

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		
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		1. WELL API NO: 30-015-42913				
		2. Well Name: FLYING SQUIRREL FEDERAL #002H				
		3. Well Number: 002H				
		4. Surface Hole Location: Unit:M Lot:M Section:29 Township:18S Range:31E Feet from:1030 N/S Line:S Feet from:190 E/W Line:W 5. Bottom Hole Location: Unit:P Lot:P Section:29 Township:18S Range:31E Feet from:406 N/S Line:S Feet from:340 E/W Line:E 6. latitude: 32.7140528937839 longitude: -103.899642351885 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: 3/19/2015 Frac Performed by: Halliburton		12. Production Type:				
13. Pool Code(s): 56405		14. Gross Fractured Interval: 9,027 ft to 13,265 ft				
15. True Vertical Depth (TVD): 8,814 ft		16. Total Volume of Fluid Pumped: 5,830,224 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	Base Fluid	Fresh Water	7732-18-5	100%	86.18559%
HCl < 10%	Halliburton				100%	1.38876%
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	9.57069%
CRC LT 20/40	Halliburton				100%	2.39691%
LOSURF-360W	Halliburton	Surfactant	Complex alkylamine Glycerine	Confidential 56-81-5	5% 10%	0.00224% 0.00448%
			alpha -isodecyl- omega -hydroxy-	61827-42-7	30%	0.01344%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00422%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.00562%
Cla-Web(TM)	Halliburton	Additive	Ammonium salt	Confidential	60%	0.02826%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.0001%
D-AIR 3000L	Halliburton	Defoamer	Alkenes	Confidential	100%	0.00515%
			Silica, amorphous precipitated	67762-90-7	30%	0.00154%
HAI-OS ACID INHIBITOR	Halliburton	Corrosion Inhibitor	Methanol	67-56-1	60%	0.05911%
			Propargyl alcohol	107-19-7	10%	0.00985%
SCALECHEK LP-55 SCALE INHIBITOR	Halliburton	Scale Inhibitor	Polyacrylate	Confidential	60%	0.01554%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.00826%
			Monoethanolamine borate	26038-87-9	100%	0.02754%
BE-6 MICROBIOCIDES OPTIFLO-HTE	Halliburton	Biocide	2-Bromo-2-mitro-1-3-propanediol	52-51-7	100%	4E-06%
	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00166%
			Walnut hulls	Mixture	100%	0.00549%
Scalechek(R) SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.01329%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.13833%
Ingredients Listed Below This Line Are Part of the			1,2-Benzisothiazolin-3-one	2634-33-5	0%	0%
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfur-1-naphthalenyl) azo] -, trisodium salt	915-67-3	0%	0%
			2,7-Naphthalenedisulfonic acid, 5-(acetylamino)-4-hydroxy-3-[(2-methoxyphenyl) azo] -, disodium salt	6625-46-3	0%	0%
			Alcohols, C14-C15, ethoxylated	88951-67-7	0%	0%
			Alkane	Confidential	0%	0%
			Amine salts	Confidential	0%	0%
			Amine salts	Confidential	0%	0%
			Bentonite, benzyl(hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%
			C. I. Pigment Red 5	6410-41-9	0%	0%
			Calcium chloride	10043-52-4	0%	0%
			Crystalline Silica, Quartz	14808-60-7	0%	0%
			Cured acrylic resin	Confidential	0%	0%
			Cured acrylic resin	Confidential	0%	0%
			Enzyme	Confidential	0%	0%
			Enzyme	Confidential	0%	0%
			Ethylenediaminetetraacetic acid, tetrasodium salt	64-02-8	0%	0%
			Fatty acids, tall oil	Confidential	0%	0%
			Food red 10	3734-67-6	0%	0%
			Hydrogen peroxide	7722-84-1	0%	0%
			Nitrotriacetic acid, trisodium salt monohydrate	5064-31-3	0%	0%
			Olefins	Confidential	0%	0%
			Olefins	Confidential	0%	0%
			Olefins	Confidential	0%	0%
			Olefins	Confidential	0%	0%
			Polypropylene glycol	25322-69-4	0%	0%
			Quaternary amine	Confidential	0%	0%
			Quaternary amine	Confidential	0%	0%
			Quaternary amine	Confidential	0%	0%
			Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide	68527-49-1	0%	0%
			Silica gel	112926-00-8	0%	0%
			Sodium bicarbonate	144-55-8	0%	0%
			Sodium chloride	7647-14-5	0%	0%
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FINRA does not require the reporting of information by... FINRA does not require the reporting of disclosure of proprietary, trade secrets or confidential business information.