

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: 30-015-42145						
2. Well Name: JAMES RANCH UNIT #190H						
3. Well Number: 190H		4. Surface Hole Location: Unit:A Lot:A Section:36 Township:22S Range:30E Feet from:630 N/S Line:N Feet from:370 E/W Line:E				
5. Bottom Hole Location: Unit:A Lot:A Section:36 Township:22S Range:30E Feet from:630 N/S Line:N Feet from:370 E/W Line:E		6. Latitude: 32.3540646443684 Longitude: -103.826812070632				
7. County: Eddy						
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment						
8. Operator Name and Address: BOPCO, L.P. 6 Desta Drive, Ste 3700 P. O. Box 2760 Midland 79702				9. OGRID: 260737	10. Phone Number: 432-683-2277	
11. Last Fracture Date: 6/3/2014 Frac Performed by: Cudd Energy Services				12. Production Type: O		
13. Pool Code(s): 40295				14. Gross Fractured Interval: Confidential		
15. True Vertical Depth (TVD): 10,902 ft				16. Total Volume of Fluid Pumped: 3,386,299 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)
Water		Carrier / Base Fluid		7732-18-5	100%	86.12664%
CarboBond	Carbo Ceramics	Proppant	Silicon Dioxide, amorphous as glass	7631-86-9	35%	0.41656%
			Mullite	1302-93-8	85%	1.01164%
			Silica Crystalline-Cristobalite	14464-46-1	20%	0.23803%
			Phenol Formaldehyde Resin	9003-35-4	5%	0.05951%
AGA-380	Chemplex, L.C.	Acid Gellant	Acetic Acid	64-19-7	1%	2E-05%
			Sodium Bisulfite (Trade Secret)	7631-90-5	64%	0.00102%
			Petroleum Distillate	64742-47-8	35%	0.00056%
FR-620	Chemplex	Friction Reducer	Polyacrylamide derivatives	Mixture	100%	0.00044%
			Petroleum Distillate	64742-47-8	100%	0.00037%
15% Hydrochloric Acid	Reagent	Scale Dissolver	37% Hydrochloric Acid	7647-01-0	15%	0.24871%
			Water	7732-18-5	85%	1.40934%
I-122	Chemplex, L.C.	Acid Corrosion Inhibitor	Methanol	67-56-1	70%	0.00106%
			Propargyl alcohol	107-19-7	8%	0.00021%
			Alcohol Ethoxylate Surfactants	Trade Secret	30%	0.00079%
			n-olefins	Trade Secret	10%	0.00026%
			thiourea-formaldehyde copolymer	68527-49-1	30%	0.00079%
SG-15G	PIP Technology	Polymer	Guar Gum	9000-30-0	50%	0.27314%
			Petroleum Distillate (Mineral Oil)	64742-47-8	55%	0.30045%
			Bentonite Clay	14808-60-7	2%	0.01093%
			Surfactant	68439-51-0	2%	0.01093%
CX-20	Benchmark	Crosslinker	Triethanolamine	102-71-6	65%	0.04994%
			Isopropanol	67-63-0	22%	0.0169%
GB-125	Benchmark	Breaker	Silica Crystalline-Quartz	14808-60-7	10%	0.01066%
GB-150	Chemplex, L.C.	Breaker	Non-hazardous ingredients	NA	100%	0.00624%
NE-227	CESI	Non-emulsifier	Isopropanol	67-63-0	15%	0.0128%
			Methanol	67-56-1	15%	0.0128%
			Ethoxylated Nonylphenol	9016-45-9	20%	0.01707%
FE-4	Chemplex, L.C.	Iron Control Additive	Citric Acid Anhydrous	77-92-9	55%	0.00502%
			Water	7732-18-5	55%	0.00502%
SI-625	Keltech	Scale Inhibitor	Methanol	67-56-1	19.9%	0.00771%
Carbo Econoprop	Carbo Ceramics	Proppant	Silicon Dioxide, amorphous as glass	7631-86-9	35%	3.55266%
			Mullite	1302-93-8	85%	8.62789%
			Silica Crystalline-Cristobalite	14464-46-1	20%	2.03009%
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: Emma Z Galindo		Title: Engineering Assistant		
Date: 6/13/2014						
E-mail Address: ezgalindo@basspet.com						