

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:
30-015-40104

2. Well Name:
SKELLY UNIT #699

3. Well Number:
699

HYDRAULIC FRACTURING FLUID
DISCLOSURE

☒ Original
☐ Amendment

4. Surface Hole Location:
Unit:D Lot:D Section:21 Township:17S Range:31E
Feet from:830 N/S Line:N
Feet from:990 E/W Line:W

5. Bottom Hole Location:
Unit:D Lot:D Section:21 Township:17S Range:31E
Feet from:830 N/S Line:N
Feet from:990 E/W Line:W

6. latitude: 32.825031307615 longitude: -103.880097007138

7. County: Eddy

8. Operator Name and Address:
CHEVRON U S A INC
Attn: Sandy Stedman-Daniel
P.O. Box 2100
Houston 77252

9. OGRID: 4323

10. Phone Number: 505-333-1941

11. Last Fracture Date: 6/5/2012 Frac Performed by: Baker Hughes

12. Production Type:
O

13. Pool Code(s):
26770

14. Gross Fractured Interval:
3,597 ft to 4,512 ft

15. True Vertical Depth (TVD):
6,100 ft

16. Total Volume of Fluid Pumped:
504,420 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%	83.96457%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.26779%
Activator, 330 gal tote	Baker Hughes	Activator	Water	7732-18-5	85%	1.51749%
			Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	70%	0.02197%
X-Cide 207	Baker Hughes	Biocide	Methanol	67-56-1	50%	0.01569%
			2-Methyl-4-Isothiazolin-3-One	2682-20-4	5%	0.00017%
			5-Chloro-2-Methyl-4-Isothiazolin-3-One	26172-55-4	10%	0.00034%
			Crystalline Silica: Cristobalite	14464-46-1	1%	3E-05%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	3E-05%
			Diatomaceous Earth, Calcined	91053-39-3	60%	0.00201%
			Magnesium Chloride	7786-30-3	5%	0.00017%
			Magnesium Nitrate	10377-60-3	10%	0.00034%
			Ammonium Persulfate	7727-54-0	100%	0.00399%
			Hemicellulase Enzyme Concentrate	9025-56-3	3%	0.00112%
CI-27	Baker Hughes	Corrosion Inhibitor	Water	7732-18-5	97%	0.03633%
			Fatty Acids	Trade Secret	30%	0.00044%
			Methanol	67-56-1	60%	0.00089%
			Olefin	Trade Secret	5%	7E-05%
			Polyoxyalkylenes	Trade Secret	30%	0.00044%
XLW-10A	Baker Hughes	Crosslinker	Propargyl Alcohol	107-19-7	10%	0.00015%
			Ethylene Glycol	107-21-1	30%	0.0217%
			Sodium Hydroxide	1310-73-2	10%	0.00723%
BioSealers MR	Baker Hughes	Degradable Sealers	Sodium Tetraborate	1330-43-4	30%	0.0217%
FRW-14 (Small Tote)	Baker Hughes	Friction Reducer	Non-Hazardous Ingredient	Trade Secret	100%	0.00208%
GW-4LDF	Baker Hughes	Gelling Agent	No Hazardous Ingredients	N.A.	100%	0.00467%
Ferrotrol 280L	Baker Hughes	Iron Control	Guar Gum	9000-30-0	40%	0.16224%
			Petroleum Distillates Blend	Trade Secret	70%	0.28391%
NE-945, tote	Baker Hughes	Non-emulsifier	2-Mercaptoethanol	60-24-2	100%	0.01026%
			Ammonium Hydroxide	1336-21-6	5%	0.00051%
Sand, White, 16/30	Baker Hughes	Proppant	Cupric Chloride	7447-39-4	5%	0.00051%
			Oxyalkylated alcohol	Trade Secret	5%	0.00422%
SiberProp, 16/30	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	11.17956%
Scaletrol 721, tote	Baker Hughes	Scale Inhibitor	Quartz (SiO2)	14808-60-7	100%	2.11461%
ES-4A, Greenskeeper Solvent	Baker Hughes	Solvent	Diethylene Glycol	111-46-6	1%	0.00038%
			Ethylene Glycol	107-21-1	15%	0.00576%
InFlo 250G, 330 gl tote	Baker Hughes	Surfactant	Synthetic Polymer	Trade Secret	15%	0.00576%
Ingredients shown above are subject to 29 CFR 1910			Petroleum Distillates Blend	Trade Secret	100%	0.02505%
			Methanol	67-56-1	30%	0.02517%
			Mixture of Surfactants	Trade Secret	50%	0.04195%
			Water	7732-18-5	30%	0.02517%
			Alcohols, C12-14, Ethoxylated Propoxylated	68439-51-0	0%	0.0202795%
			Aliphatic Hydrocarbon	Trade Secret	0%	0.0010885%
			Alkoxylated Amine	Trade Secret	0%	0.0084384%
			Alkyene Oxide Block Polymer	Trade Secret	0%	0.0096198%
			Antifoam	Trade Secret	0%	1.69E-05%
			Crystalline Silica, Quartz	14808-60-7	0%	0.0202795%
			Formaldehyde	50-00-0	0%	7.4E-06%
			Isotridecanol, Ethoxylated (TDA-6)	9043-30-5	0%	0.0202795%
			Isotridecanol, Ethoxylated (TDA-9)	9043-30-5	0%	0.0202795%
			Maleic Anhydride Terpolymer	113221-69-5	0%	0%
			Modified Thiourea Polymer	68527-49-1	0%	0.0001631%
			Organic Sulfonic Acid	27176-87-0	0%	0.0001688%
			Oxyalkylated Alcohol	Trade Secret	0%	8.41E-05%
			Polyacrylate	111560-38-4	0%	0%
			Polyglycol	25322-68-3	0%	0.0016033%
			Polyglycol Ester	Trade Secret	0%	3.74E-05%
			Polyol Ester	Trade Secret	0%	5.14E-05%
			Polyquaternary Amine	Trade Secret	0%	0.0010126%
			Quaternary Ammonium Compounds bis [Hydrogenated Tallow Alkyl] Dimethyl Salts With Bentonite	68953-58-2	0%	0.0202795%
			Sodium Carboxylate	18016-19-8	0%	0%
			Sodium Chloride	7647-14-5	0%	0.0001943%
			Vinyl Copolymer	Trade Secret	0%	0.0012894%
			Water	7732-18-5	0%	0.098343%

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
Date: 11/25/2013
E-mail Address: seof@chevron.com

Printed Name: Cindy Herrera-Murillo

Title: Permitting Specialist

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