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.
30-015-40287

2. Well Name:
MALAGA 30 FEDERAL COM #001H

3. Well Number:
001H

## HYDRAULIC FRACTURING FLUID DISCLOSURE

☐ Original

☒ Amends disclosure submitted on 11/5/2012

4. Surface Hole Location:
Unit:I Lot:I Section:30 Township:24S Range:29E
Feet from:1700 N/S Line:S
Feet from:350 E/W Line:E

5. Bottom Hole Location:
Unit:L Lot:L Section:30 Township:24S Range:29E
Feet from:1722 N/S Line:S
Feet from:685 E/W Line:W

6. latitude: 32.185836634015 longitude: -104.01631056637

7. County:
Eddy

8. Operator Name and Address:
MEWBOURNE OIL CO
Po Box 5270
Hobbs 88241

9. OGRID: 14744

10. Phone Number: 575-393-5905

11. Last Fracture Date: 9/23/2012 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
50373

14. Gross Fractured Interval:
10,683 ft to 10,736 ft

15. True Vertical Depth (TVD):
10,710 ft

16. Total Volume of Fluid Pumped:
1,815,660 gals

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) |
|---|---|---|---|---|---|---|
| Fresh Water | Operator | | | | 100% | 97.02217% |
| HYDROCHLORIC ACID 5-10% | Halliburton | Solvent | Hydrochloric acid | 7647-01-0 | 10% | 0.05734% |
| 100 Mesh | Halliburton | | | | 100% | 0.60523% |
| Premium White - 20/40 | Halliburton | | | | 100% | 1.86514% |
| GasPerm 1100 | Halliburton | Non-ionic Surfactant | Ethanol | 64-17-5 | 60% | 0.05025% |
| | | | Methanol | 67-56-1 | 10% | 0.00838% |
| | | | Terpenes and Terpenoids, sweet orange-oil | 68647-72-3 | 5% | 0.00419% |
| BE-9 | Halliburton | Biocide | Tributyl tetradecyl phosphonium chloride | 81741-28-8 | 10% | 0.00212% |
| CLA-WEB™ | Halliburton | Additive | Ammonium salt | Confidential Business Information | 50% | 0.01004% |
| CLA-STA XP ADDITIVE | Halliburton | Clay Stabilizer | Polyepichlorohydrin, trimethyl amine quaternized | 51838-31-4 | 60% | 0.00463% |
| BC-140 X2 | Halliburton | Initiator | Ethylene glycol | 107-21-1 | 30% | 0.01992% |
| | | | Monoethanolamine borate | 26038-87-9 | 100% | 0.0664% |
| FR-66 | Halliburton | Friction Reducer | Hydrotreated light petroleum distillate | 64742-47-8 | 30% | 0.00669% |
| BA-40L BUFFERING AGENT | Halliburton | Buffer | Potassium carbonate | 584-08-7 | 60% | 0.01552% |
| MO-67 | Halliburton | pH Control Additive | Sodium hydroxide | 1310-73-2 | 30% | 0.00737% |
| WG-35 GELLING AGENT | Halliburton | Gelling Agent | Guar gum | 9000-30-0 | 100% | 0.16796% |
| OptiKleen-WF™ | Halliburton | Concentrate | Sodium perborate tetrahydrate | 10486-00-7 | 100% | 0.00128% |
| OPTIFLO-HTE | Halliburton | Breaker | Crystalline silica, quartz | 14808-60-7 | 30% | 0.00249% |
| | | | Walnut hulls | Mixture | 100% | 0.0083% |
| SP BREAKER | Halliburton | Breaker | Sodium persulfate | 7775-27-1 | 100% | 0.00074% |
| Ingredients Listed Below This Line Are Part of the | | | 2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfor-1-naphthalenyl) azo] -, trisodium salt | 915-67-3 | 0% | 0% |
| | | | Alcohols, C12-16, ethoxylated | 68551-12-2 | 0% | 0% |
| | | | Amine Salts | Confidential Business Information | 0% | 0% |
| | | | Amine Salts | Confidential Business Information | 0% | 0% |
| | | | Ammonium chloride | 12125-02-9 | 0% | 0% |
| | | | C.I. Pigment Red 5 | 6410-41-9 | 0% | 0% |
| | | | Crystalline silica, quartz | 14808-60-7 | 0% | 0% |
| | | | Cured Acrylic Resin | Confidential Business Information | 0% | 0% |
| | | | Cured Acrylic Resin | Confidential Business Information | 0% | 0% |
| | | | Enzyme | Confidential Business Information | 0% | 0% |
| | | | Ethoxylated Fatty Acid | Confidential Business Information | 0% | 0% |
| | | | Ethoxylated Fatty Acid | Confidential Business Information | 0% | 0% |
| | | | Ethoxylated Fatty Acid | Confidential Business Information | 0% | 0% |
| | | | Ethoxylated Nonylphenol | Confidential Business Information | 0% | 0% |
| | | | Methyl Isobutyl Ketone | 108-10-1 | 0% | 0% |
| | | | Modified Bentonite | Confidential Business Information | 0% | 0% |
| | | | Polyacrylamide Copolymer | Confidential Business Information | 0% | 0% |
| | | | Quaternary Amine | Confidential Business Information | 0% | 0% |
| | | | Quaternary Amine | Confidential Business Information | 0% | 0% |
| | | | Quaternary Amine | Confidential Business Information | 0% | 0% |
| | | | Silica, amorphous - fumed | 7631-86-9 | 0% | 0% |
| | | | Sodium Chloride | 7647-14-5 | 0% | 0% |
| | | | Sodium sulfate | 7757-82-6 | 0% | 0% |
| | | | Sorbitan monooleate polyoxyethylene derivative | 9005-65-6 | 0% | 0% |
| | | | Sorbitan, mono-9-octadecenoate, (Z) | 1338-43-8 | 0% | 0% |
| | | | Tall oil acid diethanolamide | 68155-20-4 | 0% | 0% |
| | | | Terpenes and Terpenoids | Confidential Business Information | 0% | 0% |
| | | | Trimethylamine, N-oxide | 1184-78-7 | 0% | 0% |
| | | | Water | 7732-18-5 | 0% | 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: NM Young Title: Manager

Date: 10/24/2013

E-mail Address: myoung@mewbourne.com

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