

**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.  
30-015-396682. Well Name:  
DODD FEDERAL UNIT #6143. Well Number:  
614**HYDRAULIC FRACTURING FLUID DISCLOSURE** Original Amended4. Surface Hole Location:  
Unit:G Lot:G Section:14 Township:17S Range:29E  
Feet from:2103 N/S Line:N  
Feet from:1967 E/W Line:E5. Bottom Hole Location:  
Unit:G Lot:G Section:14 Township:17S Range:29E  
Feet from:2103 N/S Line:N  
Feet from:1967 E/W Line:E

6. Latitude: 32.8361136413514 longitude: 104.043286611999

7. County:  
Eddy8. Operator Name and Address:  
COG OPERATING LLC  
550 W TEXAS  
SUITE 1300  
MIDLAND 797019. OGRID:  
22913710. Phone  
Number:

11. Last Fracture Date: 2/6/2012 Frac Performed by: Baker Hughes

12. Production Type:  
O13. Pool Code(s):  
2850914. Gross Fractured Interval:  
4,110 ft to 4,360 ft15. True Vertical Depth (TVD):  
4,575 ft16. Total Volume of Fluid Pumped:  
2,753 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%	85.90149%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Hydrochloric Acid	7647-01-0	15%	0.25842%
			Water	7732-18-5	85%	1.46438%
Activator, 330 gal tote	Baker Hughes	Activator	Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	70%	0.03013%
			Methanol	67-56-1	50%	0.02152%
X-Cide 207	Baker Hughes	Biocide	2-Methyl-4-Isothiazolin-3-One	2682-20-4	5%	0.00027%
			5-Chloro-2-Methyl-4-Isothiazolin-3-One	26172-55-4	10%	0.00053%
			Crystalline Silica: Cristobalite	14464-46-1	1%	5E-05%
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1%	5E-05%
			Diatomaceous Earth, Calcined	91053-39-3	60%	0.00321%
			Magnesium Chloride	7786-30-3	5%	0.00027%
			Magnesium Nitrate	10377-60-3	10%	0.00053%
GBW-5	Baker Hughes	Breaker	Ammonium Persulfate	7727-54-0	100%	0.00891%
Enzyme G-I	Baker Hughes	Breaker	Hemicellulase Enzyme Concentrate	9025-56-3	3%	0.0012%
			Water	7732-18-5	97%	0.03891%
ClayCare, tote	Baker Hughes	Clay Control	Choline Chloride	67-48-1	75%	0.03951%
			Water	7732-18-5	30%	0.01581%
CI-27	Baker Hughes	Corrosion Inhibitor	Fatty Acids	Trade Secret	30%	0.0004%
			Methanol	67-56-1	60%	0.00079%
			Olefin	Trade Secret	5%	7E-05%
			Polyoxyalkylenes	Trade Secret	30%	0.0004%
XLW-10A	Baker Hughes	Crosslinker	Propargyl Alcohol	107-19-7	10%	0.00013%
			Ethylene Glycol	107-21-1	30%	0.02891%
			Sodium Hydroxide	1310-73-2	10%	0.00964%
BioSealers MR	Baker Hughes	Degradable Sealers	Sodium Tetraborate	1330-43-4	30%	0.02891%
			Non-Hazardous Ingredient	Trade Secret	100%	0.00214%
GW-4LDF	Baker Hughes	Gelling Agent	Guar Gum	9000-30-0	40%	0.14352%
			Petroleum Distillates Blend	Trade Secret	70%	0.25116%
Ferrotrol 280L	Baker Hughes	Iron Control	2-Mercaptoethanol	60-24-2	100%	0.00982%
			Ammonium Hydroxide	1336-21-6	5%	0.00049%
			Cupric Chloride	7447-39-4	5%	0.00049%
NE-118, 55 gal drum	Baker Hughes	Non-emulsifier	Aromatic Hydrocarbon Solvent	64742-94-5	35%	0.00045%
			Isopropyl Alcohol	67-63-0	65%	0.00083%
			Naphthalene	91-20-3	5%	6E-05%
			Xylene	1330-20-7	5%	6E-05%
NE-945, tote	Baker Hughes	Non-emulsifier	Oxyalkylated alcohol	Trade Secret	5%	0.00443%
Sand, Brown, 16/30	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100%	10.2344%
SiberProp, 16/30	Baker Hughes	Proppant	Quartz (SiO2)	14808-60-7	100%	1.34724%
Scaletrol 721, tote	Baker Hughes	Scale Inhibitor	Diethylene Glycol	111-46-6	1%	0.00049%
			Ethylene Glycol	107-21-1	15%	0.00739%
			Synthetic Polymer	Trade Secret	15%	0.00739%
ES-4A, Greenskeeper Solvent	Baker Hughes	Solvent	Petroleum Distillates Blend	Trade Secret	100%	0.06342%
InFlo 250W	Baker Hughes	Surfactant	2-Butoxyethanol	111-76-2	5%	0.00312%
			Methanol	67-56-1	30%	0.01872%
			Surfactants	Trade Secret	80%	0.04992%

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 AnalystDate: 5/16/2012E-mail Address: cjackson@conchoresources.com

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