Submit within 45 days of well	completion	Otata	af Nam Mari					Revised N	November 6, 2013
			State of New Mexico				5-35828		
Energy, Minerals and Natural Re					urces	2. Well Name:			
Oil Conservation Division						LOGOS 2508 20D #015 3. Well Number:			
1220 S. St Francis Dr.						015			
Santa Fe, NM 87505									
HYDRAULIC F	RACTURIN	G FLUID				4. Surface Hole L		05N	- 0014/
DISCLOSURE						Unit:D Lot:D Feet from:480 Feet from:592	N E	ownship:25N /S Line:N /W Line:W	Range:08W
Original						5. Bottom Hole Louit:D Lot:D		ownship:25N	Range:08W
□ Amendment						Feet from:480 N/S Line:N Feet from:592 E/W Line:W 6. latitude: longitude:			. Kango.oov
						36.39		-	711944
						7. County: San Juan			
8. Operator Name and Address: LOGOS OPERATING, LLC 2010 Afton Place					9. OGRID:	289408	10. Phone Numb	er: 8	32-794-1355
Farmington 87401 11. Last Fracture Date: 9/6/2017 Frac Performed by: Halliburton					12. Production	n Type:			
13. Pool Code(s):					O 14. Gross Frac	ractured Interval:			
19859						344 ft to 6,688 ft lume of Fluid Pumped:			
6,726 ft					239	39,171 gals			
17. Total Volume of Re-Use Water Pumped: 0 gals					18. Percent of %	of Re-Use Water in Fluid Pumped:			
	D COMPOSITI	ON AND CONCENTRA	TION:		,,,				
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemical Abstract Service #		Maximum Ingre Concentration i mass)	dient n Additive (% by	Maximum Ing Concentration by mass)	redient n in HF Fluid (%
2% KCL Water	Operator	Base Fluid	Water	7732-18-5			98%		91.13751%
FR-76 LOSURF-300D	Halliburton Halliburton	Friction Reducer Non-ionic Surfactant	Listed Below Listed Below	Listed Below Listed Below		0% 0%			0% 0%
SAND-CRC PREMIUM- 16/30, 100 LB SACK	Halliburton	Proppant	Listed Below	Listed Below		0%			0%
MSDS and Non-MSDS Ingredients are listed below the							0%		0%
Ingredients	Listed Above	Listed Above	1,2,4 Trimethylbenzene Acrylamide acrylate copolymer	95-63-6 Proprietary			1% 30%		0.00036% 0.01442%
			Crystalline silica, quartz	14808-60-7	7		100%		6.91875%
			Ethanol Heavy aromatic	64-17-5 64742-94-5	5		60% 30%		0.02144% 0.01072%
			petroleum naphtha						
			Hexamethylenetetramine Hydrotreated light	100-97-0 64742-47-8	3		2% 30%		0.13838% 0.01442%
			petroleum distillate						
			Inorganic salt Naphthalene	Proprietary 91-20-3			30% 5%		0.01442% 0.00179%
			Oxylated phenolic resin	Proprietary			30%		0.00179%
			Phenol / formaldehyde	9003-35-4			5%		0.34594%
			resin Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)- omega-hydroxy-,	127087-87	-0		5%		0.00179%
			branched	7447 12 5					4.050555
			Potassium chloride Water	7447-40-7 7732-18-5			2% 60%		1.85995% 0.02884%
20. I, as Operator, hereby certi	fy that the information	on shown on this disclosure form			edge and beliet		0070	1	3.0230 170
Signature: Signed Date: 11/22/2	Electronically 017	Printed Name:	Tamra Sessions			Title: Oper	ations Technicia	an_	
	ns@logosresour								
IMOCD does not require the re	porting of information	on beyond MSDS data as describ	ed in 29 CFR 1910.1200. NMC	OCD does not	require the repo	rting or disclosure o	of proprietary, trad	e secret or conf	idential business

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.