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 February 15, 2012

1. WELL API NO.
30-015-41271

2. Well Name:
DELAWARE RANCH 13 EH FED COM #001H

3. Well Number:
001H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☐ Original

☒ Amends disclosure submitted on 7/24/2013

4. Surface Hole Location:
Unit:E Lot:E Section:13 Township:26S Range:28E
Feet from:2100 N/S Line:N
Feet from:95 E/W Line:W

5. Bottom Hole Location:
Unit:H Lot:H Section:13 Township:26S Range:28E
Feet from:2079 N/S Line:N
Feet from:337 E/W Line:E

6. latitude: 32.0440436018829 longitude: -104.048908990462

7. County:
Eddy

8. Operator Name and Address:
MEWBOURNE OIL CO
Po Box 5270
Hobbs 88241

9. OGRID: 14744

10. Phone Number: 575-393-5905

11. Last Fracture Date: 6/27/2013 Frac Performed by: Baker Hughes

12. Production Type:
O

13. Pool Code(s):
51010

14. Gross Fractured Interval:
8,265 ft to 8,314 ft

15. True Vertical Depth (TVD):
8,290 ft

16. Total Volume of Fluid Pumped:
2,448,558 gals

17. **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%	86.96663%
HCl, 5.1 - 7.5%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	7.5%	0.0556%
			Water	7732-18-5	92.5%	0.68567%
Activator, 330 gal tote	Baker Hughes	Activator	Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	70%	0.01829%
			Methanol	67-56-1	50%	0.01307%
GBW-5	Baker Hughes	Breaker	Ammonium Phosphate	7727-54-0	100%	0.00102%
Enzyme G-I	Baker Hughes	Breaker	No Hazardous Ingredients	NA	100%	0.02344%
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.02162%
			Water	7732-18-5	30%	0.00865%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00034%
			Methanol	67-56-1	60%	0.00068%
			Olefin	Trade Secret	5%	6E-05%
			Polyoxyalkylenes	Trade Secret	30%	0.00034%
			Propargyl Alcohol	107-19-7	10%	0.00011%
			Thiourea Polymer	68527-49-1	30%	0.00034%
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30%	0.01822%
			Sodium Hydroxide	1310-73-2	10%	0.00607%
			Sodium Tetraborate Decahydrate	1303-96-4	30%	0.01822%
MaxPerm-20A, 265 gallon tote	Baker Hughes	Friction Reducer	Aliphatic Hydrocarbon	Trade Secret	30%	0.00862%
			Oxyalkylated Alcohol	Trade Secret	5%	0.00144%
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.20038%
			Petroleum Distillate Blend	8042-47-5	70%	0.46754%
			Petrolum Distillate Blend	64742-55-8	70%	0.23377%
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.00282%
			Ammonium Hydroxide	1336-21-6	5%	0.00014%
			Cupric Chloride	7447-39-4	5%	0.00014%
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.04485%
			Propylene Glycol	57-55-6	30%	0.02691%
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	10.05955%
SB Excel 20/40	Baker Hughes	Proppant	Quartz (SiO2)	14808-60-7	100%	1.0083%
Scaletrol 720	Baker Hughes	Scale Inhibitor	Calcium Chloride	10043-52-4	5%	0.00154%
			Ethylene Glycol	107-21-1	30%	0.00926%
Ingredients shown above are subject to 29 CFR 1910			Anionic Terpolymer	Trade Secret	0%	0.0172322%
			EDTA	64-02-8	0%	1.44E-05%
			Formaldehyde	50-00-0	0%	5.7E-06%
			Hemicellulase Enzyme Concentrate	9025-56-3	0%	0.0007032%
			Inorganic Salt	7647-14-5	0%	0.001436%
			Oxyalkylated Fatty Acid Derivative	Trade Secret	0%	0.001436%
			Polyacrylate	Trade Secret	0%	0.0061708%
			Polyol Ester	Trade Secret	0%	0.001436%
			Potassium Chloride	7447-40-7	0%	1.54E-05%
			Sodium Chloride	7647-14-5	0%	1.49E-05%
			Water	7732-18-5	0%	0.0678949%

18. 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: NM Young Title: Manager

Date: 10/24/2013

E-mail Address: myoung@mewbourne.com

NMOCD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.