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.
30-025-02932

2. Well Name:
EAST VACUUM (GSA) UNIT #049

3. Well Number:
049

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:A Lot:A Section:29 Township:17S Range:35E
Feet from:660 N/S Line:N
Feet from:660 E/W Line:E

5. Bottom Hole Location:
Unit:A Lot:A Section:29 Township:17S Range:35E
Feet from:660 N/S Line:N
Feet from:660 E/W Line:E

6. latitude: 32.8114867570038 longitude: -103.473492685352

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: 12/10/2014 Frac Performed by: J4

12. Production Type:
O

13. Pool Code(s):
62180

14. Gross Fractured Interval:
4,602 ft to 4,617 ft

15. True Vertical Depth (TVD):
4,691 ft

16. Total Volume of Fluid Pumped:
118,692 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)
20/40 Super LC	Santrol	Proppant	Quartz (SiO2)	14808-60-7	100%	6.09811%
100 Mesh	Santrol	Proppant	Quartz (SiO2)	14808-60-7	100%	6.11033%
Plexgel 907 EB	Chemplex	Gel -Guar Gum	Distillate, petroleum, hydrotreated light	64742-47-8	90%	0.04822%
			propylene pentamer	15220-87-8	6%	0.00321%
			c-11	1120-21-4	1%	0.00054%
			c-12	112-40-3	1%	0.00054%
			c-13	629-50-5	1%	0.00054%
			c-14	629-59-4	1%	0.00054%
Acitiplex 50	Chemplex	PH Buffer	Acitic Acid	64-19-7	100%	0.03159%
Plexsurf 0240E	Chemplex	Surfactant	Methyl Alcohol	67-56-1	50%	0.05942%
			2-Butoxyethanol	111-76-2	50%	0.05942%
Buffer 12	Chemplex	PH Buffer	potassium Hydroxide	1310-58-3	100%	0.03526%
Plexbor 101	Chemplex	Crosslinker	potassium Metaborate	13709-94-9	33%	0.04223%
			potassium Hydroxide	1310-58-3	33%	0.04223%
			Ethylene Glycol	107-21-1	33%	0.04223%
Plexgel Breaker 10L	Chemplex	Breaker	Non-MSDS	Proprietary	100%	0.03063%
Super Set W	Santrol	Activator	Methyl Alcohol	67-56-1	50%	0.2086%
			Polyethene glycol nonylphenyl ether	9016-45-9	50%	0.2086%
Plexcide 15G	Chemplex	Biocide	Tetrahydro -3, Dimethyl- 2H-1,3,5-thiadiazine-22thione	533-74-4	24%	0.01255%
			Sodium Hydroxide	1310-73-2	11%	0.00575%
BR-34B	Blue Ribbon	Breaker	Ammonium Persulfate	7727-54-0	76%	0.00357%
			Cured Resin	N/A	24%	0.00113%

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: 1/7/2015

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.