

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 8, 2013		
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		1. WELL API NO: 30-015-41819				
		2. Well Name: SCOTER 6 FEDERAL #003H				
		3. Well Number: 003H				
		4. Surface Hole Location: Unit: O Lot: O Section: 6 Township: 25S Range: 27E Feet from: 330 N/S Line: S Feet from: 2190 E/W Line: E				
		5. Bottom Hole Location: Unit: O Lot: O Section: 6 Township: 25S Range: 27E Feet from: 330 N/S Line: S Feet from: 2190 E/W Line: E				
		6. Latitude: 32.1527129924425 longitude: 104.228082622358				
		7. County: Eddy				
8. Operator Name and Address: CIMAREX ENERGY CO. OF COLORADO 202 S. Cheyenne Ave, Ste 1000 Tulsa 74103		9. OGRID: 162683		10. Phone Number: 918-295-1763		
11. Last Fracture Date: 4/6/2014 Frac Performed by: Halliburton		12. Production Type: O				
13. Pool Code(s): 13367		14. Gross Fractured Interval: 7,327 ft to 7,381 ft				
15. True Vertical Depth (TVD): 7,381 ft		16. Total Volume of Fluid Pumped: 1,763,939 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)
Fresh Water	Operator	Base Fluid	Fresh Water	7732-18-5	100%	82.55266%
Premium Sand	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	12.20932%
CRC Garnett	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	4.80145%
LoSurf-360W	Halliburton	Surfactant	Complex alkylamine	Proprietary	5%	0.00381%
			Glycerine	56-81-5	10%	0.00762%
			Poly(oxy-1,2-ethanediy), alpha.-isodecyl-.omega.- hydroxy-	61827-42-7	30%	0.02285%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.02238%
			Monoethanolamine borate	26038-87-9	100%	0.07461%
BA-40L BUFFERING AGENT	Halliburton	Buffer	Potassium carbonate	584-08-7	60%	0.0182%
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.00508%
			Crystalline silica, quartz	14808-60-7	30%	0.00153%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00356%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.21923%
HCL 15%	Petroplex	Acid	Hydrochloric Acid	7647-01-0	15%	0.0082%
Cronox AK-50	Petroplex	Corrosion Inhibitor	Oxyalkylated Alkylphenol	Proprietary	30%	3E-05%
			Heavy Aromatic Naptha	64742-94-5	30%	3E-05%
			Isopropanol	67-63-0	30%	3E-05%
			Fatty Acids	Proprietary	10%	1E-05%
			Complex Alkylaryl Poly- Ester	Proprietary	10%	1E-05%
			Tar Bases, Quinoline Derivatives, Benzyl Chloride-Quaternized	72480-70-7	10%	1E-05%
			Formaldehyde	50-00-0	10%	1E-05%
			Acetylenic Alcohol	Proprietary	5%	0%
			Propargyl Alcohol	107-19-7	5%	0%
			Napthalene	91-20-3	5%	0%
Citric Acid	Petroplex	Iron Control	Citric Acid	77-92-9	100%	0.00273%
EC9546A	Petroplex	Surfactant	Heavy Aromatic Naptha	64742-94-5	10%	1E-05%
			Isopropanol	67-63-0	60%	6E-05%
			Polyethylene Glycol	25322-68-3	5%	0%
			Napthalene	91-20-3	1%	0%
			Phosphoric Acid Ester	Proprietary	10%	1E-05%
			Oxyalkylated Alcohol	Proprietary	10%	1E-05%
			Oxyalkylated Alkyl Alcohol	Proprietary	10%	1E-05%
CIO2	Bosque	Biocide	Chlorine Dioxide	10049-04-4	100%	0.00015%
Ingredients Listed Below This Line Are Part of the			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor- 1-naphthalenyl) azo] -, trisodium salt	915-67-3	0%	0%
			Alkane	Proprietary	0%	0%
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%
			Crystalline Silica, Quartz	14808-60-7	0%	0%
			Cured acrylic resin	Proprietary	0%	0%
			Ethylene diaminetetraacetic acid, tetrasodium salt	64-02-8	0%	0%
			Hydrogen peroxide	7722-84-1	0%	0%
			Nitrotriactic acid, trisodium salt monohydrate	5064-31-3	0%	0%
			Silica gel	112926-00-8	0%	0%
			Sodium bicarbonate	144-55-8	0%	0%
			Sodium glycolate	2836-32-0	0%	0%
			Sodium hydroxide	1310-73-2	0%	0%
			Sodium sulfate	7757-82-6	0%	0%
			Surfactant mixture	Proprietary	0%	0%
			Water	7732-18-5	0%	0%
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: <u>Signed Electronically</u>		Printed Name: <u>Skipper Herring</u>		Manager Stimulation Title: <u>Operations</u>		
Date: <u>5/19/2014</u>						
E-mail Address: <u>sherring@cimarex.com</u>						