

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: 30-015-41565
		2. Well Name: MUNDS 1 FEDERAL COM #012H
		3. Well Number: 012H

HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment	4. Surface Hole Location: Unit:A Lot:1 Section:1 Township:17S Range:29E Feet from:890 N/S Line:N Feet from:295 E/W Line:E
	5. Bottom Hole Location: Unit:D Lot:4 Section:1 Township:17S Range:29E Feet from:972 N/S Line:N Feet from:352 E/W Line:W
	6. Latitude: 32.86850690726 longitude: -104.020632869189
	7. County: Eddy
	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: 4/10/2015 Frac Performed by: Halliburton	12. Production Type: O
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13. Pool Code(s): 96610	14. Gross Fractured Interval: 4,693 ft to 8,797 ft
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15. True Vertical Depth (TVD): 4,428 ft	16. Total Volume of Fluid Pumped: 2,066,391 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				100%	77.64839%
HYDROCHLORIC ACID 10-30%	Halliburton		Hydrochloric acid	7647-01-0	30%	0.6254%
Premium Brown - 20/40	Halliburton				100%	17.37001%
CRC - LT 20/40	Halliburton				100%	2.77421%
LOSURF-360	Halliburton				100%	0%
HAI-OS ACID INHIBITOR	Halliburton	Corrosion Inhibitor	Methanol	67-56-1	60%	0.002%
			Propargyl alcohol	107-19-7	10%	0.00033%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00011%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.0038%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01655%
			Monoethanolamine borate	26038-87-9	100%	0.05516%
CAT-106 SI	Halliburton				100%	0%
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.01757%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00246%
			Walnut hulls	Mixture	100%	0.0082%
BE-6 MICROBIOCIDE	Halliburton	Biocide	2-Bromo-2-nitro-1,3-propanediol	52-51-7	100%	0.00011%

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: Chasity Jackson Title: Regulatory Analyst

Date: 5/4/2015

E-mail Address: cjackson@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.