

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:
30-025-41787

2. Well Name:
MOGI 9 STATE COM #011H

3. Well Number:
011H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:P Lot:P Section:9 Township:24S Range:33E
Feet from:200 N/S Line:S
Feet from:350 E/W Line:E

5. Bottom Hole Location:
Unit:A Lot:A Section:9 Township:24S Range:33E
Feet from:330 N/S Line:N
Feet from:379 E/W Line:E

6. latitude: 32.2254489240544 longitude: -103.569841943287

7. County:
Lea

8. Operator Name and Address:
MURCHISON OIL & GAS INC
Legacy Tower One
7250 Dallas Pkwy, Ste 1400
Plano 75024

9. OGRID:
15363

10. Phone Number:
972-931-0700

11. Last Fracture Date: 1/14/2015 Frac Performed by: Schlumberger

12. Production Type:
O

13. Pool Code(s):
96674

14. Gross Fractured Interval:
Confidential

15. True Vertical Depth (TVD):
11,039 ft

16. Total Volume of Fluid Pumped:
3,420,144 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)
Proppant Transport	Schlumberger	Acid Corrosion Inhibitor A286, Bactericide (Myacide GA25), Friction Reducer, Surfactant , Acid, Brea	Water (Including Mix Water Supplied by Client)*	NA	0%	87.2485%
			Crystalline silica	14808-60-7	94.56848%	12.0589%
			Guar gum	9000-30-0	1.67897%	0.21409%
			Hydrochloric acid	7647-01-0	1.53234%	0.1954%
			Phenolic resin	9003-35-4	0.69232%	0.08828%
			Ethylene Glycol	107-21-1	0.61328%	0.0782%
			2-hydroxy-N,N,N-trimethylethanaminium chloride	67-48-1	0.32823%	0.04185%
			Diammonium peroxidisulphate	7727-54-0	0.11839%	0.0151%
			Gum, xanthan	11138-66-2	0.0761%	0.0097%
			2-Propenoic acid, polymer with sodium phosphinate	129898-01-7	0.0753%	0.0096%
			Sodium tetraborate	1330-43-4	0.04871%	0.00621%
			Glutaraldehyde	111-30-8	0.04753%	0.00606%
			Sodium hydroxide (impurity)	1310-73-2	0.04171%	0.00532%
			Polyethylene glycol monohexyl ether	31726-34-8	0.04156%	0.0053%
			Tetrasodium ethylenediaminetetraacetate	GeOeral	0.01998%	0.00255%
			Sodium chloride	7647-14-5	0.01521%	0.00194%
			Vinylidene chloride/methylacrylate copolymer	25038-72-6	0.01153%	0.00147%
			Sodium erythorbate	6381-77-7	0.00988%	0.00126%
			CALCIUM CHLORIDE	10043-52-4	0.00768%	0.00098%
			Distillates (petroleum), hydrotreated light	64742-47-8	0.00624%	0.0008%
			Propan-2-ol	67-63-0	0.00616%	0.00079%
			Acrylamide/ammonium acrylate copolymer	26100-47-0	0.00476%	0.00061%
			Non-crystalline silica (impurity)	7631-86-9	0.00421%	0.00054%
			Ammonium chloride	12125-02-9	0.00297%	0.00038%
			Fatty acid, tall-oil reaction products with acetophenone	68188-40-9	0.00227%	0.00029%
			Alcohols, C12-C16, ethoxylated	68551-12-2	0.00198%	0.00025%
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0.00173%	0.00022%
			Sodium Glycolate (impurity)	2836-32-0	0.00162%	0.00021%
			Isodecanol wi6-7 Moles Ethylene Oxide	26183-52-8	0.00127%	0.00016%
			Cinnamaldehyde	104-55-2	0.00083%	0.00011%
			2,2'-oxydiethanol (impurity)	111-46-6	0.00081%	0.0001%
			Ethoxylated oleic acid	9004-96-0	0.00059%	8E-05%
			Sorbitan monooleate	1338-43-8	0.00059%	8E-05%
			Trisodium Ethylenediaminetetraacetate (impurity)	150-38-9	0.00054%	7E-05%
			Disodium Ethylene Diamine Tetra Acetate (impurity)	139-33-3	0.00054%	7E-05%
			Magnesium silicate hydrate (talc)	14807-96-6	0.00035%	4E-05%
			Trisodium nitrioltriacetate (impurity)	5064-31-3	0.00027%	3E-05%
			Potassium chloride (impurity)	7447-40-7	0.00024%	3E-05%
			Amines, tallow alkyl, ethoxylated	61791-26-2	0.00024%	3E-05%
			Sorbitol Tetraoleate	61723-83-9	0.00018%	2E-05%
			Sodium sulfocyanate	540-72-7	0.00015%	2E-05%
			poly(tetrafluoroethylene)	9002-84-0	0.00015%	2E-05%
			2-Propenoic acid, ammonium salt	10604-69-0	0.00015%	2E-05%
			Alcohols, C10-C16, ethoxylated	68002-97-1	0.00012%	2E-05%
			Dodecyl poly(oxyethylene) ether	9002-92-0	0.0001%	1E-05%
			Alcohols, C12-C14, ethoxylated	68439-50-9	9E-05%	1E-05%
			C14 alpha olefin ethoxylate	84133-50-6	9E-05%	1E-05%
			Glycols, polyethylene, monotetradecyl ether	27306-79-2	7E-05%	1E-05%
			2-propenamid	GeOeral	3E-05%	1E-05%

† Proprietary Technology

0%

0%

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: Cindy Cottrell

Date: 2/3/2015

E-mail Address: ccottrell@dmil.com

Title: Regulatory Coordinator

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