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.
30-015-40974

2. Well Name:
MALAGA 13 CN FEDERAL COM #001H

3. Well Number:
001H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☐ Original

☒ Amends disclosure submitted on 5/13/2013

4. Surface Hole Location:
Unit:C Lot:C Section:13 Township:25S Range:28E
Feet from:250 N/S Line:N
Feet from:1900 E/W Line:W

5. Bottom Hole Location:
Unit:N Lot:N Section:13 Township:25S Range:28E
Feet from:333 N/S Line:S
Feet from:2031 E/W Line:W

6. latitude: 32.136691345384 longitude: -104.04325416512

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: 4/11/2013 Frac Performed by: Halliburotn

12. Production Type:
O

13. Pool Code(s):
96217

14. Gross Fractured Interval:
8,312 ft to 8,316 ft

15. True Vertical Depth (TVD):
8,314 ft

16. Total Volume of Fluid Pumped:
1,425,270 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)
100 Mesh	Halliburton				100%	4.66814%
Premium White 20/40	Halliburton				100%	75.80373%
CRC 20/40	Halliburton				100%	17.13588%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.08977%
			Monoethanolamine borate	26038-87-9	100%	0.29922%
CLA-WEB™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.08749%
GasPerm 1100	Halliburton	Non-ionic Surfactant	Ethanol	64-17-5	60%	0.28618%
			Methanol	67-56-1	10%	0.0477%
			Terpenes and Terpenoids, sweet orange-oil	68647-72-3	5%	0.02385%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00257%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.17846%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.17846%
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.03721%
BA-20 BUFFERING AGENT	Halliburton	Buffer	Acetic acid	64-19-7	30%	0.00103%
			Ammonium acetate	631-61-8	100%	0.00344%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.01152%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.88035%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.01082%
			Walnut hulls	Mixture	100%	0.03605%
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00515%
Ingredients Listed Below This Line Are Part of the			1,2-Benzisothiazolin-3-one	2634-33-5	0%	0%
			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	75-57-0	0%	0%
			Amine Salts	593-81-7	0%	0%
			Ammonium chloride	12125-02-9	0%	0%
			Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4	0%	0%
			C.I. Pigment Red 5	6410-41-9	0%	0%
			Calcium chloride	10043-52-4	0%	0%
			Crystalline Silica, Quartz	14808-60-7	0%	0%
			Cured Acrylic Resin	Mixture	0%	0%
			Cured Acrylic Resin	9002-98-6	0%	0%
			Enzyme	37288-54-3	0%	0%
			Enzyme	9025-56-3	0%	0%
			Ethoxylated Fatty Acid	61791-12-6	0%	0%
			Ethoxylated Fatty Acid	61791-29-5	0%	0%
			Ethoxylated Fatty Acid	61791-08-0	0%	0%
			Methyl Isobutyl Ketone	108-10-1	0%	0%
			Polyacrylamide Copolymer	62649-23-4	0%	0%
			Quaternary Amine	34004-36-9	0%	0%
			Quaternary Amine	3327-22-8	0%	0%
			Quaternary Amine	75-50-3	0%	0%
			Silica gel	112926-00-8	0%	0%
			Sodium Chloride	7647-14-5	0%	0%
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6	0%	0%
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	0%	0%
			Surfactant Mixture	67254-71-1	0%	0%
			Surfactant Mixture	56449-46-8	0%	0%
			Tall oil acid diethanolamide	68155-20-4	0%	0%
			Terpenes and Terpenoids	68956-56-9	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

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.