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.
30-025-40901

2. Well Name:
BUCK 17 FEDERAL #006H

3. Well Number:
006H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:O Lot:O Section:17 Township:26S Range:32E
Feet from:28 N/S Line:S
Feet from:2604 E/W Line:E

5. Bottom Hole Location:
Unit:O Lot:O Section:17 Township:26S Range:32E
Feet from:28 N/S Line:S
Feet from:2604 E/W Line:E

6. latitude: 32.0356487905619 longitude: -103.697035407871

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: 5/30/2013 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
97838

14. Gross Fractured Interval:
9,136 ft to 13,556 ft

15. True Vertical Depth (TVD):
8,845 ft

16. Total Volume of Fluid Pumped:
3,662,123 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%	55.11308%
HYDROCHLORIC ACID 10-30%	Halliburton		Hydrochloric acid	7647-01-0	30%	0.19038%
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	42.35691%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.03189%
			Monoethanolamine borate	26038-87-9	100%	0.10629%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.0399%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.02052%
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.0676%
LOSURF-360W, 330 GA	Halliburton	Non-ionic Surfactant	1,2,4 Trimethylbenzene	95-63-6	100%	0%
LCA-1	Halliburton	Solvent	Paraffinic solvent	Confidential Business Information	100%	0.00359%
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.02672%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	1.11781%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00747%
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.02316%
			Crystalline silica, quartz	14808-60-7	30%	0.00695%
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.08369%
K-35	Halliburton	Additive	Sodium carbonate	497-19-8	100%	0.00075%
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.0127%
Ingredients Listed Below This Line Are Part of the			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] -, trisodium salt	915-67-3	0%	0%
			Alcohols, C12-16, ethoxylated	68551-12-2	0%	0%
			Amine Salts	75-57-0	0%	0%
			Amine Salts	593-81-7	0%	0%
			Ammonium chloride	12125-02-9	0%	0%
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%
			Crystalline Silica, Quartz	14808-60-7	0%	0%
			Cured Acrylic Resin	Mixture	0%	0%
			Polyacrylamide Copolymer	62649-23-4	0%	0%
			Quaternary Amine	34004-36-9	0%	0%
			Quaternary Amine	3327-22-8	0%	0%
			Quaternary Amine	75-50-3	0%	0%
			Silica gel	112926-00-8	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Sodium sulfate	7757-82-6	0%	0%
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	0%	0%
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	0%	0%
			Surfactant Mixture	67254-71-1	0%	0%
			Surfactant Mixture	56449-46-8	0%	0%
			Tall oil acid diethanolamide	68155-20-4	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: 10/22/2013

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.