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.
30-015-41017

2. Well Name:
WILSON #003

3. Well Number:
003

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:J Lot:J Section:2 Township:17S Range:31E
Feet from:2310 N/S Line:S
Feet from:1575 E/W Line:E

5. Bottom Hole Location:
Unit:J Lot:J Section:2 Township:17S Range:31E
Feet from:2310 N/S Line:S
Feet from:1575 E/W Line:E

6. latitude: 32.8627197253375 longitude: -103.836965893253

7. County:
Eddy

8. Operator Name and Address:
ALAMO PERMIAN RESOURCES, LLC
415 W. Wall Street, Suite 500
Midland 79701

9. OGRID: 274841

10. Phone Number: 432-897-0673

11. Last Fracture Date: 9/7/2013 Frac Performed by: BAKER HUGHES

12. Production Type:
O

13. Pool Code(s):
28509

14. Gross Fractured Interval:
2,375 ft to 2,670 ft

15. True Vertical Depth (TVD):
3,842 ft

16. Total Volume of Fluid Pumped:
56,994 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%	67.07213%
X-Cide 207	Baker Hughes	Biocide	2-Methyl-4-Isothiazolin-3-One	2682-20-4	5%	0.00021%
			5-Chloro-2-Methyl-4-Isothiazolin-3-One	26172-55-4	10%	0.00042%
			Crystalline Silica: Cristobalite	14464-46-1	1%	4E-05%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	4E-05%
			Diatomaceous Earth, Calcined	91053-39-3	60%	0.00254%
			Magnesium Chloride	7786-30-3	5%	0.00021%
			Magnesium Nitrate	10377-60-3	10%	0.00042%
Enzyme G-III	Baker Hughes	Breaker	Contains non-hazardous ingredents which are listed in in the non-MSDS section of the report	NA	0%	0%
Potassium Chloride	Baker Hughes	Clay Control	Potassium Chloride	7447-40-7	100%	0.98801%
FAW-22	Baker Hughes	Foamer	Alkyl Sulfate (1 of 3)	Trade Secret	1%	0.00219%
			Alkyl Sulfate (2 of 3)	Trade Secret	1%	0.00219%
			Alkyl Sulfate (3 of 3)	Trade Secret	1%	0.00219%
			Ammonium Alkyl Ether Sulfate	Trade Secret	10%	0.0219%
			Isopropanol	67-63-0	30%	0.0657%
			Sodium Sulfonate	68439-57-6	30%	0.0657%
FAW-22, 260 gal. tote	Baker Hughes	Foamer	Alkyl Sulfate (1 of 3)	Trade Secret	1%	0.00122%
			Alkyl Sulfate (2 of 3)	Trade Secret	1%	0.00122%
			Alkyl Sulfate (3 of 3)	Trade Secret	1%	0.00122%
			Ammonium Alkyl Ether Sulfate	Trade Secret	10%	0.01215%
			Isopropanal	67-63-0	30%	0.03645%
			Sodium Sulfonate	68439-57-6	30%	0.03645%
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.18397%
			Petroleum Distillate Blend (1)	64742-47-8	70%	0.21463%
			Petroleum Distillate Blend (3)	8042-47-5	70%	0.21463%
			Petroluem Distillate Blend (2)	64742-55-8	70%	0.21463%
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.03649%
			Propylene Glycol	57-55-6	30%	0.02189%
Sand, Brown, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	30.09805%
Scaletrol 720	Baker Hughes	Scale Inhibitor	Calcium Chloride	10043-52-4	5%	0.00182%
			Ethylene Glycol	107-21-1	30%	0.01092%
Paravan 28, 260 gallon tote	Baker Hughes	Solvent	Citrus Terpenes	94266-47-4	70%	0.19021%
			Terpene Hydrocarbon	68956-56-9	50%	0.13586%
Flo-Back 40	Baker Hughes	Surfactant	Amphoteric Surfactant	Trade Secret	40%	0.01277%
Flo-Back 40, tote	Baker Hughes	Surfactant	Amphoteric Surfactant	Trade Secret	40%	0.01999%
Ingredients shown above are subject to 29 CFR 1910			Ethoxylated Alcohol	Trade Secret	0%	0.003405%
			Ethylene Glycol	107-21-1	0%	0.003405%
			Fatty Amide Derivative	70851-08-0	0%	0.003405%
			Formaldehyde	50-00-0	0%	0.003405%
			Hemicellulase Enzyme Concentrate	9025-56-3	0%	6.47E-05%
			Polyacrylate	Trade Secret	0%	0.0072822%
			Potassium Chloride	7447-40-7	0%	1.82E-05%
			Sodium Chloride	7647-14-5	0%	0.0279921%
			Sodium Sulfate	7757-82-6	0%	0.003405%
			Water	7732-18-5	0%	0.2791334%

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: CARIE A STOKER Title: REGULATORY AFFAIRS COORDINATOR

Date: 9/10/2013

E-mail Address: carie@stokeroilfield.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.