

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 8, 2013

1. WELL API NO:
30-045-35527

2. Well Name:
LYBROOK M35 2308 #002H

3. Well Number:
002H

HYDRAULIC FRACTURING FLUID
DISCLOSURE
☒ Original
☐ Amendment

4. Surface Hole Location:
Unit:N Lot:N Section:35 Township:23N Range:08W
Feet from:344 O N/S Line:S
Feet from:1329 E/W Line:W

5. Bottom Hole Location:
Unit:N Lot: Section:2 Township:22N Range:08W
Feet from:345 N/S Line:S
Feet from:2246 E/W Line:W

6. latitude: 36.1770947557636 longitude: -107.655433068497

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: 11/27/2014 Frac Performed by: Baker Hughes

12. Production Type:
O

13. Pool Code(s):
1039

14. Gross Fractured Interval:
5,498 ft to 10,068 ft

15. True Vertical Depth (TVD):
10,128 ft

16. Total Volume of Fluid Pumped:
980,322 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%	97.7282443%
Alpha 1427	Baker Hughes	Biocide	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0083333%
X-Cide 725, tote	Baker Hughes	Biocide	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0181274%
GBW-5	Baker Hughes	Breaker	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0014587%
Enzyme G-I	Baker Hughes	Breaker	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0452318%
High Perm CRB	Baker Hughes	Breaker	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0047257%
BF-9L, 300 gal tote	Baker Hughes	Buffer	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.12057%
ClayCare, ClayTreat-2C, 330 gl tote	Baker Hughes	Clay Control	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.104099%
XLW-4	Baker Hughes	Crosslinker	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0944152%
XLW-4	Baker Hughes	Crosslinker	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0065152%
FAW-22, 260 gal. tote	Baker Hughes	Foamer	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.3687802%
GW-3LDF	Baker Hughes	Gelling Agent	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.4881296%
NE-900, drum	Baker Hughes	Non-emulsifier	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0985001%
ScaleSorb 3, (25# pail)	Baker Hughes	Scale Inhibitor	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.015672%
GasFlo G, 330 gal tote	Baker Hughes	Surfactant	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.088188%
Ingredients in Additive(s) (MSDS and non-MSDS)	Baker Hughes	See Trade Name(s) List	1-butoxy-2-propanol 2-Methyl-2-nitropropane-1,3-diol 2-butoxy-1-propanol Alcohols, ethoxylated Amines, unsatd. alkyl, ethoxylated Amino Trimethylene Phosphonic Acid Ammonium Alkyl Ether Sulfate Ammonium Persulfate Choline Chloride Crystalline Cristobalite Crystalline Silica (Quartz) Crystalline Silica: Quartz Diatomaceous Earth, Calcined Didecyl Dimethyl Ammonium Chloride Ethanol Ethoxylated Alcohol Ethylene Glycol Fatty Amide Derivative Formaldehyde Glutaraldehyde Glycerin Guar Gum Hemicellulase Enzyme Concentrate Hydrated Magnesium Silicate Isopropanol Isotridecanol, ethoxylated Methanol Mineral Oil Nitromethane Oxyalkylated Alkylphenol Paraffinic Petroleum Distillate Petroleum Distillates Phosphonic Acid Poly (Tetrafluoroethylene) Polyamines Polyethylene glycol nonylphenyl ether Potassium Carbonate Potassium Hydroxide Quaternary Ammonium Compound Sodium Chloride Sodium Sulfate Sodium Sulfonate Sodium Tetraborate Sulfuric acid, monodecyl ester, sodium salt (1:1) Sulfuric acid, monohexyl ester, sodium salt (1:1) Sulfuric acid, monoctyl ester, sodium salt (1:1) Tris(hydroxymethyl)nitromethane Vinylidene Chloride-Methyl Acrylate Polymer Water	5131-66-8 77-49-6 15821-83-7 68551-12-2 68155-39-5 6419-19-8 78330-26-4 7727-54-0 67-48-1 14464-46-1 14808-60-7 14808-60-7 91053-39-3 7173-51-5 64-17-5 68439-46-3 107-21-1 70851-08-0 50-00-0 111-30-8 8043-29-6 9000-30-0 9025-56-3 14807-96-6 67-63-0 9043-30-5 67-56-1 8042-47-5 75-52-5 9016-45-9 64742-55-8 64742-47-8 13598-36-2 9002-84-0 68815-65-1 9016-45-9 584-08-7 1310-58-3 68424-85-1 7647-14-5 7757-92-6 68439-57-6 1303-96-4 142-87-0 2207-98-9 142-31-4 126-11-4 25038-72-6 7732-18-5	5% 1% 0.1% 10% 5% 28% 10% 100% 75% 1% 1% 5% 5% 74% 10% 5% 30% 1% 1% 1% 1% 1% 30% 30% 1% 0.5% 40% 15% 60% 3% 1% 30% 5% 1% 1% 30% 25% 97%	0.0242061% 0.0001798% 0.0004841% 0.0087464% 0.0043732% 0.0043521% 0.0365752% 0.0061336% 0.0774333% 0.0001554% 0.0001564% 0.0242061% 0.011502% 0.0008265% 0.0004132% 0.0036575% 0.0036575% 0.0036575% 0.0038373% 0.0024795% 0.0250254% 0.2904732% 0.0013458% 4.69E-05% 0.1097257% 0.0242061% 0.0555466% 0.3388854% 0.0001798% 0.0097691% 0.1452366% 0.1452366% 0.0001564% 2.34E-05% 0.0390766% 0.0131196% 0.0717481% 0.035874% 0.0004132% 0.0036575% 0.0036575% 0.1097257% 0.0300305% 0.0182876% 0.0036575% 0.0182876% 0.0053936% 0.0011717% 0.5547666%

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: 3/10/2015

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

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