Energy, Minerals and Natural Resources	Oil Conservation Division 1220 S. St Francis Dr.						30-043-21120  2. Well Name:			
Amendment										
1220 S. St Francis Dr.   Santa Fe, NM 87505     3. Will Number:   2. Will Led   2. Will Number:   2.										
## TYDRAULIC FRACTURING FLUID DISCLOSURE  **X Original  □ Amendment  ## Amendment  ## Amendment  ## Operator Name and Address LOGOS OPERATING, LC										
HYDRAULIC FRACTURING FLUID										
DISCLOSIRE   X Original										
Amendment	HYDRAULIC	FRACTURING	FLUID		a charles		A SECTION OF THE PROPERTY OF T		- 1000 Company 11	
Amendment							Feet from: 1930 N/S Line: S			Range:05W
Amendment	⊠ Original						5. Bottom Hole Lo	ocation:	800000	05111
8. Operator Name and Address LOGOS OPERATING. 4001 N. Buller, Billigh 7101 Farmington 87401 11. Last Fracture Date: 9/5/2013 Frac Performed by CaliFrac  12. Production Type:  13. Post County SandOvers  14. Cross Fracture of Fluid Pumped: 15. Take Vertical Depth (TUC) 16. 622 Fracture of Fluid Pumped: 16. Take Vertic	□ Amendment						Feet from: 1930	N/S	Line:S	Range:05W
8. Operator Name and Address  LOGOS OPERATING, LLC  4001 N Britler, Bildy 7101 Farmingpin 87401  11. Last Fracture Date: 915/2013 Frac Performed by CaliFrac  12. Production Type:  0. 12. Production Type:  0. 14. Gross Fractured Interval: 4, 0, 0.01 th to, 838 1							The state of the s			
B. Operator Name and Address							7. County:		0	
LOGOS OPERATING, LLC   4001 N. Buller, Bildgy 7101   Farmington 87401   11. Last Frankurb Buller, Bildgy 7101   13. Parally 101   14. Gross Fractured Interval   4. Gross Fractured Inte						ija	Sando	oval		
13   Pool Code(s)   788   97990   25249   97990   14   Gross Fractured Interval   4,061 ft to 6,583 ft   16   True Vertical Depth (TVD):   6,622 ft   1,080,335 gals   17   HYDRAULC FLUID COMPOSITION AND CONCENTRATION:    Tarde Name	LOGOS OPER 4001 N. Butler	ATING, LLC , Bldg 7101				9. OGRID:	289408	10. Phone Num	ber:	832-794-1355
13. Pool Code(s)   8.2490, 97989, 97990   14. Gross Fractured Interval:   6.622 ft	11. Last Fracture Date: 9/5/2013 Frac Performed by: CalFrac 12.1						No. of the contract of the con			
16. True Vertical Depth (TVD):	13. Pool Code(s):					14. Gross Fra	ractured Interval:			
	62490, 97989, 97990 15. True Vertical Depth (TVD):									
Purpose   Ingredients   ClAS of Chemical Abstract   Constitution in Additive (% by mass)   Maximum ingredient   Constitution in Additive (% by mass)   Maximum ingredient   Constitution in Additive (% by mass)   Constitution   Constitution in Additive (% by mass)   Constitution   Constitution	6,622 ft					1,080,335 gals				
Sand					(CAS#) Chemic	cal Abstract	Maximum Ingred	ient	Maximum In	gredient
DWP-204   CWS		1000	6	1011011111			Concentration in		Concentration	
DWP-204							100%			5.10415%
DWP-913	DWP-111	CWS	Gel Slurry		Notlisted			100%		0.04624%
DWP-944										0.00124%
Mixture	DWP-913	CWS	Clay Control		NOT listed		100%			0.08199%
Nitrilopropionamide	DWP-944	CWS	Biocide	Mixture						0.01611%
DAP-901   CWS   Scale Inhibitor   Methanol   67-56-1   30%   0.00638					10222-01-2			40%		0.00921%
Phosphoric Acid Ammonium Salt			Breaker		7727-54-0		10000			0.0165%
Ammonium Salt	DAP-901	CWS	Scale Inhibitor							0.00635%
Organic					Trade Secret			370		0.00100%
Phosphonate										0.00212%
Amine Salt   Trade Secret   5%   0.00106					Trade Secret			30%		0.00635%
Polyamine					Trade Secret	9		5%		0.00106%
DAP-925   CWS					Trade Secret			5%		0.00106%
Methanol   67-56-1   60%   0.00018	DAP-925	CWS		Modified Thiourea	68527-49-1			30%		9E-05%
Propargyl Alcohol   107-19-1   10%   3E-05										9E-05%
Olefin Trade Secret 5% 2E-05 Polyoxyalkylenes Trade Secret 30% 9E-05 Hydrochloric Acid CWS Acid Hydrochloric Acid 7647-01-0 35% 0.26139 Water Customer Base Fluid Water 100% 93.85 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: Signed Electronically Printed Name: Tamra Sessions Title: Operations Technician							E.			0.00018% 3E-05%
Polyoxyalkylenes Trade Secret 30% 9E-05 Hydrochloric Acid CWS Acid Hydrochloric Acid 7647-01-0 35% 0.26139 Water Customer Base Fluid Water 100% 93.85 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: Signed Electronically Printed Name: Tamra Sessions Title: Operations Technician										2E-05%
Water Customer Base Fluid Water 100% 93.85  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: Signed Electronically Printed Name: Tamra Sessions Title: Operations Technician				Polyoxyalkylenes				30%		9E-05%
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: Signed Electronically Printed Name: Tamra Sessions Title: Operations Technician					7647-01-0					0.26139%
Signature: Signed Electronically Printed Name: Tamra Sessions Title: Operations Technician					best of my knowl	edge and helic		100%		93.85%
	100 KIN 100 KI	1 5/50 at 6/5 1 W/5 1 C 5 I		300 7 1 20 1	Seat of the knowl	-oge and bell		ations Technic	ian	
		35	, , , , , , , , , , , , , , , , , , , ,							
E-mail Address: tsessions@logosresourcesllc.com		28 6.6358	esllc.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.