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 February 15, 2012

1. WELL API NO.
30-025-40361

2. Well Name:
QUAIL 16 STATE #003H

3. Well Number:
003H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ **Original**

☐ **Amendment**

4. Surface Hole Location:
Unit:M Lot:M Section:16 Township:20S Range:34E
Feet from:660 N/S Line:S
Feet from:330 E/W Line:W

5. Bottom Hole Location:
Unit:M Lot:M Section:16 Township:20S Range:34E
Feet from:660 N/S Line:S
Feet from:330 E/W Line:W

6. latitude: 32.5677106911258
longitude: -103.572811506079

7. County:
Lea

8. Operator Name and Address:
FASKEN OIL & RANCH LTD
303 West Wall, Suite 1800
Midland 79701

9. OGRID:
151416

10. Phone Number:
432-687-1777

11. Last Fracture Date: 9/10/2012 Frac Performed by: Cudd Energy Services

12. Production Type:
O

13. Pool Code(s):
37570

14. Gross Fractured Interval:
12,426 ft to 14,930 ft

15. True Vertical Depth (TVD):
14,942 ft

16. Total Volume of Fluid Pumped:
65,025 bbls

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)
Water		Carrier / Base Fluid		7732-18-5	100%	86.53106%
Sand		Proppant	Silicon Dioxide	14808-60-7	100%	0.58347%
Super LC RCS	Sandtrol	Proppant	Silicon Dioxide	14808-60-7	97%	10.45606%
			P/F Novolak Resin	9003-35-4	5%	0.53897%
			Hexamethylenetetramine	1009-7-0	0%	0%
CarboBond	Carbo Ceramics	Proppant	Silicon Dioxide, amorphous as glass	7631-86-9	35%	0%
			Mullite	1302-93-8	85%	0%
			Silica Crystalline-Cristobalite	14464-46-1	20%	0%
			Phenol Formaldehyde Resin	9003-35-4	5%	0%
Carbo HydroProp	Carbo Ceramics	Proppant	Silicon Dioxide, amorphous as glass	7631-86-9	10%	0%
			Mullite	1302-93-8	85%	0%
			Silica Crystalline-Cristobalite	14464-46-1	30%	0%
Carbo Prop ISP	Carbo Ceramics	Proppant	Corundum	1302-74-5	60%	0%
			Mullite	1302-93-8	60%	0%
Sinterlite (Proppant)	Sintex Minerals & Services	Proppant	Bauxite	1318-1607	100%	0%
					0%	0%

B-15	Water Science Tech	Biocide	Tetrakis (hydroxymethyl) phosphonium sulfate	55566-30-8	20%	0.0019%
			Water	7732-18-5	80%	0.0076%
B-22	Baker Hughes	Biocide	2-Methyl-4-isothiazolin-3-one	2682-20-4	5%	0%
			Magnesium Chloride	7786-30-3	10%	0%
			Magnesium Nitrate	10377-60-3	10%	0%
			Crystalline Silica, Quartz	14808-60-7	1%	0%
			5-Chloro-2-Methyl-4-Isothiazolin-3-One	26172-55-4	10%	0%
			Natural Diatomaceous Earth	61790-53-2	60%	0%
B-24	Weatherfork	Biocide	2,2 Dibromo-3-Nitrilopropionamide	10222-01-2	100%	0%
B-115	Reef	Liquid Biocide	Gluteraldehyde	111-30-8	15%	0%
			Methanol(Proprietary)	67-56-1	85%	0%
			Water(Proprietary)	7732-18-5	85%	0%
BA-2	Chemplex,L.C.	Buffer	Sulfamic acid	5329-14-6	100%	0%
Buffer H	Chemplex,L.C.	Buffer	Sodium Hydroxide	1310-73-2	25%	0%
			Water	7732-18-5	75%	0%
Sodium Bicarbonate	Benchmark	Buffer	Sodium Bicarbonate	NA	100%	0%
BF-125	Cudd	Buffer	Acetic Acid	64-19-7	6.4%	0%
			Water	7732-18-5	93.6%	0%
BF-200	ASK	Buffer	Potassium Hydroxide	1310-58-3	25%	0.02357%
			Water	7732-18-5	80%	0.07544%
BF-440	Benchmark	Buffer	Fumaric Acid	110-17-8	100%	0%
BF-470	Benchmark	Buffer	Potassium Hydroxide	1310-58-3	90%	0%
			Potassium Carbonate	5840-87	48%	0%
			Water	7732-18-5	54%	0%
AGA-340	Chemplex, L.C.	Acid Gellant	Methanol	67-56-1	50%	0%
			Alkoxylated	Mixture	40%	0%
AGA-380	Chemplex, L.C.	Acid Gellant	Acetic Acid	64-19-7	1%	1E-05%
			Sodium Bisulfite(Trade Secret)	7631-90-5	64%	0.00042%
			Petroleum Distillate	64742-47-8	35%	0.00023%
AGA-400	Weatherford	Acid Gellant	Ethanaminium,N,N,N-tremethyl-2-[(1-0xo-2-		0%	0%
			propenyl)oxy]-chloride,polymer with 2-propenamide	69418-26-4	70%	0%
			Petroleum Distillates	64742-47-8	60%	0%
			Alcohols, C-12-14-secondary, ethoxylated	84133-50-6	7%	0%
			Citric Acid	77-92-9	7%	0%
			Adipic acid	124-04-9	7%	0%
AR-102	Reef	Acid Retarding Agent	Ethanol, 2,2'-Iminobis-,N-Tallow Alkyl Deriviatives	61791-44-4	100%	0%
			Amines, Tallow Alkyl	61790-33-8	100%	0%
			Poly(Oxyethylene) Glycol	25322-68-3	100%	0%
			Glacial Acetic Acid	64-19-7	100%	0%
			Isopropanol	67-63-0	100%	0%
FR-10	Nalco	Friction Reducer	Acrylamide Modified Polymer	Proprietary	60%	0%
			Oxyalkylated alcohol	Proprietary	5%	0%
			Adipic acid	124-04-9	5%	0%
FR-601	SNF	Friction Reducer	Copolymer of acrylamide and sodium acrylate	25987-30-8	100%	0%
			Isoparaffinic Solvent	64742-47-8	100%	0%
			Water	7732-18-5	100%	0%
			Nonylphenol	9016-45-9	100%	0%
			Sorbitan Monooleate	1338-43-8	100%	0%
FR-620	Chemplex	Friction Reducer	Polyacrylamide derivatives	Mixture	100%	0%
			Petroleum Distillate	64742-47-8	100%	0%
FR-625	Weatherford	Friction Reducer			0%	0%
FRA-4	Nalco	Friction Reducer	Non-hazardous ingredients	Proprietary	100%	0%
FRA-104/AGA-380	Chemplex	Friction Reducer	Acetic Acid	64-19-7	1%	0%
			Sodium Bisulfite	7631-90-5	64%	0%
			Petroleum Distillate	64742-47-8	35%	0%

CS-14	Chemplex, L.C.	Clay Control	Non-hazardous salts (Choline)	Proprietary	66%	0.06452%
			Water	7732-18-5	45%	0.04399%
			Non-hazardous salt	Proprietary	75%	0%
			Water	7732-18-5	15%	0%
CS-39	Water Mark Tech.	Clay Control	Poly electrolyte	Proprietary	40%	0%
			Inorganic chemical	Proprietary	20%	0%
			Water	7732-18-5	60%	0%
			Various chlorides	16887-00-6	30%	0%
CS-100	Agri-Empressa	Clay Control	Potassium Chloride	7447-40-7	99%	0%
CS-135	Chemplex	Permanent Clay Control	Cationic Polymers	NA	100%	0%
7.5% Hydrochloric Acid	Reagent	Scale Dissolver	36% Hydrochloric Acid	7647-01-0	7.5%	0%
			Water	7732-18-5	92.5%	0%
10.0% Hydrochloric Acid	Reagent	Scale Dissolver	36% Hydrochloric Acid	7647-01-0	10%	0%
			Water	7732-18-5	90%	0%
15% Hydrochloric Acid	Reagent	Scale Dissolver	36% Hydrochloric Acid	7647-01-0	15%	0.15234%
			Water	7732-18-5	85%	0.86325%
20% Hydrochloric Acid	Reagent	Scale Dissolver	36% Hydrochloric Acid	7647-01-0	20%	0%
			Water	7732-18-5	80%	0%
28% Hydrochloric Acid	Reagent	Scale Dissolver	36% Hydrochloric Acid	7647-01-0	28%	0%
			Water	7732-18-5	72%	0%
					0%	0%
					0%	0%
					0%	0%
					0%	0%
I-24	Nalco	Inhibitor	Methanol	67-56-1	30%	0%
			Haloalkyl heteropolycycle salt	Proprietary	30%	0%
			Formamide	75-12-7	30%	0%
			Isopropanol	67-63-0	30%	0%
			Ethoxylated 4-nonylphenol	26027-38-3	10%	0%
			substituted alcohol	Proprietary	5%	0%
			Propargyl alcohol	107-19-7	5%	0%
			Heavy aromatic naphtha	64742-94-5	5%	0%
			Pine oil	2228957	5%	0%
			Naphthalene	91-20-3	1%	0%
			Benzyl Chloride	100-44-7	1%	0%
I-30	Baker	H2S Cracking Inhibitor	Alkanolamine/aldehyde condensate	Proprietary	60%	0%
			Methanol	67-56-1	10%	0%
			Monoethanolamine	141-43-5	5%	0%
I-40	Chemplex,L.C.	Corrosiion Inhibitor Intensifier	Formic Acid	64-18-6	95%	0%
I-112	Chemplex,L.C.	Acid Corrosion Inhibitor	Methanol	67-56-1	49.6%	0%
			Propargyl Alcohol	107-19-7	4%	0%
I-116	Chemplex,L.C.	Acid Corrosion Inhibitor	2-Propanol	67-63-0	100%	0%
			2-Propyn-1-OL	107-19-7	100%	0%
I-117	Chemplex,L.C.	Acid Corrosion Inhibitor	Methanol	67-56-1	35%	0%
			Propargyl alcohol	107-19-7	10%	0%
I-122	Chemplex,L.C.	Acid Corrosion Inhibitor	Methonol	67-56-1	70%	0.00033%
			Propargyl alcohol	107-19-7	8%	7E-05%
			Alcohol Ethoxylate Surfactants	Trade Secret	30%	0.00025%
			n-olefins	Trade Secret	10%	8E-05%
			thiourea-formaldehyde copolymer	68527-49-1	30%	0.00025%

I-140	Chemplex,L.C.	Acid Corrosion Inhibitor	Methanol	67-56-1	35%	0%
			Benzyl alcyl pyridinium choride	689096-18-2	30%	0%
			Thiourea	62566	11%	0%
I-145	Nalco	Corrosiion Inhibitor Intensifier	Methanol	67-56-1	10%	0%
			Substituted alkylamine	Proprietary	5%	0%
			Ethylene Glycol	107-21-1	30%	0%
			Antimony Pentoxide	1314-60-9	30%	0%
			Diethanolamine	111-42-2	5%	0%
SG-15G	PfP Technology	Polymer	Guar Gum	9000-30-0	50%	0.33208%
			Petroleum Distillate (Mineral Oil)	64742-47-8	55%	0.36529%
			Bentonite Clay	14808-60-7	2%	0.01328%
			Surfactant	68439-51-0	2%	0.01328%
					0%	0%
SG-20G	PfP Technology	Polymer	Guar Gum	9000-30-0	50%	0%
			Petroleum Distallte (Mineral Oil)	64742-47-8	55%	0%
			Bentonite Clay	14808-60-7	2%	0%
			Surfactant	68439-51-0	2%	0%
OG-200	Chemplex, L.C.	Oil Gellant	Petroleum Naphtha	64742-88-7	15%	0%
			Salt of Phosphate ester	Not Available	75%	0%
OA-220	Chemplex, L.C.	Oil Gellant Activator	Complex Organometallic Salt	Not Established	75%	0%
			Isopropanol	67-63-0	30%	0%
CX-10	Benchmark	Crosslinker	Sodium Borate Decahydrate	1303-96-4	29.9%	0%
			Water	7732-18-5	69.1%	0%
CX-14G	Benchmark	Crosslinker	Petroleum Distillates	Proprietary	100%	0.08217%
			Organic alcohol	Proprietary	100%	0.08217%
CX-14A	Benchmark	Crosslinker	Sodium Tetraborate	1330-43-4	25%	0%
			Proprietary	Proprietary	75%	0%
CX-20	Benchmark	Crosslinker	Triethanolamine	102-71-6	65%	0%
			Isopropanol	67-63-0	22%	0%
CX-22A	Benchmark	Crosslinker	Non-hazardous ingredients	Proprietary	100%	0%
XL-330	Chemplex, L.C.	Crosslinker	Ethylene Glycol	107-21-1	10%	0%
			Sodium Hydoxide	1310-73-2	10%	0%
			Sodium Metaborate Tetrahydrate	35585-58-1	30%	0%
XL-335	ASK	Crosslinker	Ethylene Glycol	107-21-1	25%	0%
			Potassium Hydroxide	1310-58-3	25%	0%
			Proprietary	Proprietary	25%	0%
			Proprietary	Proprietary	15%	0%
			Proprietary	Proprietary	10%	0%
XLA-1	Weatherford	Acid Crosslinker	Ferric Iron Chloride	7705-08-0	60%	0%
XLA-3	Weatherford	Acid Crosslinker	Aluminum Chloride	7446-70-0	60%	0%
BC-1	Benchmark	Breaker Catalyst	Triethanolamine	102-71-6	100%	0%
			Diethanolamine	111-42-2	30%	0%
GB-2	Fritz Industries, Inc.	Breaker	Ammonium Persulfate	7727-54-0	99.9%	0%
GB-2L	MIC Specialty Chem	Breaker	Ammonium Persulfate	7727-54-0	98%	0%
GB-3	Clearwater	Breaker	Tert-Butyl Hydroperoxide	75-91-2	70%	0%
GB-4	TBC-Brinadd	Breaker	Proprietary	Proprietary	35%	0%
			Proprietary	Proprietary	60%	0%
			Proprietary	Proprietary	5%	0%
GB-125	Benchmark	Breaker	Silica Crystalline-Quartz	14808-60-7	10%	0%
GB-150	Chemplex, L.C.	Breaker	Non-hazardous ingredients	NA	100%	0.00375%

GB-170	Chemplex, L.C.	Breaker	Non-hazardous ingredients	NA	100%	0%
EGB-16LT	Fritz Industries, Inc.	Breaker	Ammonium Persulfate	7727-54-0	99.9%	0%
			Silica, Crystalline-Quartz	14808-60-7	10%	0%
EGB-16HT	Fritz Industries, Inc.	Breaker	Ammonium Persulfate	7727-54-0	99.9%	0.00522%
			Silica, Crystalline-Quartz	14808-60-7	10%	0.00052%
					0%	0%
FLA-4	Nalco	Fluid Loss	Starch	9005-25-8	60%	0%
NE-21	Nalco	Surfactant	Methanol	67-56-1	30%	0%
			Ethoxylated alcohols	Proprietary	10%	0%
			Oxyalkylated alcohol	Proprietary	30%	0%
NE-30	Water Mark Tech.	Surfactant	Blend	Proprietary	50%	0%
			Water	7732-18-5	70%	0%
NE-212	Chemplex, L.C.	Non-emulsifier	Isopropanol	67-63-0	5%	0%
			Methanol	67-56-1	50%	0%
			Alkyl Quanternary Ammonium Chlorides	Mixture	25%	0%
			Diethanolamine	111422	2%	0%
			1,3-Propanediol, 2-amino-2-(hm)-polymer	Trade Secret	8%	0%
			2-Butoxy-1-ethanol	111-76-2	7%	0%
			Cocamide Diethanolamine Salt	68603-42-9	2%	0%
NE-214	Chemplex, L.C.	Non-emulsifier	Isopropanol	67-63-0	12%	0%
			Methanol	67-56-1	40%	0%
			Alkyl Quanternary Ammonium Chlorides	Mixture	20%	0%
NE-217	Chemplex, L.C.	Non-emulsifier	Methanol	67-56-1	50%	0.00042%
NE-218	Chemplex, L.C.	Non-emulsifier	Methanol	67-56-1	50%	0%
NE-224	Chemplex, L.C.	Non-emulsifier	Methanol	67-56-1	30%	0%
NE-225	Chemplex, L.C.	Non-emulsifier	Methanol	67-56-1	15%	0%
NE-226	Chemplex, L.C.	Non-emulsifier	Isopropanol	67-63-0	20%	0%
NE-227	CESI	Non-emulsifier	Isopropanol	67-63-0	15%	0.01322%
			Methanol	67-56-1	15%	0.01322%
			Ethoxylated Nonylphenol	9016-45-9	20%	0.01762%
EMS-44+	CESI	Non-emulsifier	Isopropanol	67-63-0	20%	0%
			Cyclohexenes	5989-27-5	30%	0%
			Alcohols	Proprietary	30%	0%
			Alkyl Alkoxylate	Proprietary	30%	0%
E-560	Chemplex, L.C.	Emulsifier	Methanol	67-56-1	25%	0%
			Nonylphenol Ethoxylate	9016-45-9	20%	0%
E-565	Chemplex, L.C.	Emulsifier	Surfactant	NA	100%	0%
E-610	Chemplex, L.C.	Emulsifier	Methanol	67-56-1	50%	0%
			Nonylphenol Ethoxylate	26027-38-3	60%	0%
E-620	Chemplex, L.C.	Emulsifier	Methanol	67-56-1	30%	0%
			Nonylphenol Ethoxylate	26027-38-3	30%	0%
FA-510	Chemplex, L.C.	Foaming Agent	Ethanol	64-17-5	30%	0%
			Isopropanol	67-63-0	20%	0%
			Ammonium Alcohol Ether Sulfate	68187-17-7	30%	0%
FA-520	Chemplex, L.C.	Foaming Agent	Methanol	67-56-1	40%	0%
			Fatty Alkyl Amine Salt	Not Established	40%	0%
FA-685	Weatherfork	Foaming Agent	Alkyl Quaternary Ammonium Salt	Not Established	100%	0%
FE-4	Chemplex, L.C.	Iron Control Additive	Citric Acid Anhydrous	77-92-9	55%	0.00309%
			Water	7732-18-5	55%	0.00309%
FE-6	Chemplex, L.C.	Iron Control Additive	Acetic Acid	Mixture	85%	0%
			Methanol	67-56-1	5%	0%

FE-8	Chemplex, L.C.	Iron Control Additive	Formic Acid	64-18-6	95%	0%
FE-330	Reef	Iron Control Additive	Stannous Chloride Dihydrate	10025-69-1	50%	0%
			Hydrochloric Acid	7647-01-0	50%	0%
FE-360	Chemplex, L.C.	Iron Control Additive	Cupric Chloride Dihydrate	10125-13-0	7%	0%
			Thioglycol	60-24-2	80%	0%
FE-380	Chemplex, L.C.	Iron Control Additive	Cupric Chloride Dihydrate	10125-13-0	10%	0%
			Thioglycol	60-24-2	80%	0%
FE-400	Reef	Iron Control Additive	Methanol	67-56-1	50%	0%
			Isopropanol	67-63-0	50%	0%
MS-42	Chemplex, L.C.	Mutual Solvent	Ethylene Glycol monobutyl ether	111-76-2	100%	0%
PF-1(SCI-300)	Chemplex, L.C.	Scale Corrosion Inhibitor	Methanol	67-56-1	15%	0%
			Ammonium Bisulfite	10192-30-0	9.99%	0%
			Fatty Alkyl Amine Salt	61790-85-0	7%	0%
SI-625	Keltech	Scale Inhibitor	Methanol	67-56-1	19.9%	0%
SC-119	Chemplex, L.C.	Scale Converter	Salts	Not Applicable	100%	0%
S-220	Chemplex, L.C.	Surfactant	Methanol	67-56-1	30%	0%
			Alcohol Alkoxylate	Not Applicable	20%	0%
			Ethyleneglycol Monobutyl Ether	111-76-2	5%	0%
S-221	Chemplex, L.C.	Surfactant	Methanol	67-56-1	30%	0%
			Alcohol Alkoxylate	Not Applicable	20%	0%
			Ethyleneglycol Monobutyl Ether	111-76-2	5%	0%
S-222	Chemplex, L.C.	Flouro Surfactant	Methanol	67-56-1	100%	0%
SS-104	Chemplex, L.C.	Silt Suspender	Methanol	67-56-1	100%	0%
Xylene	Thomas Petroleum	Solvent	Xylene	1330-20-7	100%	0%
Toluene	Thomas Petroleum	Solvent	Toluene	108-88-3	100%	0%
Methanol	Univar	Alcohol	Methanol	67-56-1	100%	0%
PAS-C	Reef	Asphalene/Paraffin Solvent	Ethylene Glycol monbutyl Ether	111-76-2	20%	0%
			Isopropanol	67-30-0	20%	0%
			Ethyl Acetate	141-78-6	20%	0%
			Glacial Acetic Acid	64-19-7	20%	0%
			Isopropylamine	75-31-0	20%	0%
			Dodecylbenzene Sulfonic Acid	27176-87-0	20%	0%
Superset U	Santrol	Resin Activator	Denatured Ethanol	64-17-5	50%	0%
			Di(ethylene gycol) ethyl ether acetate	112-15-56-1	54%	0%
Superset W	Santrol	Resin Activator	Methanol	67-56-1	50%	0%
			Poly(oxyethylene) nonyphenol ether	9016-45-9	54%	0%
Dixichor Max	Impact	Biocide	Sodium Hypochlorite	7681-52-9	12.5%	0%
			Sodium Chlorite		9%	0%
			Sodium Hydroxide	1310-73-2	0.5%	0%
			Water	7732-18-5	78%	0%
Bactron K-139	Champion	Biocide	Gluteraldehyde	111-30-8	5%	0%
			Quaternary ammonium cpds	68424-85-1	10%	0%
			Ethanol	64-17--5	5%	0%
Gyptron T-249	Champion	Scale Inhibitor	Amine Phosphonate 1	Proprietary	60%	0%
			Hydrochloric Acid	7647-01-0	10%	0%
			Phosphoric Acid	7664-38-2	1%	0%
Cortron R-2340	Champion	Scale Inhibitor	Methanol	67-56-1	60%	0%
			Acetic Acid	64-19-7	5%	0%
			Amines	Proprietary	10%	0%
Surfatron 613	Champion	KCL Substitute	Quaternary Salt	Proprietary	60%	0%

Rocksalt	AgriEmpressa	Diverter	Sodium Chloirde	7647-14-5	100%	0%
SI-4400	Cochran Chemical	Scale Inhibitor	Methanol	67-56-1	18%	0%
ISR-100	WadeCo Specialties	Proprietary	Proprietary	Blend	100%	0%
SI-204	WadeCo Specialties	Scale Inhibitor		Proprietary	100%	0%
ScaleSorb 3	Baker Petrolite	Scale Inhibitor	Diatomaceous earth, calcined	91053-39-3	100%	0%
			Amino Alkyl phosphonic acid	Trade Secret	30%	0%
			Phosponic acid	13598-36-2	1%	0%
			Crystalline silica: Quartz (SiO2)	14808-60-7	1%	0%
CorrSorb 3500	BJ Chemical Services	Corrosion Inhibitor	Diatomaceous earth, calcined	91053-39-3	100%	0.00285%
			Quaternary ammonium cpd	Trade Secret	30%	0.00114%
			Ethyl Alcohol	64-17-5	5%	4E-05%
			Acid phosphate Ester	Trade Secret	10%	4E-05%
			Crystalline silica: Quartz (SiO2)	14808-60-7	1%	4E-05%
SCW-625	Tech Management	Scale Inhibitor	Methanol	67-56-1	100%	0%
Tetra 1441N7	Escudero	Scale Inhibitor	Hydrochloric Acid	7647-01-0	100%	0%
			Phosphonic Acid	Proprietary	100%	0%
			Posphoric Acid	7664-38-2	100%	0%
			Phosporous Acid	13598-36-2	100%	0%
X-Chem B-55	Xchem	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	5%	0%
TSC-6755	Xchem	Scale Inhibitor	Phosphonic acid, [nitrilotris(methylene)tris-,pentasodium salt	2235-43-0	30%	0%
			Sodium chloride	7647-14-5	5%	0%
GB-210	Reef	Polyacrlamide Breaker	CS-210PB	Blend	100%	0%
Crude Oil	Customer	Base fluid/Carrier	Hydrocarbons	8002-05-9	100%	0%

18. 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: 10/4/2012

E-mail Address: kimt@forl.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.