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. 30-015-39425
2. Well Name: DELAWARE RANCH 14 B2BO FEE #001H
3. Well Number: 001H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:B Lot:B Section:14 Township:26S Range:28E
Feet from:170 N/S Line:N
Feet from:1700 E/W Line:E

5. Bottom Hole Location:
Unit:O Lot:O Section:14 Township:26S Range:28E
Feet from:340 N/S Line:S
Feet from:1697 E/W Line:E

6. latitude: 32.0493553139352 longitude: -104.054757683092

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: 10/3/2014 Frac Performed by: Baker Hughes

12. Production Type: O

13. Pool Code(s): 51010

14. Gross Fractured Interval: 8,244 ft to 8,426 ft

15. True Vertical Depth (TVD): 8,245 ft

16. Total Volume of Fluid Pumped: 3,519,894 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%	86.25214%
HCl, 5.1 - 7.5%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	7.5%	0.04257%
Activator, 330 gal tote	Baker Hughes	Activator	Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	70%	0.02015%
			Methanol	67-56-1	50%	0.01439%
Alpha 125	Baker Hughes	Biocide	Glutaraldehyde	111-30-8	30%	0.0067%
GBW-5	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	100%	0.00147%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00031%
			Methanol	67-56-1	60%	0.00061%
			Olefin	Trade Secret	5%	5E-05%
			Polyoxyalkylenes	Trade Secret	30%	0.00031%
			Propargyl Alcohol	107-19-7	10%	0.0001%
			Thiourea Polymer	68527-49-1	30%	0.00031%
CI-14	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	10%	2E-05%
			Methanol	67-56-1	100%	0.00021%
			Olefin	Trade Secret	5%	1E-05%
			Polyoxyalkylenes	Trade Secret	30%	6E-05%
			Propargyl Alcohol	107-19-7	5%	1E-05%
FRW-18	Baker Hughes	Friction Reducer	Hydrotreated Light Distillate	64742-47-8	30%	0.02137%
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.00259%
			Ammonium Hydroxide	1336-21-6	5%	0.00013%
			Cupric Chloride	7447-39-4	5%	0.00013%
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Propylene Glycol	57-55-6	15%	0.00018%
Sand, White, 40/70	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	4.22059%
Sand, White, 100 mesh	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	8.11549%
Oil Plus	Baker Hughes	Proppant	Crystalline Silica: Quartz	14808-60-7	100%	0.6212%
Flo-Back 40, tote	Baker Hughes	Surfactant	Water	7732-18-5	80%	0.04039%
Ingredients shown above are subject to 29 CFR 1910			Alcohols, C12-16, ethoxylated	Trade Secret	0%	0.0014247%
			Ammonium Chloride	12125-02-9	0%	0.0021371%
			Benzenesulfonic acid, hexadecyl (sulfophenoxy)-, disodium salt	Trade Secret	0%	2.35E-05%
			Cocamidopropyl betaine	Trade Secret	0%	0.0100976%
			Cocamidopropylamide oxide	Trade Secret	0%	0.0100976%
			Formaldehyde	50-00-0	0%	2.6E-06%
			Glycerol	56-81-5	0%	0.0005049%
			Hydrochloric Acid	7647-01-0	0%	2.1E-06%
			Methanol	67-56-1	0%	5.59E-05%
			Modified Thiourea Polymer	68527-49-1	0%	1.49E-05%
			Nonionic glycol ester	Trade Secret	0%	0.0002942%
			Oleamide DEA	93-83-4	0%	0.0014247%
			Poly (acrylamide-co-acrylic acid) partial sodium salt	Trade Secret	0%	0.0213712%
			Polyoxythylene Sorbitan Monooleate	9005-65-6	0%	0.0003562%
			Sodium Chloride	7647-14-5	0%	0.0151515%
				Trade Secret	0%	0.0035619%
			Sodium lauriminodipropionate	Trade Secret	0%	1.18E-05%
			Sodium octylimodlpropionate	Trade Secret	0%	3.53E-05%
			Sorbitan Monooleate	Trade Secret	0%	0.0003562%
			Water	7732-18-5	0%	0.5706234%

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: NM Young Title: Manager

Date: 10/22/2014

E-mail Address: rterrell@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.