

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				
		1. WELL API NO: 30-015-37479				
		2. Well Name: JHS FEDERAL #001H				
		3. Well Number: 001H				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:H Lot:H Section:23 Township:26S Range:25E Feet from:1600 N/S Line:N Feet from:790 E/W Line:E				
		5. Bottom Hole Location: Unit:A Lot: Section:26 Township:26S Range:25E Feet from:1018 N/S Line:N Feet from:801 E/W Line:E				
		6. latitude: 32.0308394803825 longitude: - 104.360356790606				
		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: 3/31/2012 Frac Performed by: Halliburton				12. Production Type: G		
13. Pool Code(s): 81340				14. Gross Fractured Interval: 5,512 ft to 9,721 ft		
15. True Vertical Depth (TVD): 5,343 ft				16. Total Volume of Fluid Pumped: 50,674 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)
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	2.98458%
			Monoethanolamine borate	26038-87-9	100%	9.9486%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	1.12041%
FR-38	Halliburton	Friction Reducer	Acetic acid	64-19-7	5%	0.37605%
			Ammonium sulfate Inorganic Salt	Confidential Business Information	30%	2.25631%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	1.50075%
			Ethoxylated nonylphenol	Confidential Business Information	60%	1.50075%
CLA-STAXP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	11.27963%
Clayfix 3	Halliburton	Additive	Sodium chloride	7647-14-5	30%	4.55612%
LoSurf-300D	Halliburton	Non-ionic Surfactant	1,2,4 Trimethylbenzene	95-63-6	1%	0.24839%
			Ethanol	64-17-5	60%	14.90333%
			Heavy aromatic petroleum naphtha	64742-94-5	30%	7.45167%
			Naphthalene	91-20-3	5%	1.24194%
			Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5%	1.24194%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.02716%
Scaletrol	Halliburton				0%	0%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.44751%
			Walnut hulls	Mixture	100%	1.4917%
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.69257%
Scalechek® SCP -2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	3.99562%
Parasorb	Halliburton				0%	0%
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%
			Acrylamide copolymer Amine Salt	Proprietary Confidential Business Information	0% 0%	0% 0%
			C.I. Pigment Red 5	6410-41-9	0%	0%
			Calcium chloride	10043-52-4	0%	0%
			Cured Acrylic Resin	Confidential Business Information	0%	0%
			Cured Acrylic Resin	Confidential Business Information	0%	0%
			Defoamer	Proprietary	0%	0%
			Enzyme	Confidential Business Information	0%	0%
			Glycerine	56-81-5	0%	0%
			Inorganic Salt	Confidential Business Information	0%	0%
			Magnesium chloride hexahydrate	7791-18-6	0%	0%
			Modified acrylamide copolymer	Proprietary	0%	0%
			Modified acrylate polymer	Proprietary	0%	0%
			Oxyalkylated Phenolic Resin	Confidential Business Information	0%	0%
			Oxyalkylated Phenolic Resin	Confidential Business Information	0%	0%
			Silica, amorphous - fumed	7631-86-9	0%	0%
			Sodium acetate	127-09-3	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Trimethylamine, N-oxide	1184-78-7	0%	0%
			Water	7732-18-5	0%	0%
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: Signed Electronically Printed Name: Stormi Davis Title: Regulatory Analyst						
Date: 5/22/2012						
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.						