

Submit within 45 days of well completion	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505	Revised November 6, 2013				
		1. WELL API NO: 30-015-41344				
		2. Well Name: FEDERAL 12 #002H				
		3. Well Number: 002H				
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:O Lot:O Section:1 Township:23S Range:30E Feet from:1159 N/S Line:S Feet from:1543 E/W Line:E				
		5. Bottom Hole Location: Unit:O Lot:O Section:12 Township:23S Range:30E Feet from:347 N/S Line:S Feet from:1995 E/W Line:E				
		6. latitude: longitude: 32.3299553173143 -103.830649045605				
		7. County: Eddy				
8. Operator Name and Address: OCCIDENTAL PERMIAN LTD PO Box 4294 Houston 77210		9. OGRID: 157984	10. Phone Number: 713-366-5485			
11. Last Fracture Date: 7/23/2014 Frac Performed by: NABORS		12. Production Type: O				
13. Pool Code(s): 50443		14. Gross Fractured Interval: 8,506 ft to 12,815 ft				
15. True Vertical Depth (TVD): 7,659 ft		16. Total Volume of Fluid Pumped: 202,690 gals				
17. Total Volume of Re-Use Water Pumped: N/A		18. Percent of Re-Use Water in Fluid Pumped: Not Disclosed				
19. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:						
Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemical Abstract Service #	Maximum Ingredient Concentration in Additive (% by mass)	Maximum Ingredient Concentration in HF Fluid (% by mass)
Acid Inhibitor 3M (AI-3M)	Nabors Completion and Production Services	Acid Corrosion Inhibitors	1-DECANOL	112-30-1	5%	0%
			1-OCTANOL	111-87-5	2.5%	0%
			2-Butoxyethanol	111-76-2	7%	0%
			Cinnamaldehyde	104-55-2	6%	0%
			Ethoxylated Nonyphenol	68412-54-4	5%	0%
			Ethylene Glycol	107-21-1	40%	0%
			Isopropyl Alcohol	67-63-0	2.5%	0%
			N,N-Dimethylformamide	68-12-2	20%	0%
HCl Acid (12.5%-18.0%)	Nabors Completion and Production Services	Bulk Acid	Triethyl Phosphate	78-40-0	2.5%	0%
			20° Baume Hydrochloric Acid	7647-01-0	100%	0%
ClayTreat LT	Nabors Completion and Production Services	Clay Control Additives	Water	7732-18-5	100%	0%
OB-2	Nabors Completion and Production Services	Gel Breakers	Water	7732-18-5	65%	0%
			Ammonium Persulfate	7727-54-0	100%	0%
LSG-100	Nabors Completion and Production Services	Gelling Agents	Silica, crystalline quartz	7631-86-9	10%	0%
			guar gum	9000-30-0	50%	0%
Super LT Resin Activator	Nabors Completion and Production Services	Proppants - Manufactured	Petroleum Distillates	64742-47-8	60%	0%
			Surfactant	68439-51-0	2%	0%
Super OW 3	Nabors Completion and Production Services	Surfactants & Foamers	Isopropyl Alcohol	67-63-0	60%	0%
			Proprietary	Proprietary	80%	0%
TX Specific 16/30 mesh Sand	Nabors Completion and Production Services	Sand - Bulk - Texas	Dimethylcocoamine, bis (chloroethyl) ether, diquaternary ammonium salt	68607-28-3	60%	0%
			Isopropyl Alcohol	67-63-0	60%	0%
			Methanol	67-56-1	30%	0%
			Aluminum Oxide	1344-28-1	1.1%	0%
Momentive SiberProp 16/30	Nabors Completion and Production Services	Proppants - Manufactured - Momentive	Crystalline Silica, quartz	14808-60-7	99.9%	0%
			Iron Oxide	1309-37-1	0.1%	0%
			Titanium Oxide	13463-67-7	0.1%	0%
			Crystalline Silica (Quartz)	14808-60-7	89%	0%
XL-11	Nabors Completion and Production Services	Cross-linkers	phenolic resin	9003-35-4	20%	0%
			Ethylene Glycol	107-21-1	10%	0%
			Potassium Hydroxide	1310-58-3	5%	0%
			Potassium Metaborate	13709-94-9	30%	0%
IC-500	Nabors Completion and Production Services	Iron Control Additives	Water	7732-18-5	75%	0%
			2-Mercaptoethanol or Thioglycol	60-24-2	75%	0%
Super GREEN SOLV-M	Nabors Completion and Production Services	Paraffin & Scale Additives	Aqua Ammonia	1336-21-6	5%	0%
			Cupric Chloride	10125-13-0	7%	0%
			Aliphatic Hydrocarbons	Proprietary	95%	0%
			Dodecane	Proprietary	14%	0%
EB-20L	Nabors Completion and Production Services	Gel Breakers	tetradecane	Proprietary	11%	0%
			Tridecane	Proprietary	9%	0%
			Undecane	Proprietary	8%	0%
			Hemicellulase Enzyme	Proprietary	1%	0%
Super TSC 2 LTS	Nabors Completion and Production Services	Paraffin & Scale Additives	AMINO METHYLENE PHOSPHONIC ACID SALT	68649-44-5	100%	0%
			Methanol	67-56-1	100%	0%
AQUCAR DB 20	Nabors Completion and Production Services	Biocides	2,2-Dibromo-3-nitrilo-propionamide (DBNPA)	10222-01-2	20%	0%
			Dibromoacetoneitrile	3252-43-5	3%	0%
			Polyethylene glycol	25322-68-3	54.5%	0%
			Sodium bromide	7647-15-6	4%	0%
Super Stim-340 E	Nabors Completion and Production Services	Surfactants & Foamers	DI water	7732-18-5	90%	0%
Preferred Sands Arizona 20/40	Nabors Completion and Production Services	Proppants - Manufactured - Preferred Sands	*Quartz (SiO2)	14808-60-7	100%	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 Printed Name: David Stewart Title: Sr. Regulatory Advisor						
Date: 12/8/2014						
E-mail Address: david_stewart@oxy.com						

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