

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.
30-015-41359

2. Well Name:
JRRITABLE 22 STATE COM #002H

3. Well Number:
002H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:B Lot:B Section:22 Township:25S Range:27E
Feet from:330 N/S Line:N
Feet from:1990 E/W Line:E

5. Bottom Hole Location:
Unit:B Lot:B Section:22 Township:25S Range:27E
Feet from:330 N/S Line:N
Feet from:1990 E/W Line:E

6. latitude: 32.1219165063882 longitude: -104.17592348498

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: 5/8/2015 Frac Performed by: FTSI

12. Production Type: O

13. Pool Code(s): 30216

14. Gross Fractured Interval: 7,900 ft to 12,075 ft

15. True Vertical Depth (TVD): 7,755 ft

16. Total Volume of Fluid Pumped: 3,718,386 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		80.6921137%
Hydrochloric Acid (HCl)	FTSI	Acid	Hydrogen Chloride	7647-01-0		0.4293063%
			Water	7732-18-5		0.7309043%
30/50 White	FTSI	Proppant	Silica, Quartz	14808-60-7		16.0700447%
20/40 Super LC	FTSI	Proppant	Crystalline Silica (quartz)	14808-60-7		1.7019561%
			Phenol-Formaldehyde Novolak Resin	9003-35-4		0.0877297%
			Hexamethylenetetramine	100-97-0		0.0175459%
			Potassium carbonate	594-06-7		0.0164377%
B-10	FTSI	High pH buffer	Potassium hydroxide	1310-58-3		0.0068491%
			Water	7732-18-5		0.0188349%
BXL-2	FTSI	Borate crosslinker	Sodium metaborate	10555-76-7		0.0086282%
			Boric acid	10043-35-3		0.0051769%
			Potassium hydroxide	1310-58-3		0.0041415%
			Water	7732-18-5		0.0259346%
BXL-3	FTSI	Crosslinker	Crystalline Silica, Quartz	14808-60-7		4.35E-05%
			Borate Salt	1319-33-1		0.0173907%
			Potassium Formate	590-29-4		0.013043%
			Hydrated aluminium-magnesium silicate (galygorskite)	12174-11-7		0.0021738%
			Sodium Sulfate	7757-82-6	0.1%	4.35E-05%
			Sodium Chloride	7647-14-5	0.1%	4.35E-05%
			Water	7732-18-5	60%	0.026086%
APB-1	FTSI	Gel breaker	Ammonium Persulfate	7727-54-0		0.0022989%
CI-150	FTSI	Acid Corrosion Inhibitor	Isopropanol	67-63-0		0.0006145%
			Dimethylformamide	68-12-2		0.0002048%
			Organic amine resin salt	Proprietary		0.0008145%
			Quaternary ammonium compound	Proprietary		0.0002048%
			Aromatic aldehyde	Proprietary		0.0002048%
			Ethylene Glycol	107-21-1		0.0006145%
			Water	7732-18-5		0.0001024%
			Fatty Acid	Proprietary		2E-06%
			Fatty Acid Salt	Proprietary		2E-06%
			Aliphatic alcohol	Proprietary		2E-06%
			Alkyene Oxide Block Polymer	Proprietary		0.0002048%
			Diethylene glycol	111-46-6		2.05E-05%
			Sodium chlorite	7758-19-2		0.0012292%
			Water	7732-18-5		0.0233541%
			Sodium hydroxide	1310-73-2		2E-07%
CS POLYBREAK Z10	FTSI	Polymer breaker	Tetrasodium EDTA	64-02-8		0.0011081%
			Sodium Hydroxide	1310-73-2		5.41E-05%
			Trisodium Nitrotriacetic acid	5064-31-3		5.41E-05%
			Ethylenediaminetriacetic acid, trisodium salt	19019-43-3		2.16E-05%
			Water	7732-18-5		0.0016217%
			Sodium formate	141-53-7		1.62E-05%
			Sodium glycolate	2836-32-0		4.05E-05%
			Iminodiacetate disodium salt	17593-73-6		5.4E-06%
KCLS-4	FTSI	Clay Control	Water	7732-18-5		0.0131408%
			Choline Chloride	67-48-1		0.032852%
			2-Butoxyethanol	117-76-2		0.0094583%
			2-Propanol	67-63-0		0.0015562%
			Dodecylbenzenesulfonic acid	27176-87-0		0.0007791%
			Water	7732-18-5		0.014024%
			Sulfuric Acid	7664-93-9		2.2E-06%
			Sulfur Dioxide	7446-09-5		2E-07%
			Benzene, C10-16 Alkyl	68648-87-3		6.5E-06%
			Derivatives	Proprietary		0.03%
			Unsulphonated Matter	Proprietary		4.4E-06%
Superset W	FTSI	Resin Coated Proppant Activator	Methanol	67-56-1		0.0090176%
			Poly(oxyethylene)nonylphenol ether	9016-45-9		0.0090176%
FRW-200	FTSI	Friction reducer	Petroleum distillate	64742-47-8		0.0068613%
			hydrotreated light Acrylamide P/W acrylic acid, ammonium salt	26100-47-0		0.0065974%
			Water	7732-18-5		0.0126671%
			Sorbitan Monooleate	1338-43-8		0.0007917%
			Alcohols (C12-C14), ethoxylated	68439-50-9		0.0010556%
			Alcohols (C12-C16), ethoxylated	68551-12-2		0.0010556%
			Alcohols (C10-C16), ethoxylated	68002-97-1		0.0010556%
			Acrylamide	79-06-1		2.84E-05%
			Deiswaved heavy paraffinic	64742-65-0		0.0003959%
			Ammonium Acrylate	10604-69-0		0.0001319%
			Ammonium Chloride	12125-02-9		0.0031668%
			Polyethylene glycol monooleate	9004-96-0		0.0007917%
			Alkylloxypolyethyleneoxyethanol	84133-50-6		0.0002639%
			Sorbitol Tetraoleate	61723-83-9		0.0005278%
			Copolymer of acrylamide and sodium acrylate	25987-30-8		0.0087086%
			Surfactant	Proprietary		0.0018473%
			Hydrotreated heavy paraffinic	64742-54-7		0.0013195%
			Isopropanol	67-63-0		7.92E-05%
LTB-1	FTSI	Breaker	Ammonium Persulfate	7727-54-0		0.0094583%
			Cured acrylic resin	Proprietary		0.0094583%
			Silica, Crystalline- Quartz	14808-60-7		0.0094583%
			Cured acrylic resin	Proprietary		0.0023646%
			Silica, Crystalline-Quartz	14808-60-7		0.0015133%
NE-100W	FTSI	Non-emulsifier	Methanol	67-56-1		0.0098742%
			2-Butoxyethanol	111-76-2		0.0065828%
			2-Propanol	67-63-0		0.0065828%
			Dodecylbenzenesulfonic acid	27176-87-0		0.0032914%
			Water	7732-18-5		0.0526626%
			Sulfuric Acid	7664-93-9		9.2E-06%
			Sulfur Dioxide	7446-09-5		9E-07%
			Benzene, C10-16 Alkyl	68648-87-3		2.76E-05%
			Derivatives	Proprietary		0.03%
			Unsulphonated Matter	Proprietary		1.84E-05%

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: Sara Cook

Title: Regulatory Associate

Date: 5/14/2015

E-mail Address: sara.cook@dvn.com

NMOC

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