

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: 30-025-42295				
		2. Well Name: BLACK PEARL 1 FEDERAL #004H				
		3. Well Number: 004H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit:D Lot:4 Section:1 Township:20S Range:34E Feet from:190 N/S Line:N Feet from:1160 E/W Line:W				
		5. Bottom Hole Location: Unit:M Lot:M Section:1 Township:20S Range:34E Feet from:342 N/S Line:S Feet from:781 E/W Line:W				
		6. latitude: longitude: 32.6090974659094 -103.518654428302				
		7. County: Lea				
8. Operator Name and Address: COG OPERATING LLC One Concho Center 600 W. Illinois Ave Midland 79701		9. OGRID: 229137	10. Phone Number: 432-685-4332			
11. Last Fracture Date: 8/9/2015 Frac Performed by: Baker Hughes		12. Production Type: O				
13. Pool Code(s): 37570		14. Gross Fractured Interval: 11,045 ft to 15,333 ft				
15. True Vertical Depth (TVD): 10,959 ft		16. Total Volume of Fluid Pumped: 2,196 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)
Scaletrol 720	Baker Hughes	Scale Inhibitor	Ethylene Glycol	107-21-1	30%	21.184342%
			Calcium Chloride	10043-52-4	5%	3.530724%
Parasorb 5000	Baker Hughes	Paraffin Inhibitor	Crystalline Silica (Cristobalite)	14464-46-1	1%	0.210708%
			Crystalline Silica (Quartz)	14808-60-7	1%	0.210708%
			Acetic acid ethenyl ester, polymer with ethene	24937-78-8	15%	3.160624%
			Diatomaceous Earth, Natural (kieselguhr)	61790-53-2	10%	2.107083%
			Mineral Oil	8042-47-5	15%	3.160624%
			Diatomaceous Earth, Calcined (kieselguhr)	91053-39-3	70%	14.749581%
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		Printed Name: Stormi Davis		Title: Regulatory Analyst		
Date: 9/10/2015						
E-mail Address: sdavis@conchoresources.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.