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. 30-025-42017
2. Well Name: SEMU #245
3. Well Number: 245

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:J Lot:J Section:19 Township:20S Range:38E
Feet from:1528 N/S Line:S
Feet from:2204 E/W Line:E

5. Bottom Hole Location:
Unit:J Lot:J Section:19 Township:20S Range:38E
Feet from:1528 N/S Line:S
Feet from:2204 E/W Line:E

6. latitude: 32.5555347838308 longitude: -103.18636321752

7. County: Lea

8. Operator Name and Address:
CONOCOPHILLIPS COMPANY
3401 E. 30th Street
Farmington 87402

9. OGRID: 217817

10. Phone Number: 505-326-9518

11. Last Fracture Date: 10/28/2014 Frac Performed by: Halliburton

12. Production Type: O

13. Pool Code(s): 57380

14. Gross Fractured Interval: 3,880 ft to 4,020 ft

15. True Vertical Depth (TVD): 4,262 ft

16. Total Volume of Fluid Pumped: 36,984 gals

17. Total Volume of Re-Use Water Pumped: 36,984 gals

18. Percent of Re-Use Water in Fluid Pumped: 100%

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%	83.98897%
FE Acid > 10%	Halliburton	Acid	Hydrochloric Acid	7647-01-0	15%	0.4817%
SAND - PREMIUM BROWN	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	7.20139%
CRC SAND	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	4.77046%
			Hexamethylenetetramine	100-97-0	2%	0.09541%
			Phenol / formaldehyde resin	9003-35-4	5%	0.23852%
ALDACIDE(R) G ANTIMICROBIAL	Halliburton	Biocide	Glutaraldehyde	111-30-8	30%	0.02804%
Scalechek(R) LP-65 Scale Inhibitor	Halliburton	Scale Inhibitor	Ammonium chloride	12125-02-9	10%	0.00317%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.04516%
			Ethoxylated nonylphenol	Confidential	60%	0.04516%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00049%
LOSURF-360	Halliburton	Surfactant	Complex Alkylamine	100545-50-4	5%	0.00616%
			Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy-	61827-42-7	30%	0.03699%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.04861%
			Monoethanolamine borate	26038-87-9	100%	0.16205%
Cla-Web(TM)	Halliburton	Additive	Ammonium salt	Confidential	60%	0.0325%
LCA-1	Halliburton	Solvent	Paraffinic solvent	Confidential	100%	0.03711%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00564%
			Walnut hulls	Mixture	100%	0.01882%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.22329%
HII-124C INTENSIFIER	Halliburton	Intensifier	Cuprous chloride	7758-89-6	100%	0.00699%
Ingredients Listed Below This Line Are Part of the			1,2-Benzisothiazolin-3-one	2634-33-5	0%	0%
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] -, trisodium salt	915-67-3	0%	0%
			Alkane	Confidential	0%	0%
			Amine salts	Confidential	0%	0%
			Amine salts	Confidential	0%	0%
			Bentonite, benzyl(hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%
			C.I. Pigment Red 5	6410-41-9	0%	0%
			Calcium chloride	10043-52-4	0%	0%
			Crystalline Silica, Quartz	14808-60-7	0%	0%
			Cured acrylic resin	Confidential	0%	0%
			Cured acrylic resin	Confidential	0%	0%
			Enzyme	Confidential	0%	0%
			Enzyme	Confidential	0%	0%
			Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	0%	0%
			Formaldehyde	50-00-0	0%	0%
			Methanol	67-56-1	0%	0%
			Organic phosphonate	Confidential	0%	0%
			Quaternary amine	Confidential	0%	0%
			Quaternary amine	Confidential	0%	0%
			Quaternary amine	Confidential	0%	0%
			Silica gel	112926-00-8	0%	0%
			Sodium bicarbonate	144-55-8	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Surfactant mixture	Confidential	0%	0%
			Surfactant mixture	Confidential	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: Tamarica N Stewart Title: Regulatory Technician

Date: 2/3/2015

E-mail Address: Tamarica.Stewart@conocophillips.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.