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.
30-025-42699

2. Well Name:
EK 29 BS2 FEDERAL COM #003H

3. Well Number:
003H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:N Lot:N Section:29 Township:18S Range:34E
Feet from:305 N/S Line:S
Feet from:2155 E/W Line:W

5. Bottom Hole Location:
Unit:N Lot:N Section:29 Township:18S Range:34E
Feet from:305 N/S Line:S
Feet from:2155 E/W Line:W

6. latitude: 32.71229722 longitude: -103.58404444

7. County:
Lea

8. Operator Name and Address:
MCELVAIN ENERGY, INC
1050 17th Street
Suite 2500
Denver 80265

9. OGRID: 22044

10. Phone Number: 303-893-0933

11. Last Fracture Date: 10/14/2016 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
21650

14. Gross Fractured Interval:
Confidential

15. True Vertical Depth (TVD):
9,385 ft

16. Total Volume of Fluid Pumped:
7,232,267 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%	89.82905%
HCl > 10%	Halliburton	Base Fluid	Hydrochloric acid	7647-01-0	0%	0%
BE-7(TM), CLA-STA FS ADDITIVE, FR-66, ISOPROPYL AL	Halliburton	Biocide, Clay Stabilizer, Flow Enhancer, Friction Reducer, Scale Preventer, Solvent, Surfactant	NA	NA	0%	0%
			Acetic acid	64-19-7	1%	0.00013%
			Alcohols ethoxylated	Confidential	5%	0.00452%
			Alkane	Confidential	1%	0.00041%
			Amide	Confidential	5%	0.00452%
			Ammonium chloride	12125-02-9	30%	0.01858%
			Bis-quaternary methacrylamide monomer	Confidential	5%	0.00234%
			Complex alkylamine	Proprietary	5%	0.00203%
			Ethoxylated amine	Confidential	5%	0.00065%
			Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	0.01%	0%
			Fatty acid amine salt mixture	68139-75-3	60%	0.00775%
			Glassy calcium magnesium phosphate	65997-17-3	100%	0.00326%
			Heavy aromatic petroleum naphtha	64742-94-5	30%	0.00387%
			Hydrotreated light petroleum distillate	64742-47-8	30%	0.02711%
			Isopropanol	67-63-0	100%	0.00375%
			Naphthalene	91-20-3	5%	0.00065%
			NFIDB:HCl > 10%	NFIDB:HCl > 10%	100%	0.79179%
			NFIDB:NA	NFIDB:NA	100%	9.13292%
			Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy-	61827-42-7	30%	0.0122%
			Polyacrylamide copolymer	Confidential	30%	0.02711%
			Polyquaternary amine salt	Confidential	60%	0.02811%
			Potassium acetate	127-08-2	0.01%	0%
			Sodium bicarbonate	144-55-8	0.01%	0%
			Sodium chloride	7647-14-5	5%	0.00452%
			Sodium hydroxide	1310-73-2	2%	0.00097%
			Sodium hypochlorite	7681-52-9	30%	0.01454%
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	1%	0.0009%
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	1%	0.0009%
			Water	7732-18-5	100%	0.18053%

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: Tony G Cooper Title: EHS Specialist

Date: 11/1/2016

E-mail Address: Tony.Cooper@McElvain.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.