/5/2015

E-mail Address: leakejd@chevron.com

NMOCD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.