

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: 30-025-40425				
		2. Well Name: WEST PEARL 36 STATE #002H				
		3. Well Number: 002H				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:D Lot:D Section:36 Township:19S Range:34E Feet from:380 N/S Line:N Feet from:330 E/W Line:W				
		5. Bottom Hole Location: Unit:A Lot:A Section:36 Township:19S Range:34E Feet from:317 N/S Line:N Feet from:332 E/W Line:W				
		6. Latitude: 32.6230842787188 Longitude: - 103.521372330101				
		7. County: Lea				
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: 7/21/2012 Frac Performed by: Halliburton				12. Production Type: O		
13. Pool Code(s): 37570				14. Gross Fractured Interval: 11,444 ft to 15,268 ft		
15. True Vertical Depth (TVD): 10,930 ft				16. Total Volume of Fluid Pumped: 56,667 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)
Fresh Water	Operator				100%	86.82087%
FE ACID - >10% HCL	Halliburton	Acid	Hydrochloric acid	7647-01-0	30%	0.77163%
Super DC_30/50	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	11.7869%
			Hexamethylenetetramine	100-97-0	2%	0.23574%
			Phenol / formaldehyde resin	9003-35-4	5%	0.58935%
CL-22 UC	Halliburton	Crosslinker	Potassium formate	590-29-4	60%	0.04798%
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.00103%
			Potassium metaborate	13709-94-9	60%	0.01238%
FR-38	Halliburton	Friction Reducer	Acetic acid	64-19-7	5%	0.00051%
			Ammonium sulfate Inorganic Salt	Confidential Business Information	30%	0.00307%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.01877%
D-AIR 3000L	Halliburton	Defoamer	Alkenes	Confidential Business Information	100%	0.00681%
			Silica, amorphous precipitated	67762-90-7	30%	0.00204%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.004%
LoSurf-300D	Halliburton	Non-ionic Surfactant	1,2,4 Trimethylbenzene	95-63-6	1%	0.00082%
			Ethanol	64-17-5	60%	0.0489%
			Heavy aromatic petroleum naphtha	64742-94-5	30%	0.02445%
			Naphthalene	91-20-3	5%	0.00408%
			Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5%	0.00408%
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2	30%	0.00287%
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confidential Business Information	50%	0.02874%
3rd Party Scale Inhibitor	Operator	*3rd Party Additive	*Supplied by Operator		100%	0.01774%
WG-35 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.21487%
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.00832%
			Crystalline silica, quartz	14808-60-7	30%	0.0025%
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00125%
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.01927%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00169%
3rd Party Scale Inhibitor	Operator	*3rd Party Additive	*Supplied by Operator		100%	0.01993%
Ingredients Listed Below This Line Are Part of the			Acetic acid	64-19-7	0%	0%
			Acetic anhydride	108-24-7	0%	0%
			Acrylamide copolymer	Proprietary	0%	0%
			Acrylate Polymer	Confidential Business Information	0%	0%
			Amine Salt	Confidential Business Information	0%	0%
			Amine Salts	Confidential Business Information	0%	0%
			Amine Salts	Confidential Business Information	0%	0%
			Borate salts	Confidential Business Information	0%	0%
			Citric acid	77-92-9	0%	0%
			Crystalline silica, quartz	14808-60-7	0%	0%
			Cured Acrylic Resin	Confidential Business Information	0%	0%
			Defoamer	Proprietary	0%	0%
			Ethoxylated Nonylphenol	Confidential Business Information	0%	0%
			Glycerine	56-81-5	0%	0%
			Modified acrylamide copolymer	Proprietary	0%	0%
			Modified acrylate polymer	Proprietary	0%	0%
			Modified Bentonite	Confidential Business Information	0%	0%
			Oxyalkylated Phenolic Resin	Confidential Business Information	0%	0%
			Oxyalkylated Phenolic Resin	Confidential Business Information	0%	0%
			Polypropylene glycol	25322-69-4	0%	0%
			Quaternary Amine	Confidential Business Information	0%	0%
			Quaternary Amine	Confidential Business Information	0%	0%
			Quaternary Amine	Confidential Business Information	0%	0%
			Silica, amorphous - fumed	7631-86-9	0%	0%
			Sodium acetate	127-09-3	0%	0%
			Sodium carboxymethyl cellulose	9004-32-4	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Sodium glycollate	2836-32-0	0%	0%
			Sodium sulfate	7757-82-6	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: <u>Signed Electronically</u>		Printed Name: <u>Monti Sanders</u>		Permitting / ROW Title: <u>Technician</u>		
Date: <u>7/26/2012</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.