

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: 30-025-41366				
		2. Well Name: QUAIL 16 STATE #008H				
		3. Well Number: 008H				
HYDRAULIC FRACTURING FLUID DISCLOSURE ☒ Original ☐ Amendment		4. Surface Hole Location: Unit: O Lot: O Section: 16 Township: 20S Range: 34E Feet from: 262 N/S Line: S Feet from: 2080 E/W Line: E				
		5. Bottom Hole Location: Unit: O Lot: O Section: 16 Township: 20S Range: 34E Feet from: 262 N/S Line: S Feet from: 2080 E/W Line: E				
		6. Latitude: 32.5666069586674 Longitude: -103.563470802151				
		7. County: Lea				
8. Operator Name and Address: FASKEN OIL & RANCH LTD 6101 Holiday Hill Road Midland 79707		9. OGRID: 151416	10. Phone Number: 432-687-1777			
11. Last Fracture Date: 1/9/2014 Frac Performed by: Pro Petro		12. Production Type: O				
13. Pool Code(s): 37580		14. Gross Fractured Interval: 11,276 ft to 15,364 ft				
15. True Vertical Depth (TVD): 10,978 ft		16. Total Volume of Fluid Pumped: 2,951,214 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%	87.34389%
Sand (Proppant)		Proppant	Silica	14808-60-7	100%	9.78275%
Hydrochloric Acid	Reagent Chemical		Hydrogen Chloride	7647-01-0	40%	0.46042%
IC-5	Economy Polymers	Iron Control	Water	7732-18-5	67%	0.65357%
			Acetic Acid	64-19-7	60%	0.0033%
			Citric Acid	77-92-9	30%	0.00165%
			Water	7732-18-5	60%	0.00293%
CI-200	Economy Polymers	Corrosion Inhibitor	Methanol	67-56-1	60%	0.00098%
LGW-01	Economy Polymers	Gellant	Petroleum Distillates	64747-47-8	60%	0%
			Polysaccharide Blend	NA	60%	0%
			CL-03	ASK Chemical	Crosslinker	Potassium Hydroxide
Ethylene Glycol	107-21-1	25%				0%
Proprietary Component	NA	25%				0%
Proprietary Component	NA	15%				0%
Proprietary Component	NA	10%				0%
BR-1	Economy Polymers	Breaker	Ammonium Persulfate	7727-54-0	98%	0.01085%
BR03	Economy Polymers	Breaker	Ammonium Persulfate	7727-54-0	60%	0%
			Cured Acrylic Resin	NA	25%	0%
			Silica, Crystalline-Quartz	14808-60-7	15%	0%
			Plexgel XPA	Chemplex	Breaker	Hydrogen Peroxide
FRB-01	ASK Chemical	Friction Breaker	Ammonium Persulfate	7727-54-0	100%	0%
FR-02-C	Economy Polymers	Friction Reducer	Petroleum Distillates	64747-47-8	25%	0.02428%
			Trade Secret	Trade Secret	100%	0.09714%
NE-602	Evironmental Energy Service	Surfactant	Trade Secret	Trade Secret	100%	0%
BC-1058	Buckman Lab.	Biocide	Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione	533-74-4	24%	0.00876%
			Sodium Hydroxide	1310-73-2	11%	0.00401%
BC-01	Economy Polymers	Biocide (Dry)	Dibromo - Nitrilopropionamide	10222-01-2	100%	0.00016%
Acetic Acid	Economy Polymers	Ph Control	Glacial Acetic Acid	64-19-7	80%	0%
			Methanol	67-56-1	30%	0%
HB-01	Economy Polymers	Ph Control	Sodium Hydroxide	1310-73-2	100%	0%
			Sulfuric Acid	7664-93-9	1.5%	0%
Benzoic Acid Flakes	Sigma-Aldrich	Diverter	Benzoic Acid	65-85-0	100%	0%
Plexaid OS-30	Chemplex	Oxygen Scavenger	Ammonium Bisulfite	010192-30-0	55%	0.00968%
StimOil FBA-M	CESI Chemical	Surfactant	Isopropyl Alcohol	67-63-0	30%	0.02706%
			Citrus Terpenes	68647-72-3	30%	0.02706%
			Trade Secret	Trade Secret	20%	0.01804%
			Methanol	67-56-1	60%	0.01017%
Cortron R-2340	Champion Technologies	Corrosion Inhibitor	Acetic Acid	64-19-7	5%	0.00085%
			Amines, coco alkyl, acetates	Proprietary	10%	0.0017%
			CorrSorb 6000	Baker Hughes	Corrosion Inhibitor	Diatomaceous earth, calcined
Quaternary ammonium chloride	Trade Secret	30%				0.00531%
Acid phosphate ester	Trade Secret	10%				0.00177%
Crystalline silica: Quartz	14808-60-7	1%				0.00018%
ScaleSorb 3	Baker Hughes	Scale Inhibitor	Diatomaceous earth, calcined	91053-39-3	100%	0.00403%
			Amino Alkyl Phosphonic Acid	Trade Secret	30%	0.00121%
			Phosphonic Acid	13598-36-2	1%	4E-05%
			Crystalline silica: Quartz	14808-60-7	1%	4E-05%
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: Kim Tyson Title: _____ Date: 1/28/2014 E-mail Address: kimt@fort.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.