State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505  HYDRAULIC FRACTURING FLUID						Revised November 6, 2013  1. WELL API NO. 30-015-42920  2. Well Name: CYPRESS 34 FEDERAL #011H  3. Well Number: 011H  4. Surface Hole Location: Unit: C Lot: C Section: 34 Township: 23S Range: 29E											
									DISCLOSURE						Feet from: 150   N/S Line: N		
									⊠ Original  □ Amendment						Unit:N         Lot:N         Section:34         Township:23S         Range:29E           Feet from:188         N/S Line:S           Feet from:2030         E/W Line:W           6. latitude:         longitude:		
																681899285349	-103.97467805318
									Operator Name and Address:					9. OGRID:	16696	10. Phone Numbe	r: 713-366-5069
OXY USA INC PO Box 4294 Houston 77210					9. OGRID:	10090	Tu. Phone Numbe	: 713-300-3009									
	/2015 Frac Performed	by: C&J ENERGY SERV	/ICES		12. Productio	Type:											
13. Pool Code(s): 11520						oss Fractured Interval: 9,208 ft to 13,510 ft											
15. True Vertical Depth (TVD): 8,877 ft						tal Volume of Fluid Pumped: 3,010,476 gals											
0,017 II. 17. Total Volume of Re-Use Water Pumped: N/A					18. Percent o	of Re-Use Water in Fluid Pumped: Not Disclosed											
. HYDRAULIC FLUID	COMPOSITION	AND CONCENTRAT	ION:	out to the second		ot Disclosed	8000000										
Frade Name	Supplier	Purpose	Ingredients	(CAS #) Chemic Service #	cal Abstract	Maximum Ingred Concentration in mass)		Maximum Ingredient Concentration in HF Fluid (% by mass)									
Water	APC CJES	Carrier/Base Fluid	Water Silica Substrate	7732-18-5			100% 100%	81.784969 17.215429									
Band (Proppant) Hydrochloric Acid (15%)	CJES	Proppant Acidizing	Hydrochloric Acid	NA 7647-01-0			7.5%	1.189049									
FGP-912	Blue Ribbon Technology		Solvent Naptha (petroleum) Heavy Aliphatic Proprietary Non-	64742-96-7 Proprietary		60%		0.1845% 0.123%									
PH-29B	Blue Ribbon	High PH Buffer	Hazardous Compenents Sodium Hydroxide	1310-73-2			35%	0.00428%									
	Technology																
(L-3	Economy	Borate Crosslink Accelerator	Potassium Metaborate Potassium Hydroxide				15% 25%	0.01477% 0.02461%									
(L-7	Economy	Primary Borate	Ethylene Glycol Borate Salt	107-21-1 1319-33-1			60% 50%	0.05907% 0.04711%									
XL-1	Economy	Crosslinker	Mineral Oil	64742-47-8		50%		0.04711%									
BR-31B	Blue Ribbon Technology	Ammonium Persulfate Gel Breaker	Ammonium Persulfate	7727-54-0		100%		0.00272%									
3R-34	Economy	Encapsulated Persulfate Gel Breaker	Ammonium Persulfate Cured Resin	7727-54-0 Proprietary		76% 24%		0.0025% 0.00079%									
R-1	Blue Ribbon	Friction Reducer	Petroleum Distillate	64742-47-8			28%	0.01255%									
	Technology		Ammonium Chloride C12-C14 Alcohol	12125-02-9 68439-50-9		-	13% 3.1%	0.00583% 0.00139%									
			Ethoxylated C12-C16 Alcohol Ethoxylated	68551-12-2			3.1%	0.00139%									
			C10-C16 Alcohol Ethoxylated	68002-97-1			3.1%	0.00139%									
SU-2	Blue Ribbon Technology	Surfactant	Alcohols,C9- C11, Ethoxylated Water	68439-46-3 7732-18-5		25% 75%		0.02056% 0.06168%									
CS-1	Blue Ribbon	Clay Stabilizer	Water	7732-18-5	732-18-5		30%	0.02672%									
AI-150	Technology Reef Acid Inhibitor		Choline Chloride	67-48-1			70%	0.06236%									
	Reel	ACIG MINIDILOT	Isopropanal Propargyl Alcohol	67-63-0 107-19-7			20% 20%	0.04722% 0.04722%									
			Methanol Isoocytl Alcohol Bottoms	67-56-1 68526-88-5			20% 20%	0.04722% 0.04722%									
Biocide 4450-10	Al-Sealing LLC	Disinfectant/Sanitizer	Xylene Didecyl Dimethyl ammonium Chloride	1330-20-7 7173-51-5		20% 12%		0.04722% 0.00251%									
Dilde	Caba	Mater Tours	Ethanl	64-17-5			3%	0.00063%									
Diklor	Sabre	Water Treatment	Water Chlorine Dioxide	7732-18-5 10069-04-4			99.6% 0.4%	0.6168% 0.00248%									
CI-2	Economy	Corossion Inhibitor	Methyl Alcohol	67-56-1			60%	0.001529									
CA-1	Blue Ribbon Technology	Iron Contral Agent	Aminocarboxylate Salt	Proprietary			40%	0.002229									

Diklor

CI-2 ICA-1

5/11/2015

Economy Blue Ribbon Technology

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 Printed Name: David Stewart

Aminocarboxylate Salt Water

E-mail Address: david\_stewart@oxy.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.

7732-18-5

60%

Title: Sr. Regulatory Advisor

0.00333%