Submit within 45 days of well completion State of New Mexico								Revised November 6, 2013	
Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505						1. WELL API NO. 30-015-41345 2. Well Name: FEDERAL 12 #003H			
									3. Well Number: 003H
						LIVERALILICE	A CT IDING F		,
HYDRAULIC FRACTURING FLUID DISCLOSURE						Unit:O Lot:O Feet from:1159 Feet from:1643	Section:1 To	wnship:23S Range:30E S Line:S W Line:E	
⊠ Original					3	5. Bottom Hole Loc Unit:O Lot:O	eation:	wnship:23S Range:30E	
□ Amendment						Feet from: 1159 Feet from: 1643	N/ E/	S Line:S W Line:E	
						7. County:	299549553253	ongitude: -103.830974372048	
						Eddy			
8. Operator Name and Address: OCCIDENTAL PER PO Box 4294	RMIAN LTD				9. OGRID:	157984	10. Phone Numb	er: 713-366-5485	
Houston 77210 11. Last Fracture Date: 5/4/2014 Frac Performed by: Nabors					12. Production Type: O				
13. Pool Code(s): 50443 15. True Vertical Depth (TVD):					14. Gross Fractured Interval: 8,507 ft to 12,772 ft 18. Total Volume of Fluid Pumped:				
7,638 ft 17. Total Volume of Re-Use Water Pumped: N/A						1,310,190 gals 18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed			
19. HYDRAULIC FLUID	COMPOSITION A	ND CONCENTRA	A CONTRACTOR AND A CONT		2 22 2	11000 DS 10 D	2 72 0	3 32004 BK SY 85 52	
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chem Service #	ical Abstract	Maximum Ingred Concentration in		Maximum Ingredient Concentration in HF Fluid (% by	
Water	OCCIDENTAL PETROLEUM	Water	Water	7732-18-5		mass) 1009		82.43061%	
HCI Acid (12.5%-18.0%)	Nabors Completion and Production	Bulk Acid	Hydrogen Chloride	7647-01-0			18%	0.16647%	
Acid Inhibitor 3M (AI-3M)	Services Nabors Completion	Acid Corrosion	1-DECANOL	112-30-1			5%	9E-05%	
Troid illimotor out (tr out)	and Production	Inhibitors	1-OCTANOL	111-87-5			2.5%	5E-05%	
	Services		2-Butoxyethanol	111-76-2 104-55-2			7% 6%	0.00013% 0.00011%	
			Cinnamaldehyde Ethoxylated	68412-54-4			5%	9E-05%	
			Nonyphenol						
			Ethylene Glycol Isopropyl Alcohol	107-21-1 67-63-0			40% 2.5%	0.00075% 5E-05%	
			N,N-Dimethylformamide				20%	0.00038%	
147.45001			Triethyl Phosphate	78-40-0			2.5%	5E-05%	
KR-153SL	Nabors Completion and Production	Biocides	2,2-dibromo-3- nitrilopropionamide	10222-01-2			20%	0.00435%	
	Services		Polyethlyene-Glycol	25322-68-3		50%		0.01087%	
ClayTreat LT	Nabors Completion and Production Services	Clay Control Additives	Water	7732-18-5		65%		0.05732%	
OB Breaker	Nabors Completion and Production	Gel Breakers	Ammonium Persulfate	7727-54-0		100%		0.00211%	
LSG-100	Services Nabors Completion	Gelling Agents	guar gum	9000-30-0	9000-30-0		50%	0.14969%	
	and Production		Petroleum Distillates	64742-47-8			60%	0.17963%	
Overal T Dania Astivates	Services	Description	Surfactant	68439-51-0			2%	0.00599%	
Super LT Resin Activator	Nabors Completion and Production	Proppants - Manufactured	Isopropyl Alcohol	67-63-0			60%	0.0336%	
	Services		Proprietary	Proprietary		80%		0.04479%	
Super OW 3	Nabors Completion and Production Services	Surfactants & Foamers	Dimethylcocoamine, bis (chloroethyl) ether, diquaternary ammonium salt	68607-28-3			60%	0.00048%	
			Isopropyl Alcohol	67-63-0			60%	0.00048%	
TX Specific 16/30 mesh	Nabors Completion	Sand - Bulk - Texas	Methanol Aluminum Oxide	67-56-1 1344-28-1			30% 1.1%	0.00024% 0.09195%	
Sand	and Production	Sund - Dulk - Texas	Crystalline Silica, quartz				99.9%	8.35028%	
	Services		Iron Oxide	1309-37-1			0.1%	0.00836%	
TX Specific 20/40 mesh	Nabors Completion	Sand - Bulk - Texas	Titanium Oxide Aluminum Oxide	13463-67-7 1344-28-1			0.1% 1.1%	0.00836% 0.03212%	
Sand	and Production	Odilu - Dulk - Texas	Crystalline Silica, quartz				99.9%	2.91667%	
	Services		Iron Oxide	1309-37-1			0.1%	0.00292%	
Momentive SiberProp 16/30	Nabors Completion	Proppants -	Titanium Oxide Crystalline Silica	13463-67-7 14808-60-7			0.1% 89%	0.00292% 4.06771%	
Montentive Sibert top 10/30	and Production	Manufactured -	(Quartz)	14000-00-7			0570	4.0077170	
	Services	Momentive	phenolic resin	9003-35-4			20%	0.91409%	
XL-11	Nabors Completion and Production	Cross-linkers	Ethylene Glycol Potassium Hydroxide	107-21-1 1310-58-3			10% 5%	0.01548% 0.00774%	
	Services		Potassium Metaborate	13709-94-9			30%	0.00774%	
A STATE OF THE STA			Water	7732-18-5			75%	0.11608%	
Super Stim-240 E	Nabors Completion and Production Services	Surfactants & Foamers	Alcohol Ethoxylate Surfactants Methyl Alcohol	Proprietary 67-56-1			20%	0.02814% 0.02814%	
			Water 7732-18-5				80%	0.11254%	
SUPER TSC-LTS	Nabors Completion and Production Services	Paraffin & Scale Additives	Water	7732-18-5			60%	0.01161%	
IC-500			2-Mercaptoethanol or Thioglycol	60-24-2			75%	0.00218%	
	Services	, wandves	Aqua Ammonia	1336-21-6			5%	0.00015%	
0	Notes 2	Daroffic 9 Oct-1-	Cupric Chloride	10125-13-0			7%	0.0002%	
Super GREEN SOLV-M	Nabors Completion and Production Services	Paraffin & Scale Additives	Aliphatic Hydrocarbons Dodecane	Proprietary Proprietary			95% 14%	0.00341% 0.0005%	
			tetradecane	Proprietary			11%	0.0004%	
			Tridecane	Proprietary			9%	0.00032%	
EXP-F0829-13	Nabors Completion	Gel Breakers	Undecane Hemicellulase Enzyme	Proprietary Proprietary			8% 1%	0.00029% 5E-05%	
EAI -1 0025-13	and Production	OCI DICANCIS	Trefficellulase Effzyille	roprietary			170	JE-U3%	

Title: Sr. Regulatory Advisor

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

David Stewart

Printed Name: David Stewart

Date: 7/10/2014

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.

Nabors Completion and Production Services