

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:
30-045-35534

2. Well Name:
ESCRITO L14 2408 #004H

3. Well Number:
004H

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒ Original
☐ Amendment

4. Surface Hole Location:
Unit:L Lot:L Section:14 Township:24N Range:08W
Feet from:1423 N/S Line:S
E/W Line:W

5. Bottom Hole Location:
Unit:L Lot: Section:15 Township:24N Range:08W
Feet from:1769 N/S Line:S
E/W Line:W

6. latitude: 36.3107186877706 longitude: -107.660445589557

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: 11/15/2014 Frac Performed by: Baker Hughes

12. Production Type:
O

13. Pool Code(s):
19859

14. Gross Fractured Interval:
5,832 ft to 10,292 ft

15. True Vertical Depth (TVD):
10,350 ft

16. Total Volume of Fluid Pumped:
1,056,287 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)
Water	Operator	Carrier	Water	7732-18-5	100%	61.1518931%
Alpha 1427	Baker Hughes	Biocide	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0067188%
X-Cide 725, tote	Baker Hughes	Biocide	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0206751%
GBW-5	Baker Hughes	Breaker	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0005934%
Enzyme G-III	Baker Hughes	Breaker	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0277046%
ClayCare, ClayTreat-2C, 330 gl tote	Baker Hughes	Clay Control	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0697857%
CI-27	Baker Hughes	Corrosion Inhibitor	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0001036%
FAW-22, 260 gal. tote	Baker Hughes	Foamer	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.2426789%
GW-3LDF	Baker Hughes	Gelling Agent	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.3607438%
Ferrotrol 300L	Baker Hughes	Iron Control	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.00022%
Ferrotrol 300L (Totes)	Baker Hughes	Iron Control	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.00022%
NE-900, drum	Baker Hughes	Non-emulsifier	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0624843%
Sand, Brown, 20/40	Baker Hughes	Proppant	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	32.36726%
Sand, Brown, 16/30	Baker Hughes	Proppant	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	5.294973%
ScaleSorb 3, (25# pail)	Baker Hughes	Scale Inhibitor	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.011867%
GasFlo G, 330 gal tote	Baker Hughes	Surfactant	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0549528%
Ingredients in Additive(s) (MSDS and non-MSDS)	Baker Hughes	See Trade Name(s) List	1-butoxy-2-propanol	5131-66-8	5%	0.0179412%
			2-Methyl-2-nitropropane-1,3-diol	77-49-6	1%	0.0002057%
			2-butoxy-1-propanol	15821-83-7	0.1%	0.0003589%
			Alconois, ethoxylated	68551-12-2	10%	0.005466%
			Amines, unsatd, alkyl, ethoxylated	68155-39-5	5%	0.002733%
			Amino Trimethylene Phosphonic Acid	6419-19-8	28%	0.0033051%
			Ammonium Alkyl Ether Sulfate	78330-26-4	10%	0.0241388%
			Ammonium Persulfate	7727-54-0	100%	0.0005902%
			Choline Chloride	67-48-1	75%	0.0520608%
			Citric Acid	77-92-9	60%	0.0002626%
			Crystalline Cristoballite	14464-46-1	1%	0.000118%
			Crystalline Silica (Quartz)	14808-60-7	100%	37.4619658%
			Crystalline Silica: Quartz	14808-60-7	5%	0.0179412%
			Diatomaceous Earth, Calcined	91053-39-3	74%	0.0087349%
			Didecyl Dimethyl Ammonium Chloride	7173-51-5	10%	0.0006683%
			Ethanol	64-17-5	5%	0.0003342%
			Ethoxylated Alcohol	68439-46-3	1%	0.0024139%
			Ethylene Glycol	107-21-1	1%	0.0024139%
			Fatty Acids	61790-12-3	30%	3.09E-05%
			Fatty Amide Derivative	70851-08-0	1%	0.0024139%
			Formaldehyde	50-00-0	1%	0.0026196%
			Glutaraldehyde	111-30-8	30%	0.0020049%
			Guar Gum	9000-30-0	60%	0.2152947%
			Hemicellulase	9025-56-3	3%	0.0008267%
			Enzyme Concentrate			
			Isopropanol	67-63-0	30%	0.0724163%
			Isotridecanol, ethoxylated	9043-30-5	5%	0.0179412%
			Methanol	67-56-1	60%	0.0351055%
			Mineral Oil	8042-47-5	70%	0.2511771%
			Nitromethane	75-52-5	1%	0.0002057%
			Olefin	64743-02-8	5%	5.2E-06%
			Oxyalkylated Alkylphenol	9016-45-9	10%	0.0062152%
			Paraffinic Petroleum Distillate	64742-55-8	30%	0.1076473%
			Petroleum Distillates	64742-47-8	30%	0.1076473%
			Phosphonic Acid	13598-36-2	1%	0.000118%
			Polyamines	68815-85-1	40%	0.0248607%
			Polyethylene glycol nonylphenyl ether	9016-45-9	15%	0.0081991%
			Polyoxyalkylenes	68951-67-7	30%	3.09E-05%
			Propargyl Alcohol	107-19-7	10%	1.03E-05%
			Quaternary Ammonium Compound	68424-85-1	5%	0.0003342%
			Sodium Chloride	7647-14-5	1%	0.0024144%
			Sodium Sulfate	7757-82-6	1%	0.0024139%
			Sodium Sulfonate	68439-57-6	30%	0.0724163%
			Sulfuric acid, monodecyl ester, sodium salt (1:1)	142-87-0	5%	0.0120694%
			Sulfuric acid, monohexyl ester, sodium salt (1:1)	2207-98-9	1%	0.0024139%
			Sulfuric acid, monooctyl ester, sodium salt (1:1)	142-31-4	5%	0.0120694%
			Thiourea Polymer	68527-49-1	30%	3.09E-05%
			Tris(hydroxymethyl) nitromethane	126-11-4	30%	0.0061695%
			Water	7732-18-5	97%	0.2813521%

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: 2/17/2015

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

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