Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. S. Francis Dr. Santa Fe, NM 87605  HYDRAULIC FRACTURING FLUID DISCLOSURE Original  Anendment  Sociation of the second of the	Submit within 45 days of well completion State of New Mexico						Revised November 6, 2013				
A contract											
## 1220 S. SE Francis Dr. Santa Fe, NM 87505  ### POPPAULIC FRACTURING FLUID DISCLOSURE  ### POPPAULIC FRACTUR							15.675.35.35.636 				
A continue			00000000000000000000000000000000000000								
NO Fight   Process   Pro											
Continue								Section:21		Range:30E	
Pack tomos   100	despera								E/W Line:W		
## Comment Name and Advance    Price   Price	_						Feet from:660	1	N/S Line:S	Range:30E	
2   Cyenter Name and Adams   2   Cyenter Na							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	224704451262			
Copuration of the Content of the C									103.8895152	33981	
PROPERTY   PROPERTY											
11   Last Prison Doors   122/20013   Priso-Prison for Roy   127   Production   127   Prison Company   127   Pris	RKI EXPLORATION & PRODUCTION, LLC 210 PARK AVENUE					9. OGRID:	246289	10. Phone Numb	ber: 4	05-996-5774	
13 Proof Decides		Table 1 and	ned by: RKI EXPLORATIO	N & PRODUCTION			n Type:				
18   Total Visional Sheet (Project   1						14. Gross Fra	Fractured Interval:				
17. Total Value   Total Valu	15. True Vertical Depth (TVD):					16. Total Vol	olume of Fluid Pumped:				
15		er Pumped:									
Trace		COMPOSITION	AND CONCENTRA	ATION:		No	t Disclosed			-	
H7ROPCO-EXIST ADD 10   - Inditination   Print Market   100				0.00			Concentration in Additive (% by		Concentration in HF Fluid (% by		
2006	Fresh Water HYDROCHI ORIC ACID 10-		<i>2</i>	Hydrochloric acid	7647-01-0						
CRC 149/39   Halliburton	30%			Tryal comone acid							
Biolide	CRC 16/30	Halliburton						100%		3.97619%	
Billiburton	BC-140 X2	Halliburton	Initiator	Monoethanolamine	- T. 172 C. 177 C. 172						
Cla-Web   Mailburton   Addrive   Ammonium sait   Confidential Business   60%   0.4437%	BE-9	Halliburton	Biocide	Tributyl tetradecyl	- T-11/100 T-11/100		10%			0.00425%	
Beater   Sodium chloride   7647-14-5   30%   0.00028%		Halliburton	Additive	<del>'</del>	Confidential Business			60%		MANAGEMENT (SA)	
Advator	losurf-360w HpH BREAKER		Breaker	Sodium chloride	7647-14-5						
MC-36 GELLING AGENT	SUPERSET W			Methanol	67-56-1			60%		0.03109%	
Breaker   Crystalline silica, quarte   Walnuth multis   Miscare   14808-80-7   30%   0.00128%   Quarte   Walnuth multis   Miscare   100%   0.00428%   0.		2000 000 000 000 000		nonylphenol	Information			W. 1887		0.000.000	
Scale che86 SCP-2 Scale   Halliburion   Scale Preventer   Inhibition   Galesy calcium   G											
Phosphate	Scalechek® SCP-2 Scale	Halliburton	Scale Preventer	Walnut hulls							
	Inhibitor			phosphate	2634-33-5			0%		0%	
Naphthalene disulfonic acid. 3-hydroy-4-(14 sulfor-1-naphthalenyl) acid. 3-hydroy-4-(14 sulfor-1-naphthaleny	_			-one							
Amine salts				Naphthalenedisulfonio acid, 3-hydroxy-4-[(4- sulfor-1-naphthalenyl)				076		076	
Amine salts								0%		0%	
Bentonite, benzyl   thydrogenated tallow alkyl   dimethylammonium   the starate complex   C.I. Pigment Red 5   6410-41-9   0.96   0.9				Amine salts	Confidential Business		0%		0%		
A							0%			0%	
Calcium chloride				alkyl) dimethylammonium stearate complex							
Crystalline Silica   14808-60-7   0%   0%   0%   0%   0%   0%   0%   0					10043-52-4			0%		0%	
Information				Quartz						X (2.5)	
Information					Information			2022		507	
Information											
Information   Quaternary amine   Confidential Business   0%   0%   0%   10%				1.0	Information						
Information   Quaternary amine   Confidential Business   0%   0%   0%   10%					Information						
Information   Quaternary amine   Confidential Business   0%   0%   0%   0%   112926-00-8   0%   0%   0%   0%   0%   0%   0%   0				•	Information			3		1	
Information   Silica gel   112926-00-8   0%   0%   0%   0%   0%   0%   0%   0					Information		000000				
Silica gel 112926-00-8 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%				Quaternary amine		Business	3012			X-26	
Surfactant mixture Confidential Business 0% 0% Information					112926-00-8						
Surfactant mixture Confidential Business 0% 0% Information  Water 7732-18-5 0% 0%  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.  Signature: Signed Electronically Date: 3/24/2014  E-mail Address: hbrehm@rkixp.com  MOCD 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					Confidential	Business					
Water 7732-18-5 0% 0%  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.  Signature: Signed Electronically Date: 3/24/2014  E-mail Address: hbrehm@rkixp.com  MOCD 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				Surfactant mixture	Confidential	Business		0%		0%	
Signature: Signed Electronically Date: 3/24/2014  E-mail Address: hbrehm@rkixp.com  MOCD 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					7732-18-5			0%		0%	
Date: 3/24/2014  E-mail Address: hbrehm@rkixp.com  IMOCD 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				- A Section of the se	oest of my knowl	edge and belie		ry analyst			
	Date: 3/24/2014			P 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1/			
	NMOCD does not require the repoinformation.	rting of information b	peyond MSDS data as describ	oed in 29 CFR 1910.1200. N	MOCD does not i	equire the repo	orting or disclosure	of proprietary, trac	de secret or confi	idential business	