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.
30-015-39581

2. Well Name:
URSA 27 FEDERAL COM #001

3. Well Number:
001

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:M Lot:M Section:27 Township:18S Range:30E
Feet from:147 N/S Line:S
Feet from:223 E/W Line:W

5. Bottom Hole Location:
Unit:P Lot:P Section:27 Township:18S Range:30E
Feet from:683 N/S Line:S
Feet from:446 E/W Line:E

6. latitude: 32.7116219602963 longitude: -103.967682700115

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: 3/18/2014 Frac Performed by: Baker Hughes

12. Production Type:
O

13. Pool Code(s):
37920

14. Gross Fractured Interval:
8,357 ft to 8,385 ft

15. True Vertical Depth (TVD):
8,371 ft

16. Total Volume of Fluid Pumped:
1,438,290 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%	84.39483%
Activator, 330 gal tote	Baker Hughes	Activator	Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	70%	0.05209%
			Methanol	67-56-1	50%	0.03721%
Alpha 125	Baker Hughes	Biocide	Water	7732-18-5	75%	0.01766%
GBW-5	Baker Hughes	Breaker	Ammonium persulphate	7727-54-0	100%	0.00285%
Enzyme G HT-II	Baker Hughes	Breaker	Tryptone	73049-73-7	5%	0.00107%
			Water	7732-18-5	100%	0.02142%
			Yeast Extract	08013-01-2	5%	0.00107%
High Perm CRB	Baker Hughes	Breaker	Ammonium Persulphate	7727-54-0	100%	0.00317%
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30%	0.0209%
			Sodium Hydroxide	1310-73-2	10%	0.00697%
			Sodium Tetraborate Decahydrate	1303-96-4	30%	0.0209%
MaxPerm-20A, 265 gallon tote	Baker Hughes	Friction Reducer	Oxyalkylated Alcohol	Trade Secret	5%	0.00132%
			Petroleum Distillates	64742-47-8	30%	0.0079%
			Polyacrylate	Trade Secret	60%	0.0158%
			Sodium Chloride	7647-14-5	3%	0.00079%
GW-4	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	100%	0.19015%
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.0412%
			Propylene Glycol	57-55-6	30%	0.02472%
Sand, White, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	11.75726%
Sand, White, 100 mesh	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	0.70502%
SB Excel 20/40	Baker Hughes	Proppant	Quartz (SiO2)	14808-60-7	100%	2.6399%
Ingredients shown above are subject to 29 CFR 1910			Anitfoam	Trade Secret	0%	4.3E-06%
			Cured Resin	Trade Secret	0%	0.00076%
			Glutaraldehyde	111-30-8	0%	0.0070628%
			Glycerol	56-81-5	0%	0.0003213%
			Lactose	5989-81-1	0%	0.0002142%
			Methanol	67-56-1	0%	5.89E-05%
			Oleate Ester	1338-43-8	0%	0.00079%
			Polysorbate	9005-65-6	0%	0.00079%
			Sodium Chloride	7647-14-5	0%	1.07E-05%
			Soy	8002-43-5	0%	8.6E-06%
			Water	7732-18-5	0%	0.0257857%

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: 4/28/2014

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.