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 February 15, 2012

1. WELL API NO.
30-025-39766

2. Well Name:
MCA UNIT #480

3. Well Number:
480

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:O Lot:O Section:28 Township:17S Range:32E
Feet from:1310 N/S Line:S
Feet from:1995 E/W Line:E

5. Bottom Hole Location:
Unit:O Lot:O Section:28 Township:17S Range:32E
Feet from:1310 N/S Line:S
Feet from:1995 E/W Line:E

6. latitude: 32.8019014890928 longitude: -103.769375510334

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: 8/28/2013 Frac Performed by: Halliburton

12. Production Type:
I

13. Pool Code(s):
43329

14. Gross Fractured Interval:
3,858 ft to 3,932 ft

15. True Vertical Depth (TVD):
4,176 ft

16. Total Volume of Fluid Pumped:
38,350 gals

17. **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				100%	82.8803%
Premium White 16/30	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	12.49017%
CRC-16/30	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	3.65376%
			Hexamethylenetetramine	100-97-0	2%	0.07308%
			Phenol / formaldehyde resin	9003-35-4	5%	0.18269%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.03159%
			Monoethanolamine borate	26038-87-9	100%	0.10531%
ALDACIDE® G ANTIMICROBIAL	Halliburton	Biocide	Glutaraldehyde	111-30-8	30%	0.04604%
LoSurf-360W	Halliburton	Surfactant	Complex alkylamine	Confidential Business Information	5%	0.00355%
			Glycerine	56-81-5	10%	0.0071%
			Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy-	61827-42-7	30%	0.02129%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00356%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.08746%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.08746%
SCALECHEK LP-55 SCALE INHIBITOR	Halliburton	Scale Inhibitor	Polyacrylate	Confidential Business Information	60%	0.15066%
LCA-1	Halliburton	Solvent	Paraffinic solvent	Confidential Business Information	100%	0.0727%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.15548%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00272%
			Walnut hulls	Mixture	100%	0.00907%
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%
			2,7-Naphthalenedisulfonic acid, 5-(acetylamino) -4-hydroxy-3-[(2-methoxyphenyl) azo] -, disodium salt	6625-46-3	0%	0%
			Alkane	Confidential Business Information	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 Business Information	0%	0%
			Cured acrylic resin	Confidential Business Information	0%	0%
			Enzyme	Confidential Business Information	0%	0%
			Enzyme	Confidential Business Information	0%	0%
			Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	0%	0%
			Food red 10	3734-67-6	0%	0%
			Hydrogen peroxide	7722-84-1	0%	0%
			Methanol	67-56-1	0%	0%
			Nitrotriacetic acid, trisodium salt monohydrate	5064-31-3	0%	0%
			Silica gel	112926-00-8	0%	0%
			Sodium bicarbonate	144-55-8	0%	0%
			Sodium glycollate	2836-32-0	0%	0%
			Sodium hydroxide	1310-73-2	0%	0%
			Sodium sulfate	7757-82-6	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
			Surfactant mixture	Confidential Business Information	0%	0%
			Water	7732-18-5	0%	0%

18. 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: Rhonda S Rogers Title: Staff Regulatory Technician

Date: 10/10/2013

E-mail Address: rhonda.s.rogers@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.