The composition of the composi										
Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505  HYDRAULIC FRACTURING FLUID DISCLOSURE	Submit within 45 days of well completion State of New Mexico					100			Revised November 6, 2013	
1220 S. St Francis Dr.   Santa Fe, NM 87505   3. Well Number		9								
1220 S. St Francis Dr.   Santa Fe, NM 87505   3. Well Number										
Amendment							MALAGA 1 COM #001			
HYDRAULIC FRACTURING FLUID   DISCLOSURE   X Original		3	3. Well Number:							
DISCLOSURE   X Original			Sai	nta Fe, NM 8750	5		001			
Amendment							Unit:C Lot:3 Section:1 Township:24S Range:28E Feet from:660 N/S Line:N			
Onit C Lot 3 Seaton 1 Promisip 248   Range 288   Face 1980   New York 1980	Original								V Line:VV	
8. Operator Name and Address KAISERF-FRANCIS OIL CO PO BOX 21408 TULSAF Tradum Date: 17. Foot Control 15. Poot Code(s) 15. Poot Code(s) 15. Poot Code(s) 15. Poot Code(s) 15. Trade Value of Re-Live Water Fumpes: 17. Total Volume of Re-Live Water Fumpes: 18. I PYDRAULIC FLUID COMPOSITION AND CONCENTRATION: 19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION: 19. CORRESPONDED TO THE PROPERT OF THE AND THE			Feet from: 660   N/S Line: N     Feet from: 1980   E/W Line: W							
S. Operator Name and Address: KNISER-FRANCIS OIL CO PO BOX 21488 TULSA 74121  11. Last Fracture Date: 17. 102014 Fase Performed by: Schlumberger 13. Pool Codes) 15. Tool Codes) 15. Tool Codes) 16. Tool Submitted Properties 17. Total Valurus of Flaulia Properties 19. Supplier 19. Purpose 19.								lo		
S. OGRID: 12361   10. Phone Number:   10. Ph		7								
KAISER-FRANCIS OIL CO   PO BOX 21468   TULSA 74121   TUL							Eddy			
PO BIOX 21468   TULSA 74121   11. Last Fracture Date: 1/30/2014   Fac Performed by   Schlumberger   12. Production Type:	8. Operator Name and Address	:				9. OGRID:	12361	10. Phon	e Number:	
13. Peor Code(8)   13.07/2014   Fiso Performed by: Schlumberger   13. Peor Code(8)   14. Gross Fractured Interval   15. Trotal Volume of Reu-Use Water Pumped:   15. Trotal Volume of Reu-Use Water In Fluid Pumped:   15. Trotal	PO BOX 21468	S OIL CO								
15.014   1	11. Last Fracture Date: 1/30/2014 Frac Performed by: Schlumberger 12. Producti						Type:			
15. True Vertical Dapht (TVD):	13. Pool Code(s): 14. Gross Fro									
12,100 ft   105,767 gals   18   Percent of Re-Use Water in Fluid Pumped:										
19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:   Trade Name	12,100 ft 1						5,767 gals			
15. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:   Trade Name										
Purpose   Ingredients   CAS #   Chemical Abstract   Concentration in Additive (% b)   Concentration in F Fluid by mass)   2% KCL Water   Company 1   Carrier/Base Fluid   Water   7732-19-5   98%   80.0179		COMPOSITI	ION AND CONCENTE	RATION:		70				
Company 1   Carrier/Base Fluid   Water   7732-18-5   98%   80.0179							Concentration in Additive (% by		Concentration in HF Fluid (%	
Sand (Proppant)   Company 2	2% KCL Water	Company 1	Carrier/Base Fluid	Water	7732-18-5				80.01798%	
		7 100 580 95				7			1.6%	
Hydrochloric Acid (7.5%)   Company 2   Acidizing   Hydrochloric Acid   7647-01-0   7.5%   0.1475     J475   Schlumberger   Breaker   Diammonium   7727-54-0   100%   0.0199     W063   Schlumberger   Emulsion   propano-2-01   67-63-0   30%   0.0094     W063   Schlumberger   Emulsion   propano-2-01   67-63-0   30%   0.0094     Preventer   Glycerol   56-81-5   10%   0.0031     Oxyalkylated Alcohol (1)   Proprietary   5%   0.0015     Alkylalcohol ethoxylated   Proprietary   5%   0.0016     Oxyalicohol ethoxylated   Proprietary   5%   0.0016     Alkylalcohol ethoxylated   Proprietary   5%   0.0006     Ethylenediaminietetraacetate   Sodium hydroxide   1310-73-2   5%   0.0006     Aliphatic alcohols, ethoxylated #1   Aliphatic alcohols, ethoxylated #1   Aliphatic alcids   Proprietary   30%   0.0006									16.4169%	
Schlumberger   Breaker   Diammonium   7727-54-0   100%   0.0199		_							0.91004%	
Schlumberger   Fewenter   Preventer   Fewenter   Glycerol   56-81-5   10%   0.0094				Diammonium					0.01994%	
Preventer	W063	Schlumberger	Emulsion		67-63-0		3	30%	0.00947%	
Organic sulfonic acid salt				•	56-81-5				0.00316%	
Alkylalcohol ethoxylated   Proprietary   5%   0.0015			7.011.235.000		Proprietary		5%		0.00158%	
Schlumberger   Breaker   Diammonium peroxidisulpate   Totrasodium ethylenediaminietetraacetate   Sodium hydroxide   Titrasodium ethylenediaminietetraacetate   Sodium hydroxide   Titrasodium nitrilotriacetate   Sodium hydroxide   Trisodium nitrilotriacetate   Sodium hydroxide   Schlumberger   Corrosion Inhibitor   Methanol   67-56-1   40%   0.0008   0.0006   Aliphatic alcohols, ethoxylated #1   Aliphatic acids   Proprietary   30%   0.0006   0.0006   Prop-2-yn-1-ol   107-19-7   10%   0.0002   0.0006   0.0001   0.0									0.00158%	
Depart   Department   Departm	1040				<del></del>				0.00158%	
Ethylenediaminietetraacetate   Sodium hydroxide   1310-73-2   5%   0.0006	N/II			peroxidisulpate						
A264   Schlumberger   Corrosion Inhibitor   Methanol   67-56-1   40%   0.0001	U042	Schlumberger	Chelating Agent				60%		0.00767%	
A264         Schlumberger         Corrosion Inhibitor         Methanol         67-56-1         40%         0.0008           Aliphatic alcohols, ethoxylated #1         Proprietary         30%         0.0006           J604         Schlumberger         Crosslinker         Proprietary         30%         0.0006           J604         Schlumberger         Crosslinker         sodium tetraborate ethane-1, 2-diol         1330-43-4         5%         0.0001           U028         Schlumberger         Gelling Agent         Sodium hydroxide         1310-73-2         30%         0.0001									0.00064%	
Aliphatic alcohols, ethoxylated #1   Aliphatic acids   Proprietary   30%   0.0006										
4 betwoodle of the property	A264	Schlumberger	Corrosion Inhibitor				1.002			
Aliphatic acids   Proprietary   30%   0.0006					Proprietar	У		30%	0.00063%	
Prop-2-yn-1-ol   107-19-7   10%   0.0002					Proprietar	ry		30%	0.00063%	
ethane-1, 2-diol         107-21-1         40%         0.0001           U028         Schlumberger         Gelling Agent         Sodium hydroxide         1310-73-2         30%         0.0001							20			
U028         Schlumberger         Gelling Agent         Sodium hydroxide         1310-73-2         30%         0.0001	J604	Schlumberger	Crosslinker							
						2				
B244 Schlumberger biocide Glutaraldehyde 111-30-8 25% 0.000 20. 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.						adae and belief	L	25%	0.0001%	

Date: 6/20/2014

E-mail Address: charlotv@kfoc.net

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.

Signature: Signed Electronically Charlotte
Printed Name: VanValkenburg

Title: Regulatory Manager