well completion			f New Mexico , Minerals and	1. WELL AP	A STATE OF THE PARTY OF THE PAR		
		Natura	I Resources	2. Well Nam			
			rvation Division St Francis Dr.	3. Well Num	RDX 15 #013 lber:		
			Fe, NM 87505		013 4. Surface Hole Location:		
HYDRAULIC FRACTURING FLUID DISCLOSURE ☑ Original				Unit: Lot:G Section:15 Township:26S Range:30E Feet from:1950 N/S Line:N Feet from:2310 E/W Line:E 5. Bottom Hole Location:			
□ Amendment	t			Feet from: Feet from: 6. latitude:	2310 E/W Lin	e:N	
				7. County:	32.0445789870996 1	03.86800262727	
				E	ddy		
		PRODUCTIO	N, LLC	9. OGRID	246289 10. Phor	405-949-2221	
	MA CITY 731						
Last Fracture Date Pool Code(s):	e: 5/21/20	12 Frac Perfo	rmed by: Halliburton		ction Type: O Fractured Interval:		
96403 5. True Vertical Dep	oth (TVD):			16. Total	Confidential Volume of Fluid Pumped	l:	
7,610 ft 7. HYDRAULIC FL rade Name	UID COMPO	SITION AND C	ONCENTRATION:	(CAS #) Chemic	8,590 bbls	Maximum	
				Abstract Servic		Ingredient Concentration in HF Fluid (% by	
resh Water	Operator			120211	100%	mass) 22.24699	
HYDROCHLORIC ACID 10-30% Premium White -	Halliburton	Solvent	Hydrochloric acid	7647-01-0	30%	8.51487 48.33252	
6/30 CRC-16/30	Halliburton			0.0900000000000000000000000000000000000	100%	17.96725	
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.02185	
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confidential Business Information	50%	0.16467	
oSurf-300D	Halliburton	Non-ionic Surfactant	1,2,4 Trimethylbenzene	95-63-6	1%	0.00333	
			Ethanol Heavy aromatic	64-17-5 64742-94-5	60% 30%	0.19979 0.09989	
			petroleum naphtha Naphthalene Poly(oxy-1,2-	91-20-3 127087-87-0	5% 5%	0.01665 0.01665	
			ethanediyl), alpha-(4- nonylphenyl)-omega-	12.00.0.0		0.01000	
HpH BREAKER	Halliburton	Breaker	hydroxy-, branched Sodium chloride	7647-14-5	30%	0.00166	
SUPERSET W	Halliburton	Activator	Methanol Ethoxylated nonylphenol	67-56-1 Confidential Business	60% 60%	0.18351 0.18351	
3C-140 X2	Halliburton	Initiator	Ethylene glycol	Information 107-21-1	30%	0.09304	
			Monoethanolamine borate	26038-87-9	100%	0.31013	
MO-67 OPTIFLO-HTE	Halliburton Halliburton	pH Control Additive Breaker	Sodium hydroxide Crystalline silica,	1310-73-2 14808-60-7	30%	0.13262 0.00633	
71 11 EO-111E	riallibultori	Dieakei	quartz Walnut hulls	Mixture	100%	0.00033	
Scalechek® SCP- 2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium	65997-17-3	100%	0.12065	
VG-36 GELLING	Halliburton	Gelling	phosphate Guar gum	9000-30-0	100%	0.85227	
ngredients Listed Below This		Agent	1,2-Benzisothiazolin-3	2634-33-5	0%	0	
Line Are Part of the			2,7- Naphthalenedisulfonic acid, 3-hydroxy-4-[(4- sulfor-1-naphthalenyl)	915-67-3	0%	0	
			azo] -, trisodium salt Amine Salts	Confidential Business	0%	0	
			Amine Salts	Information Confidential	0%	0	
			Bentonite, benzyl	Business Information 121888-68-4	0%	0	
			(hydrogenated tallow alkyl)	12 1000-00-4	1		
			dimethylammonium stearate complex		-		
			C.I. Pigment Red 5 Calcium chloride Crystalline Silica,	6410-41-9 10043-52-4 14808-60-7	0% 0% 0%	0 0	
			Quartz Cured Acrylic Resin	Confidential	0%	0	
				Business Information			
			Cured Acrylic Resin	Confidential Business Information	0%	0	
			Enzyme	Confidential Business	0%	0	
			Enzyme	Information Confidential Business	0%	0	
			Oxyalkylated Phenolic	Information Confidential	0%	0	
			Resin	Business Information			
			Oxyalkylated Phenolic Resin	Confidential Business Information	0%	0	
			Quaternary Amine	Confidential Business	0%	0	
			Quaternary Amine	Information Confidential Business	0%	0	
			Quaternary Amine	Information Confidential	0%	0	
			Silica gol	Business Information	-	_	
			Silica gel Sodium Chloride Surfactant Mixture	112926-00-8 7647-14-5 Confidential	0% 0% 0%	0	
				Business Information			
			Surfactant Mixture	Confidential Business Information	0%	0	
8. I, as Operator, he	reby certify tha	at the informatio	Water n shown on this disclosure fo	7732-18-5	0% mplete to the best of my l	0 nowledge and beli	
	igned Electro		Printed Name: Charles A		HS&E/Re		
The Contract of the Contract o	/26/2012 ahn@rkixp.co	om			manager		
	ire the reportin	ng of information	n beyond MSDS data as desi confidential business informa		1910.1200. NMOCD does	not require the	
	31			14.00			