sumit within 49 da	State of New Energy, Minel Natural Resolution 1220 S. St Fra Santa Fe, NM		Minerals and I Resources rvation Divisio St Francis Dr.	n	Revised February 15, 2012 1. WELL API NO.			
HYDRAULI	C FRACTU	RING FLUI	D DISCLOSURE		4. Surface Ho Unit: C Lot: Feet from: 60	C Section:20		ip:18S Range:35
⊠ Original					Feet from:2180 E/W Line:W			
□ Amendment					Bottom Hole Location: Unit:N Lot:N Section:20 Township:18S Range:35 Feet from:335 N/S Line:S Feet from:2270 E/W Line:W Ingitude:			
				-	7. County:	2.74040908 :a		03.48115898567
0. Ot N	- A - A - A				9. OGRID:		10 Db	- Nombre
Operator Name and Address: COG OPERATING LLC One Concho Center 600 W. Illinois Ave Midland 79701					229137		10. Phone Number: 432-685-4332	
11. Last Fracture Date: 5/28/2013 Frac Performed by: Halliburton					12. Production Type:			
13. Pool Code(s): 97930					14. Gross Fractured Interval: 9,882 ft to 13,950 ft			
15. True Vertical Depth (TVD): 9.806 ft					16. Total Volume of Fluid Pumped: 66.657 bbls			
17. HYDRAULIC FL	UID COMPOS	ITION AND CO	ONCENTRATION:	3 1 1 1		00,007 0015		
Trade Name	Supplier	Purpose	Ingredients		#) Chemical act Service	Maximum Ingredient Concentration in Additive (% by mass)		Maximum Ingredient Concentration in I Fluid (% by mass)
Fresh Water FE ACID - <10% HCL	Operator Halliburton		Hydrochloric acid	7647	-01-0		100% 10%	85.51757 0.20215
CRC-20/40	Halliburton						100%	12.07283
HpH BREAKER	Halliburton Halliburton	Breaker	Sodium chloride	7647	-14-5		100% 30%	0.0001
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confi Busir	dential		60%	0.02805
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	8174	1-28-8		10%	0.00422
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	5183	8-31-4		60%	0.00735
D-AIR 3000L	Halliburton	Defoamer	Alkenes	Busir	dential ness nation		100%	0.00388
			Silica, amorphous precipitated	6776	2-90-7		30%	0.00116
BC-140 X2	Halliburton	Initiator	Ethylene glycol Monoethanolamine borate	107-2 2603	21-1 8-87-9		30% 100%	0.01573° 0.05242°
MO-67	Halliburton	pH Control Additive	Sodium hydroxide	1310-73-2			30%	0.00615
3rd Party Scale Inhibitor	Operator	*3rd Party Additive	*Supplied by Operator				100%	0.002559
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0			100%	0.158519
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7			30%	0.00254
Scalechek® SCP -2 Scale Inhibitor	Halliburton	Scale Preventer	Walnut hulls Glassy calcium magnesium phosphate	Mixture 65997-17-3			100%	0.00847 ⁰ 0.02017 ⁰
3rd Party Corrosion Inhibitor	Operator	*3rd Party Additive	*Supplied by Operator		100000		100%	0.02017
Signature: S	ereby certify that signed Electro /17/2013 connally@con	nically	shown on this disclosure Printed Name: Kacie C				est of my l	All of the second second second

E-mail Address: kconnally@concho.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.