Submit within 45 days of well c	ompletion	04-4-	of Nov. Mov	.!		1		Revised November 6, 2013	
•		State of New Mexico				1. WELL API NO.			
	Eı	nergy, Minera	rgy, Minerals and Natural Resources			30-015-42166 2. Well Name:			
Oil Conservation Division						HORNSBY 35 FEDERAL COM #004H			
						3. Well Number: 004H			
	1220 S. St Francis Dr.								
Santa Fe, NM 87505									
		Jani	a i e, i i i i o i c	303					
HYDRAULIC FR	RACTURING	FLUID				Surface Hole Location: Unit:F Lot:3 Section:35	. Ta	wnship:26S Range:27E	
DISCLOSURE						Feet from:290 N/S Line:S			
⊠ Original						Feet from:2110 5. Bottom Hole Location:	EΛ	W Line:W	
_						Unit:F Lot:3 Section:35	5 To	wnship:26S Range:27E	
□ Amendment						Feet from:290		S Line:S	
						Feet from:2110 6. latitude:		W Line:W ongitude:	
						32.000287	10	-104.09447	
						7. County:			
						Eddy			
8. Operator Name and Address:					9. OGRID:	215099 1	0. Phon	ne Number:	
CIMAREX ENERGY 600 N MARIENFEL									
SUITE 600	DSIKEEI								
MIDLAND 79701									
11. Last Fracture Date: 7/12/2017 Frac Performed by: Halliburton 12. Producti						**			
						actured Interval:			
98018						,699 ft to 7,764 ft			
15. True Vertical Depth (TVD): 16. Tota 7,764 ft 16.						olume of Fluid Pumped: 12,616,585 gals			
, ,						nt of Re-Use Water in Fluid Pumped:			
N/A					No	ot Disclosed			
19. HYDRAULIC FLUID						T			
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemic Service #	al Abstract	Maximum Ingredient Concentration in Additive (%			
Fresh Water	Operator	Base Fluid	Water	7732-18-5		mass)	00%	mass) 86.57883%	
OptiKleen-WF	Operator Halliburton	Concentrate	Listed Below	Listed Below		'	0%	0%	
Sand	Halliburton	Proppant	Listed Below	Listed Below			0%	0%	
FDP-S1176-15	Halliburton	Friction Reducer	Listed Below	Listed Below			0%	0%	
FDP-S1226-15	Halliburton	Surfactant	Listed Below	Listed Below			0%	0%	
MCB-8614 MSDS and Non-MSDS	Halliburton	Biocide	Listed Below	Listed Below			0%	0%	
Ingredients are listed below	,						0 /6	0 70	
Ingredients	Listed Above	Listed Above	Alcohols, C12-13, ethoxylated	66455-14-9			30%	0.02539%	
			Alcohols, C12-16, ethoxylated	68551-12-2			5%	0.00423%	
			Crystalline silica, quartz	14808-60-7		1	00%	13.26295%	
			Glutaraldehyde	111-30-8			14%	0.00318%	
			Hydrotreated light petroleum distillate	64742-47-8			30%	0.01432%	
			n-Alkyl dimethyl benzyl ammonium chloride	68424-85-1			3%	0.00068%	
			Polyacrylate	Proprietary			30%	0.01432%	
			Sodium perborate tetrahydrate	10486-00-7			00%	0.00312%	
20. I, as Operator, hereby certify				best of my knowle	edge and belie				
Signature: Signed El	lectronically	Printed Name: Skipper H	erring			Manager Stimulation Title: Operations	on		
Date: 7/26/2017	7								
E-mail Address: sherring@	cimarex.com								

NMOCD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.