

	Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505	1. WELL API NO: 30-015-40920 2. Well Name: GOVERNMENT AB FEDERAL #013 3. Well Number: 013				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒Original ☐Amendment	4. Surface Hole Location: Unit:H Lot:H Section:10 Township:20S Range:28E Feet from:2080 N/S Line:N Feet from:660 E/W Line:E 5. Bottom Hole Location: Unit:H Lot:H Section:10 Township:20S Range:28E Feet from:2080 N/S Line:N Feet from:660 E/W Line:E 6. latitude: longitude: 32.5898112289468 - 104.158708095311 7. County: Eddy					
8. Operator Name and Address: OXY USA WTP LIMITED PARTNERSHIP PO Box 4294 Houston 77210		9. OGRID: 192463				
		10. Phone Number: 713-366-5485				
11. Last Fracture Date: 2/23/2013 Frac Performed by: HALLIBURTON		12. Production Type: O				
13. Pool Code(s): 48035		14. Gross Fractured Interval: 6,353 ft to 6,494 ft				
15. True Vertical Depth (TVD): 6,710 ft		16. Total Volume of Fluid Pumped: 133,881 gals				
17. 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)
2% KCL Water	Operator				2%	1.61146%
Water	Operator	Base Fluid			98%	78.96151%
HYDROCHLORIC ACID 5-10%	Halliburton	Solvent	Hydrochloric acid	7647-01-0	10%	0.12793%
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	17.12959%
CL-22 UC	Halliburton	Crosslinker	Potassium formate	590-29-4	60%	0.05184%
CL-31 CROSSLINKER	Halliburton	Crosslinker	Potassium hydroxide	1310-58-3	5%	0.00156%
			Potassium metaborate	13709-94-9	60%	0.01869%
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.0667%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00214%
LoSurf - 360W	Halliburton	Surfactant	Poly(oxy-1,2-ethanediyl), alpha-isodecyl-, omega-hydroxy-	61827-42-7	30%	0.0006%
			Glycerine	56-81-5	10%	0.0002%
			Complex alkylamine	Confidential Business Information	5%	0.0001%
SCALECHECK LP-55 SCALE INHIBITOR	Halliburton	Scale Inhibitor	Polyacrylate	Confidential Business Information	60%	0.01369%
LCA-1	Halliburton	Solvent	Paraffinic solvent	Confidential Business Information	100%	0.02337%
EXPEDITE 225 CLEAN-UP SOLUTION	Halliburton	Solvent	Ethylene glycol monobutyl ether	111-76-2	60%	0.09355%
			Acetic acid	64-19-7	10%	0.01559%
EXPEDITE 225 COMPONENT A	Halliburton	Resin	Epoxy resin	Confidential Business Information	100%	0.17586%
			Butyl glycidyl ether	2426-08-6	30%	0.05276%
			Butyl lactate	138-22-7	10%	0.01759%
EXPEDITE 225 COMPONENT B	Halliburton	Hardener	Methanol	67-56-1	60%	0.10099%
			Modified cycloaliphatic amine adduct	Mixture	60%	0.10099%
			Phosphate ester	Confidential Business Information	10%	0.01683%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.20425%
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.00714%
			Crystalline silica, quartz	14808-60-7	30%	0.00214%
BE-6 MICROBIOCIDES	Halliburton	Biocides	2-Bromo-2-nitro-1,3-propanediol	52-51-7	100%	0.00171%
SP BREAKER	Halliburton	Breaker	Sodium persulfate	7775-27-1	100%	0.00857%
Ingredients Listed Below This Line Are Part of the			1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-oxo-1-(4-sulfofenyl)-4-[(4-sulfofenyl)azo]-, trisodium salt	1934-21-0	0%	0%
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] -, trisodium salt	915-67-3	0%	0%
			2,7-Naphthalenedisulfonic acid, 5-(acetilamino) - 4-hydroxy-3-[(2-methoxyphenyl) azo] -, disodium salt	6625-46-3	0%	0%
			2-Naphthalenesulfonic acid, 6-hydroxy-5-[(4-sulfofenyl)azo]-, disodium salt	2783-94-0	0%	0%
			Acrylate Polymer	Proprietary	0%	0%
			Amine Salts	75-57-0	0%	0%
			Amine Salts	593-81-7	0%	0%
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%
			Borate salts	92908-33-3	0%	0%
			Crystalline silica, quartz	14808-60-7	0%	0%
			Cured Acrylic Resin	Mixture	0%	0%
			Ethylenediamine	107-15-3	0%	0%
			FD&C Blue 1	3844-45-9	0%	0%
			Food red 10	3734-67-6	0%	0%
			Organo Amino Silane	1760-24-3	0%	0%
			Phosphoric acid	7664-38-2	0%	0%
			Quaternary Amine	34004-36-9	0%	0%
			Quaternary Amine	3327-22-8	0%	0%
			Quaternary Amine	75-50-3	0%	0%
			Quaternary Amine	177149-89-2	0%	0%
			Silica gel	112926-00-8	0%	0%
			Siloxanes and silicones, dimethyl,	63148-52-7	0%	0%
			Sodium carboxymethyl cellulose	9004-32-4	0%	0%
			Sodium chloride	7647-14-5	0%	0%
			Sodium glycollate	2836-32-0	0%	0%
			Sodium sulfate	7757-82-6	0%	0%
			Surfactant Mixture	67254-71-1	0%	