

**State of New Mexico
Energy, Minerals and
Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505**

1. WELL API NO.
30-015-378402. Well Name:
SKELLY UNIT #6143. Well Number:
614**HYDRAULIC FRACTURING FLUID DISCLOSURE** Original Amendment4. Surface Hole Location:
Unit:J Lot:J Section:23 Township:17S Range:31E
Feet from:2400 N/S Line:S
Feet from:2290 E/W Line:E5. Bottom Hole Location:
Unit:J Lot:J Section:23 Township:17S Range:31E
Feet from:2400 N/S Line:S
Feet from:2290 E/W Line:E6. Latitude: 32.8194610553456 Longitude: -
103.8392230859867. County:
Eddy8. Operator Name and Address:
COG OPERATING LLC
550 W TEXAS
SUITE 1300
MIDLAND 797019. OGRID:
22913710. Phone
Number:

11. Last Fracture Date: 3/27/2012 Frac Performed by: Baker Hughes

12. Production Type:
O13. Pool Code(s):
2677014. Gross Fractured Interval:
5,150 ft to 6,560 ft15. True Vertical Depth (TVD):
7,025 ft16. Total Volume of Fluid Pumped:
13,530 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%	85.51541%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.2421%
			Water	7732-18-5	85%	1.37189%
Activator, 330 gal tote	Baker Hughes	Activator	Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	70%	0.01521%
			Methanol	67-56-1	50%	0.01086%
X-Cide 207	Baker Hughes	Biocide	2-Methyl-4-Isothiazolin-3-One	2682-20-4	5%	0.00015%
			5-Chloro-2-Methyl-4-Isothiazolin-3-One	26172-55-4	10%	0.0003%
			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%	0.00182%
			Magnesium Chloride	7786-30-3	5%	0.00015%
			Magnesium Nitrate	10377-60-3	10%	0.0003%
GBW-5	Baker Hughes	Breaker	Ammonium Persulfate	7727-54-0	100%	0.00451%
Enzyme G-I	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	9025-56-3	3%	0.00112%
			Water	7732-18-5	97%	0.0362%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.00048%
			Methanol	67-56-1	60%	0.00097%
			Olefin	Trade Secret	5%	8E-05%
			Polyoxyalkylenes	Trade Secret	30%	0.00048%
			Propargyl Alcohol	107-19-7	10%	0.00016%
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30%	0.02104%
			Sodium Hydroxide	1310-73-2	10%	0.00701%
			Sodium Tetraborate	1330-43-4	30%	0.02104%
BioSealers MR	Baker Hughes	Degradable Sealers	Non-Hazardous Ingredient	Trade Secret	100%	0.00188%
FRW-14 (Small Tote)	Baker Hughes	Friction Reducer	No Hazardous Ingredients	N.A.	100%	0.00471%
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	40%	0.11711%
			Petroleum Distillates Blend	Trade Secret	70%	0.20495%
Ferotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.00944%
			Ammonium Hydroxide	1336-21-6	5%	0.00047%
			Cupric Chloride	7447-39-4	5%	0.00047%
NE-945, tote	Baker Hughes	Non-emulsifier	Oxyalkylated alcohol	Trade Secret	5%	0.00398%
Sand, White, 16/30	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	10.12857%
SiberProp, 16/30	Baker Hughes	Proppant	Quartz (SiO2)	14808-60-7	100%	1.93121%
Scaletrol 721, tote	Baker Hughes	Scale Inhibitor	Diethylene Glycol	111-46-6	1%	0.00027%
			Ethylene Glycol	107-21-1	15%	0.00402%
			Synthetic Polymer	Trade Secret	15%	0.00402%
ES-4A, Greenskeeper Solvent	Baker Hughes	Solvent	Petroleum Distillates Blend	Trade Secret	100%	0.01258%
InFlo 250W	Baker Hughes	Surfactant	2-Butoxyethanol	111-76-2	5%	0.00379%
			Methanol	67-56-1	30%	0.02275%
			Surfactants	Trade Secret	80%	0.06068%

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: Chasity Jackson Title: Regulatory Analyst

Date: 5/17/2012

E-mail Address: cjackson@conchoresources.com

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