

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 February 15, 2012				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		1. WELL API NO: 30-015-38643				
		2. Well Name: JACK FEDERAL #001H				
		3. Well Number: 001H				
		4. Surface Hole Location: Unit:D Lot:1 Section:31 Township:25S Range:27E Feet from:330 N/S Line:N Feet from:380 E/W Line:W				
		5. Bottom Hole Location: Unit:M Lot:4 Section:31 Township:25S Range:27E Feet from:688 N/S Line:S Feet from:634 E/W Line:W				
		6. latitude: 32.0926149125026 longitude: - 104.23672961396				
		7. County: Eddy				
8. Operator Name and Address: COG OPERATING LLC 550 W TEXAS SUITE 1300 MIDLAND 79701		9. OGRID: 229137	10. Phone Number:			
11. Last Fracture Date: 5/31/2012 Frac Performed by: Baker Hughes		12. Production Type: O				
13. Pool Code(s): 97818		14. Gross Fractured Interval: 9,859 ft to 13,600 ft				
15. True Vertical Depth (TVD): 9,654 ft		16. Total Volume of Fluid Pumped: 24 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)
Scaletrol 720	Baker Hughes	Scale Inhibitor	Ethylene Glycol	107-21-1	30%	28.5496764%
			Calcium Chloride	10043-52-4	5%	4.7582794%
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: <u>Signed Electronically</u>		Printed Name: <u>Monti Sanders</u>		Permitting / ROW Title: <u>Technician</u>		
Date: <u>7/19/2012</u>						
E-mail Address: <u>msanders@concho.com</u>						

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.