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.
30-025-20200

2. Well Name:
VACUUM ABO UNIT #076

3. Well Number:
076

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:F Lot:F Section:26 Township:17S Range:35E
Feet from:2310 N/S Line:N
Feet from:2270 E/W Line:W

5. Bottom Hole Location:
Unit:F Lot:F Section:26 Township:17S Range:35E
Feet from:2310 N/S Line:N
Feet from:2270 E/W Line:W

6. latitude: 32.8067532593425 longitude: -103.429439517365

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: 3/26/2014 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
61780

14. Gross Fractured Interval:
8,489 ft to 8,514 ft

15. True Vertical Depth (TVD):
9,058 ft

16. Total Volume of Fluid Pumped:
91,537 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	Water	7732-18-5	100%	88.50796%
FERCHECK ACID 15%	Halliburton	Solvent	Hydrochloric acid	7647-01-0	10%	0.46807%
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	4.74286%
CRC SAND	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	1.12013%
			Hexamethylenetetramine	100-97-0	2%	0.0224%
			Phenol / formaldehyde resin	9003-35-4	5%	0.05601%
LoSurf-360W	Halliburton	Surfactant	Complex alkylamine	Confidential Business Information	5%	0.00363%
			Glycerine	56-81-5	10%	0.00725%
			Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy-	61827-42-7	30%	0.02176%
ALDACIDE® G ANTIMICROBIAL	Halliburton	Biocide	Glutaraldehyde	111-30-8	30%	0.01847%
Scalechek® LP-65 Scale Inhibitor	Halliburton	Scale Inhibitor	Ammonium chloride	12125-02-9	10%	0.00651%
CL-22 UC	Halliburton	Crosslinker	Potassium formate	590-29-4	60%	0.11784%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00629%
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.0026%
			Potassium metaborate	13709-94-9	60%	0.03115%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.04597%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.04597%
LCA-1	Halliburton	Solvent	Paraffinic solvent	Confidential Business Information	100%	0.12794%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.24341%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.01277%
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.01915%
			Crystalline silica, quartz	14808-60-7	30%	0.00575%
Ingredients Listed Below This Line Are Part of the			Acrylate polymer	Confidential Business Information	0%	0%
			Alkane	Confidential Business Information	0%	0%
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%
			Borate salts	Confidential Business Information	0%	0%
			Crystalline silica, quartz	14808-60-7	0%	0%
			Cured acrylic resin	Confidential Business Information	0%	0%
			Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	0%	0%
			Formaldehyde	50-00-0	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%
			Organic phosphonate	Confidential Business Information	0%	0%
			Silica gel	112926-00-8	0%	0%
			Sodium bicarbonate	144-55-8	0%	0%
			Sodium carboxymethyl cellulose	9004-32-4	0%	0%
			Sodium chloride	7647-14-5	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%

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: Rhonda S Rogers Title: Staff Regulatory Technician

Date: 6/6/2014

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.