

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:
30-015-42113

2. Well Name:
SNAPPING 2 STATE #013H

3. Well Number:
013H

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☐ Original
☒ Amends disclosure submitted on 3/16/2015

4. Surface Hole Location:
Unit:N Lot:N Section:2 Township:26S Range:31E
Feet from 200 N/S Line:S
Feet from 2375 E/W Line:W

5. Bottom Hole Location:
Unit:N Lot:N Section:2 Township:26S Range:31E
Feet from 200 N/S Line:S
Feet from 2375 E/W Line:W

6. latitude:
32.0654059683948 longitude:
-103.749780033247

7. County:
Eddy

8. Operator Name and Address:
DEVON ENERGY PRODUCTION COMPANY, LP
333 W. Sheridan Avenue
Oklahoma City 73102

9. OGRID:
6137

10. Phone Number:
405-228-8588

11. Last Fracture Date:
11/12/2014 Fracs Performed by: Baker Hughes

12. Production Type:
O

13. Pool Code(s):
96954

14. Gross Fractured Interval:
Confidential

15. True Vertical Depth (TVD):
11,436 ft

16. Total Volume of Fluid Pumped:
5,713,176 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%	87.71124%
Sand, White, 40/70	Baker Hughes	Proppant	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	5.93068%
Black Ultra 30/50	Baker Hughes	Proppant	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	2.64991%
Sand, White, 100 mesh	Baker Hughes	Proppant	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	2.36802%
HCl, 5.1 - 7.5%	Baker Hughes	Acidizing	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.7655%
INFLO 72	Baker Hughes	Surface Tension Reducer	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.08354%
GW-4	Baker Hughes	Gelling Agent	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.05872%
BF-9L, 300 gal tote	Baker Hughes	Buffer	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.05665%
NE-35, 330 gal tote	Baker Hughes	Non-emulsifier	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.04754%
XLW-30G, tote	Baker Hughes	Crosslinker	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.03615%
XLW-4	Baker Hughes	Crosslinker	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.03011%
ClayCare, tote	Baker Hughes	Clay Control	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.01728%
Parasorb 5000, bag	Baker Hughes	Paraffin Inhibitor	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.01495%
GBW-5	Baker Hughes	Breaker	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.00711%
Ferrotrol 280L	Baker Hughes	Iron Control	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.00244%
High Perm CRB	Baker Hughes	Breaker	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.00148%
Cl-27	Baker Hughes	Corrosion Inhibitor	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.00131%
GW-4LDF	Baker Hughes	Gelling Agent	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.00088%
AG-12	Baker Hughes	Gelling Agent	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0008%
Ingredients shown above are subject to 29 CFR 1910			Crystalline Silica (Quartz)	14808-60-7	100%	8.2785%
			Crystalline Silica Quartz (SiO2)	14808-60-7	100%	2.64342%
			Water	7732-18-5	92.5%	0.92976%
			Guar Gum	9000-30-0	100%	0.05911%
			Hydrochloric Acid	7647-01-0	7.5%	0.03127%
			Potassium Carbonate	584-08-7	60%	0.03351%
			Furfuryl Alcohol	98-00-0	1%	0.02643%
			Isopropanol	67-63-0	30%	0.025%
			Polyethers	68815-65-6	30%	0.025%
			1-Propanesulfonic acid 2-methyl-2[(1-oxo-2-propenyl)amino] monosodium salt, polymer 2-propanemide	38193-60-1	30%	0.02109%
			Sulfuric acid diammonium salt	7783-20-2	30%	0.02109%
			Potassium Hydroxide	1310-58-3	30%	0.01695%
			Lixivie Mineral	1319-33-1	40%	0.01443%
			Choline Chloride	67-48-1	75%	0.01293%
			Organic Polyol	112-27-6	15%	0.0125%
			Nonionic glycol ester	68400-71-5	25%	0.01186%
			Potassium Formate	590-29-4	30%	0.01082%
			Diatomaceous Earth, Calcined (kieselguhr)	91053-39-3	70%	0.01044%
			Sodium Tetraborate	1303-96-4	30%	0.00801%
			Ammonium Persulfate	7727-54-0	100%	0.00586%
			Nonionic Alkoxylate	7056-25-0	10%	0.00833%
			Glycerin	8043-29-6	25%	0.00751%
			Propylene Glycol	57-55-6	15%	0.00711%
			Orange Terpene	68647-72-3	5%	0.00417%
			Sorbitan, mono-(9Z)-9-octadecenoate	1338-43-8	5%	0.00352%
			2-Propenoic acid 2methylpolymer,2methyl-2[(1-oxo-2-propenyl)amino] 1propanesulfonic acid monosodium	136793-29-8	5%	0.00352%
			Urea	57-13-6	5%	0.00352%
			Surfactant	6811-39-5	1.5%	0.0032%
			Mineral Oil	8042-47-5	70%	0.00285%
			2-Mercaptoethanol	60-24-2	100%	0.00243%
			Acetic acid ethenyl ester, polymer with ethene	24937-78-8	15%	0.00224%
			Diatomaceous Earth, Natural (kieselguhr)	61790-63-2	10%	0.00149%
			Sodium	94441-92-6	3%	0.00142%
			Octylmethylpropionate	12174-11-7	3%	0.00108%
			Clay	12174-11-7	3%	0.00108%
			Benzenesulfonic acid, hexadecyl(sulfofenoxyl)-, disodium salt	65143-89-7	2%	0.00095%
			Methanol	67-56-1	60%	0.00079%
			Cellulose	9004-32-4	2%	0.00072%
			Hydrotreated Light Distillate	64742-47-8	30%	0.0005%
			Acrylic Polymers	26006-22-4	60%	0.00048%
			Sodium laurimethylpropionate	14960-06-6	1%	0.00047%
			Fatty Acids	61790-12-3	30%	0.00039%
			Thioureac Polymer	83527-40-1	30%	0.00039%
			Polyoxyalkylenes	68951-67-7	30%	0.00039%
			Vinylidene Chloride-Methyl Acrylate Polymer	25038-72-6	25%	0.00037%
			Sodium bisulfate	7681-38-1	1%	0.00036%
			Crystalline Silica Quartz	14808-60-7	1%	0.00036%
			Acrylamide-acrylic acid copolymer, sulfonmethylnated	EPA Acct 108431	1%	0.00036%
			Sodium chloride	7647-14-5	1%	0.00036%
			Sodium formaldehyde bisulfate	870-72-4	1%	0.00036%
			Sodium glycolate	2836-32-0	1%	0.00036%
			Paraffinic Petroleum Distillate	64742-55-8	30%	0.0002%
			Crystalline Silica (Cristobalite)	14464-46-1	1%	0.00015%
			Propargyl Alcohol	107-19-7	10%	0.00013%
			Ammonium Hydroxide	1336-21-6	5%	0.00012%
			Cupric Chloride	7447-39-4	5%	0.00012%
			olefin	64743-02-3	5%	7E-05%
			Oxyalkylated Alkylphenol	9016-45-0	5%	4E-05%
			Fatty Acid Esters	67701-32-0	1.9%	2E-05%
			Hydrated Magnesium Silicate	14807-96-6	1%	1E-05%
			Poly (Tetrafluoroethylene)	9002-84-0	0.5%	1E-05%
			Sodium Chloride	7647-14-5	0.5%	1E-05%
			Xylene	1330-20-7	0.6%	0%
			diester of sulfosuccinic acid sodium salt	2673-22-5	0.5%	0%
			Fatty Acid Oxyalkylate	70142-34-6	0.2%	0%
			Formaldehyde	50-00-0	0.05%	0%
			Magnesium chloride	7786-30-3	0.001%	0%
			2-methyl-4-isothiazolin-3-one	2682-20-4	0.001%	0%
			5-Chloro-2-methyl-3(2H)-isothiazolone	26172-55-4	0.001%	0%
			Magnesium nitrate	10377-60-3	0.001%	0%

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
Date: 3/16/2015
E-mail Address: sara.cook@dmv.com

Printed Name: Sara Cook

Title: Regulatory Associate

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