Submit within 45 days of well completion

Revised November 01, 2011

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

HYDRAULIC FRACTURING FLUID DISCLOSURE

- **Original**
- **Amendment**

1. API NO. 30-025-41498
2. Well Name: BURRO 33 FEDERAL COM #003H
3. Well Number: 003H
4. Surface Hole Location:
   Unit: I Lot: Section: 33 Township: 21S Range: 32E
   FTG from N/S: 2310 FSL FTG from E/W: 330 FEL
5. Bottom Hole Location:
   Unit: I Lot: Section: 33 Township: 21S Range: 32E
   FTG from N/S: 2310 FSL FTG from E/W: 330 FEL
6. Date Completed: 07/29/2014
7. Production: OIL GAS/NONCARTED COLP/PCA/NAMPED

8. Operator: OXY USA INCORPORATED
   Address: 5 GREENWAY PLAZA - PRODUCTION COMPANY, LP
   City: Houston Zip/Postal Code: 77046
   Contact Name: Jennifer Duarte
9. API: 0135
10. Phone Number: 432-225-5759
11. Last Fracture Date: 11/12/2014 Post-Perforation or Stimulation: Stimulation
12. Production Type: OIL
13. Total Number of Fracture Stages: 15
14. Total Water Volume (gal): 3,000,000
15. Total Proppant Used (lbs): 3,000,000
16. Total Acid Used (gal): 0
17. Hydraulic Fracture Fluid Product Count: 19
18. Ingredients Intentionally Added: YES
19. Total Base Water Volume (gal): 2,900,000
20. Total Base Non-Water Volume (gal): 100,000

21. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service #	Maximum Ingredient Concentration in Additive (% by mass)	Maximum Ingredient Concentration in HF Fluid (% by mass)
Water	Operator	Carrier	Water	7732-18-5	100%	91.5421%
Sand, White, 16/30	Baker Hughes	Proppant	Silica, quartz sand	14808-60-7	99%	8.7479%
Sand, White, 100 mesh	Baker Hughes	Proppant	Silica, quartz sand	14808-60-7	99%	2.3811%
Super LC, 20/40	Baker Hughes	Proppant	Silica, quartz sand	14808-60-7	99%	1.9004%
HCL 10.1 - 15%	Baker Hughes	Acidizing	Water and Non-MSDS ingredients	NA	3%	1.1121%
GBW-5	Baker Hughes	Gelling Agent	Water and Non-MSDS ingredients	NA	3%	0.1016%
Fe-Biocl, Pellet, 30lbs	Baker Hughes	Surfactant	Water and Non-MSDS ingredients	NA	3%	0.0807%
SC-30, 330 lb	Baker Hughes	Crosslinker	Water and Non-MSDS ingredients	NA	3%	0.0762%
BF-9L, 330 gal tote	Baker Hughes	Buffer	Water and Non-MSDS ingredients	NA	3%	0.0762%
NE-9L	Baker Hughes	Crosslinker	Water and Non-MSDS ingredients	NA	3%	0.0635%
NE-3L, 330 gl tote	Baker Hughes	Non-emulsifier	Water and Non-MSDS ingredients	NA	3%	0.0479%
Visc Reducer 25L, 265 gallon Totes	Baker Hughes	Friction Reducer	Water and Non-MSDS ingredients	NA	3%	0.0457%
Clay Master, 5lb	Baker Hughes	Clay Control	Water and Non-MSDS ingredients	NA	3%	0.0419%
Vaporol, 5lb	Baker Hughes	Biocide	Water and Non-MSDS ingredients	NA	3%	0.0216%
Superbreak 30, 330 gal drum	Baker Hughes	Activator	Water and Non-MSDS ingredients	NA	3%	0.0189%
Parabrick 5000, bag	Baker Hughes	Paraffin Inhibitor	Water and Non-MSDS ingredients	NA	3%	0.0159%
FDI-Clay 5.1	Baker Hughes	Bacstat	Water and Non-MSDS ingredients	NA	3%	0.0122%
GBW-5	Baker Hughes	Breaker	Water and Non-MSDS ingredients	NA	3%	0.0040%
Ferrotrol 300L	Baker Hughes	Iron Control	Water and Non-MSDS ingredients	NA	3%	0.0037%
High Perm CRB	Baker Hughes	Breaker	Water and Non-MSDS ingredients	NA	3%	0.0036%
GA-10	Baker Hughes	Gelling Agent	Water and Non-MSDS ingredients	NA	3%	0.0017%
CI-27	Baker Hughes	Corrosion Inhibitor	Water and Non-MSDS ingredients	NA	3%	0.0014%
Clay Master, 5L	Baker Hughes	Clay Control	Water and Non-MSDS ingredients	NA	3%	0.0005%
GBW-30B	Baker Hughes	Breaker	Water and Non-MSDS ingredients	NA	3%	0.0001%
Nat Hydrotrofe Cat	Baker Hughes	WGA and Non-WGA Ingredients	Guar Gum	9000-30-0	50%	0.0270%
			Ethanol	64-17-5	5%	0.0027%
			Methyl Oxirane, polymer with oxirane	75569-64-8	5%	0.0027%
			Propan-2-ol	67-63-0	5%	0.0027%
			Propanoic Acid	79-09-4	5%	0.0027%
			Propanoic Acid, 2-Hydroxy-	79-33-4	5%	0.0027%
			Sodium Tetraborate Decahydrate	1303-96-4	5%	0.0027%
			Acetic Acid	64-19-7	2%	0.0011%
			Acetaldehyde, polymer with 2-methyl-2-[(1-oxo-2-propenyl)amino]-1-propanesulfonic acid, sodium salt	124722-21-5	2%	0.0011%
			Acetic Anhydride	108-24-7	2%	0.0011%
			Acetone	67-64-1	2%	0.0011%
			Acrylamide	79-06-1	2%	0.0011%
			Acrylamide, 2-methyl-2-[(1-oxo-2-propenyl)amino]-, monosodium salt, homopolymer	38193-60-1	2%	0.0011%
			Acrylamidomethylpropanesulfonic acid, sodium salt, polymer	38193-60-1	2%	0.0011%
			Ammonium Persulfate	7727-54-0	2%	0.0011%
			Boric Acid	10043-35-3	2%	0.0011%
			Calcium Chloride	10043-52-4	2%	0.0011%
			Cellulose, 2-hydroxyethyl ether	9004-62-0	2%	0.0011%
			Cinnamaldehyde	104-55-2	2%	0.0011%
			Citric Acid	77-92-9	2%	0.0011%
			Cocamidopropyl Betaine	61789-40-0	2%	0.0011%
			Cocamidopropyl Dimethylamine Oxide	68155-09-9	2%	0.0011%
			Decamethylcyclopentasiloxane	541-02-6	2%	0.0011%
			Diammonium Peroxidisulfate	7727-54-0	2%	0.0011%
			Dimethyl Siloxane	63148-62-9	2%	0.0011%
			Ethoxylated Alcohols	68551-12-2	2%	0.0011%
			Ethoxylated Nonylphenol	68412-54-4	2%	0.0011%
			Ethylene Glycol	107-21-1	2%	0.0011%
			Fatty Acids, Tall Oil	61790-12-3	2%	0.0011%
			Formic Acid	64-18-6	2%	0.0011%
			Glutaraldehyde	111-30-8	2%	0.0011%
			Glycerine	56-81-5	2%	0.0011%
			Guar Gum	9000-30-0	2%	0.0011%
			Hydrotreated Light Petroleum Distillate	64742-47-8	2%	0.0011%
			Isopropanol	67-63-0	2%	0.0011%
			Magnesium Chloride	7786-30-3	2%	0.0011%
			Magnesium Nitrate	10377-60-3	2%	0.0011%
			Magnesium Peroxide	1335-26-8	2%	0.0011%
			Methanol	67-56-1	2%	0.0011%
			Methyl Oxirane, polymer with oxirane	75569-64-8	2%	0.0011%
			Modified Starch	9049-76-7	2%	0.0011%
			Monoethanolamine Borate	26038-87-9	2%	0.0011%
			Naphthalene	91-20-3	2%	0.0011%
			Oxyalkylate Polymer	68551-12-2	2%	0.0011%
			Oxyfluorfen	42874-03-3	2%	0.0011%
			Poly(oxyethylene) nonylphenyl ether, branched	127087-87-0	2%	0.0011%
			Polyacrylamide	9003-05-8	2%	0.0011%
			Polyethylene Glycol	25322-68-3	2%	0.0011%
			Potassium Chloride	7447-40-7	2%	0.0011%
			Propan-2-ol	67-63-0	2%	0.0011%
			Propargyl Alcohol	107-19-7	2%	0.0011%
			Quaternary Ammonium Compound	68424-85-1	2%	0.0011%
			Quaternary Ammonium Compounds, Benzyl-C12-16-Alkyldimethyl, Chlorides	68391-01-5	2%	0.0011%
			Sodium Chloride	7647-14-5	2%	0.0011%
			Sodium Chlorite	7758-19-2	2%	0.0011%
			Sodium Hydroxide	1310-73-2	2%	0.0011%
			Sodium Perborate Tetrahydrate	10486-00-7	2%	0.0011%
			Sodium Persulfate	7775-27-1	2%	0.0011%
			Tetrakis(Hydroxymethyl)-Phosphonium Sulfate	55566-30-8	2%	0.0011%
			Trisodium Nitrilotriacetate	5064-31-3	2%	0.0011%
			Urea	57-13-6	2%	0.0011%
			Water	7732-18-5	2%	0.0011%
			Xylene - Mixture of Isomers	1330-20-7	2%	0.0011%
			Ammonium Chloride	12125-02-9	1%	0.0006%
			Aminotrimethylene Phosphonic Acid	6419-19-8	1%	0.0006%
			Cocamidopropyl Hydroxysultaine	70851-07-9	1%	0.0006%
			Hydrogen Chloride	7647-01-0	1%	0.0006%
			Hydrotreated Light Petroleum Distillate	64742-47-8	1%	0.0006%
			Isopropanol	67-63-0	1%	0.0006%
			Methanol	67-56-1	1%	0.0006%
			Polyethylene Glycol Monooleate	9004-96-0	1%	0.0006%
			Propargyl Alcohol	107-19-7	1%	0.0006%
			Quaternary Ammonium Compound	68424-85-1	1%	0.0006%
			Quaternary Ammonium Compounds, Benzyl-C12-16-Alkyldimethyl, Chlorides	68391-01-5	1%	0.0006%
			Sodium Chloride	7647-14-5	1%	0.0006%
			Tetrakis(Hydroxymethyl)-Phosphonium Sulfate	55566-30-8	1%	0.0006%
			Water	7732-18-5	1%	0.0006%
			Xylene - Mixture of Isomers	1330-20-7	1%	0.0006%
			Calcium Nitrate, Hydrate	13477-34-4	100%	0.0003%
			Calcium Nitrate	10124-37-5	100%	0.0003%
			Calcium Chloride	10043-52-4	5%	0.0001%
			Water	7732-18-5	5%	0.0001%
			Ammonium Acetate	631-61-8	2%	0.0000%
			Biotite	1302-27-8	2%	0.0000%
			Cinnamaldehyde	104-55-2	2%	0.0000%
			Ethylene Glycol	107-21-1	2%	0.0000%
			Formic Acid	64-18-6	2%	0.0000%
			Methanol	67-56-1	2%	0.0000%
			Mica	12001-26-2	2%	0.0000%
			Muscovite	12001-26-2	2%	0.0000%
			Polyethylene Glycol	25322-68-3	2%	0.0000%
			Quartz	14808-60-7	2%	0.0000%
			Sodium Chloride	7647-14-5	2%	0.0000%
			Water	7732-18-5	2%	0.0000%
			Aluminum Oxide	1344-28-1	1%	0.0000%
			Iron Oxide	1309-37-1	1%	0.0000%
			Titanium Dioxide	13463-67-7	1%	0.0000%
			Hydrotreated Light Petroleum Distillate	64742-47-8	30%	0.0238%
			Isohexadecyl Alcohol	61827-42-7	5%	0.0040%
			Ethoxylated Nonylphenol	68412-54-4	5%	0.0040%
			Ammonium Chloride	12125-02-9	1%	0.0008%
			Isopropanol	67-63-0	1%	0.0008%
			Methanol	67-56-1	1%	0.0008%
			Polyethylene Glycol Monooleate	9004-96-0	1%	0.0008%
			Quaternary Ammonium Compound	68424-85-1	1%	0.0008%
			Quaternary Ammonium Compounds, Benzyl-C12-16-Alkyldimethyl, Chlorides	68391-01-5	1%	0.0008%
			Water	7732-18-5	1%	0.0008%
			Xylene - Mixture of Isomers	1330-20-7	1%	0.0008%
			Calcium Chloride	10043-52-4	5%	0.0001%
			Water	7732-18-5	5%	0.0001%
			Ammonium Acetate	631-61-8	2%	0.0000%
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			Formic Acid	64-18-6	2%	0.0000%
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			Sodium Chloride	7647-14-5	1%	0.0008%
			Water	7732-18-5	1%	0.0008%
			Xylene - Mixture of Isomers	1330-20-7	1%	0.0008%
			Calcium Nitrate, Hydrate	13477-34-4	100%	0.0003%
			Calcium Nitrate	10124-37-5	100%	0.0003