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. 30-045-35493
2. Well Name: PINON UNIT D14 2410 #001H
3. Well Number: 001H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☐ Original

☒ Amends disclosure submitted on 5/4/2015

4. Surface Hole Location:
Unit:D Lot:D Section:14 Township:24N Range:10W
Feet from:1321 N/S Line:N
Feet from:449 E/W Line:W

5. Bottom Hole Location:
Unit:B Lot: Section:16 Township:24N Range:10W
Feet from:928 N/S Line:N
Feet from:1576 E/W Line:E

6. latitude: 36.3176665791582 longitude: -107.87307643955

7. County: San Juan

8. Operator Name and Address:
ENCANA OIL & GAS (USA) INC.
370 17th Street, Suite 1700
Denver 80202

9. OGRID: 282327

10. Phone Number: 720-876-3989

11. Last Fracture Date: 3/12/2015 Frac Performed by: Baker Hughes

12. Production Type: G

13. Pool Code(s): 97232

14. Gross Fractured Interval: 5,908 ft to 12,323 ft

15. True Vertical Depth (TVD): 5,175 ft

16. Total Volume of Fluid Pumped: 17,644,348 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	Fresh Water	7732-18-5	100%	65.2492981%
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	31.9717121%
Cla-Web(TM)	Halliburton	Additive	Ammonium salt	Confidential	60%	0.0211189%
HC-2	Halliburton	Additive	Inner salt of alkyl amines	Confidential	30%	0.0058101%
			Sodium chloride	7647-14-5	30%	0.0058101%
BC-200 UC	Halliburton	Crosslinker	Modified alkane	Confidential	60%	0.0733959%
LGC-36 UC	Halliburton	Liquid Gel Concentrate	Guar gum	9000-30-0	60%	0.1622751%
			Naphtha, hydrotreated heavy	64742-48-9	60%	0.1622751%
LOSURF-300D	Halliburton	Non-ionic Surfactant	1,2,4 Trimethylbenzene	95-63-6	1%	0.0001449%
			Ethanol	64-17-5	60%	0.0086945%
			Heavy aromatic petroleum naphtha	64742-94-5	30%	0.0043472%
			Naphthalene	91-20-3	5%	0.0007245%
			Poly (oxy-1,2-ethanediyl), alpha-(4-nonylphenyl) -omega-hydroxy-, branched	127087-87-0	5%	0.0007245%
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.0010512%
			Potassium metaborate	13709-94-9	60%	0.0126139%
MC B-8630	Halliburton	Biocide	Acetone	67-64-1	40%	0.0065339%
			Glutaraldehyde	111-30-8	30%	0.0049005%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.0053842%
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.0053842%
			Crystalline silica, quartz	14808-60-7	30%	0.0016152%
BE-6 MICROBIOCIDE	Halliburton	Biocide	2-Bromo-2-nitro-1,3-propanediol	52-51-7	100%	0.0003571%
NITROGEN LIQUEFIED	Halliburton	Fluid	Nitrogen	7727-37-9	100%	2.2686644%
N/A		Other Ingredient(s)	2-Ethyl hexanol	104-76-7	0%	0.0012233%
N/A		Other Ingredient(s)	Amine salts	Confidential	0%	3.52E-05%
N/A		Other Ingredient(s)	Amine salts	Confidential	0%	3.52E-05%
N/A		Other Ingredient(s)	Borate salts	Confidential	0%	0.0733959%
N/A		Other Ingredient(s)	Butyl alcohol	71-36-3	0%	0.0001223%
N/A		Other Ingredient(s)	Crystalline silica, quartz	14808-60-7	0%	0.0003928%
N/A		Other Ingredient(s)	Cured acrylic resin	Confidential	0%	0.0016152%
N/A		Other Ingredient(s)	Fatty alcohol polyglycol ether surfactant	9043-30-5	0%	0.0027046%
N/A		Other Ingredient(s)	Glycerine	56-81-5	0%	0.0009684%
N/A		Other Ingredient(s)	Methanol	67-56-1	0%	0.0001713%
N/A		Other Ingredient(s)	Modified bentonite	Confidential	0%	0.0061163%
N/A		Other Ingredient(s)	Organic salt	Confidential	0%	0.0012233%
N/A		Other Ingredient(s)	Oxyalkylated phenolic resin	Confidential	0%	0.0014491%
N/A		Other Ingredient(s)	Oxyalkylated phenolic resin	Confidential	0%	0.0043472%
N/A		Other Ingredient(s)	Propylene carbonate	108-32-7	0%	0.0012233%
N/A		Other Ingredient(s)	Propylene glycol	57-55-6	0%	0.0012233%
N/A		Other Ingredient(s)	Quaternary amine	Confidential	0%	0.0017599%
N/A		Other Ingredient(s)	Quaternary amine	Confidential	0%	0.000352%
N/A		Other Ingredient(s)	Quaternary amine	Confidential	0%	3.52E-05%
N/A		Other Ingredient(s)	Quaternary ammonium compounds, bis (hydrogenated tallow alkyl) dimethyl,salts with bentonite	68953-58-2	0%	0.0135229%
N/A		Other Ingredient(s)	Sodium carbonate	497-19-8	0%	0.0366979%
N/A		Other Ingredient(s)	Sodium chloride	7647-14-5	0%	0.0017599%
N/A		Other Ingredient(s)	Sodium sulfate	7757-82-6	0%	5.4E-06%
N/A		Other Ingredient(s)	Water	7732-18-5	0%	0.0502535%

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: Brenda R Linster Title:

Date: 6/16/2015

E-mail Address: brenda.linster@encana.com

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