

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:
30-015-41078

2. Well Name:
KEMPER STATE #002

3. Well Number:
002

4. Surface Hole Location:
Unit:E Lot:E Section:16 Township:18S Range:29E
Feet from:2310 N/S Line:N
Feet from:480 E/W Line:W

5. Bottom Hole Location:
Unit:E Lot:E Section:16 Township:18S Range:29E
Feet from:2310 N/S Line:N
Feet from:480 E/W Line:W

6. Latitude: 32.7483225263509 Longitude: -104.086780520721

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: 6/5/2013 Frac Performed by: BAKER HUGHES

12. Production Type:
O

13. Pool Code(s):
39520

14. Gross Fractured Interval:
2,918 ft to 2,995 ft

15. True Vertical Depth (TVD):
2,995 ft

16. Total Volume of Fluid Pumped:
587 bbls

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%	69.16477%
HCl, 7.6 - 10%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	10%	0.32788%
			Water	7732-18-5	90%	2.95094%
X-Cide 207	Baker Hughes	Biocide	2-Methyl-4-Isothiazolin-3-One	2682-20-4	5%	0.0004%
			5-Chloro-2-Methyl-4-Isothiazolin-3-One	26172-55-4	10%	0.00081%
			Crystalline Silica: Cristobalite	14464-46-1	1%	8E-05%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	8E-05%
			Diatomaceous Earth, Calcined	91053-39-3	60%	0.00485%
			Magnesium Chloride	7786-30-3	5%	0.0004%
			Magnesium Nitrate	10377-60-3	10%	0.00081%
Enzyme G-III	Baker Hughes	Breaker	No Hazardous Ingredients	NA	100%	0.17394%
Potassium Chloride	Baker Hughes	Clay Control	Potassium Chloride	7447-40-7	100%	3.33105%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.0015%
			Methanol	67-56-1	60%	0.003%
			Olefin	Trade Secret	5%	0.00025%
			Polyoxyalkylenes	Trade Secret	30%	0.0015%
			Propargyl Alcohol	107-19-7	10%	0.0005%
			Thiourea Polymer	68527-49-1	30%	0.0015%
FAW-22, 260 gal. tote	Baker Hughes	Foamer	Alkyl Sulfate (1 of 3)	Trade Secret	1%	0.00377%
			Alkyl Sulfate (2 of 3)	Trade Secret	1%	0.00377%
			Alkyl Sulfate (3 of 3)	Trade Secret	1%	0.00377%
			Ammonium Alkyl Ether Sulfate	Trade Secret	10%	0.03772%
			Isopropanal	67-63-0	30%	0.11317%
			Sodium Sulfonate	68439-57-6	30%	0.11317%
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	60%	0.23764%
			Paraffinic Petroleum Distillate	64742-55-8	60%	0.23764%
			Petroleum Distillate	64742-47-8	60%	0.23764%
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.01236%
			Ammonium Hydroxide	1336-21-6	5%	0.00062%
			Cupric Chloride	7447-39-4	5%	0.00062%
NE-23, 55 gallon drum	Baker Hughes	Non-emulsifier	Isopropanol	67-63-0	30%	0.00258%
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier	Mixture of Surfactants	Trade Secret	50%	0.03788%
			Propylene Glycol	57-55-6	30%	0.02273%
PK-241	Baker Hughes	PPS	Propane-1, 2-Diol	57-55-6	100%	0.04354%
Sand, Brown, 20/40	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	22.25176%
Scaletrol 720	Baker Hughes	Scale Inhibitor	Calcium Chloride	10043-52-4	5%	0.00134%
			Ethylene Glycol	107-21-1	30%	0.00801%
Paravan 28, 260 gallon tote	Baker Hughes	Solvent	Citrus Terpenes	94266-47-4	70%	0.10344%
			Terpene Hydrocarbon	68956-56-9	50%	0.07389%
Flo-Back 40	Baker Hughes	Surfactant	Amphoteric Surfactant	Trade Secret	40%	0.02913%
Ingredients shown above are subject to 29 CFR 1910			Benzyl Chloride	100-44-7	0%	8.59E-05%
			Ethoxylated Alcohol	Trade Secret	0%	0.0037722%
			Ethoxylated Nonylphenol	9016-45-9	0%	0.0004295%
			Ethylene Glycol	107-21-1	0%	0.0037722%
			Fatty Amide Derivative	70851-08-0	0%	0.0037722%
			Formaldehyde	50-00-0	0%	0.0037972%
			Glycol Ether	Trade Secret	0%	0.0004295%
			Hemicellulase Enzyme Concentrate	9025-56-3	0%	0.0001739%
			Olefin Sulfonate	Trade Secret	0%	0.005154%
			Polyacrylate	Trade Secret	0%	0.0053415%
			Polyester	Trade Secret	0%	0.0012885%
			Potassium Chloride	7447-40-7	0%	1.34E-05%
			Quaternary Amine Compounds	Trade Secret	0%	0.002577%
			Sodium Chloride	7647-14-5	0%	0.0256511%
			Sodium Sulfate	7757-82-6	0%	0.0037722%
			Water	7732-18-5	0%	0.3995422%

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

REGULATORY AFFAIRS

Title: COORDINATOR

Date: 6/10/2013

E-mail Address: cstoker@helmsoil.com

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