

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:
30-015-42918

2. Well Name:
RIO BRAVO 7 B3NC FEDERAL #001H

3. Well Number:
001H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:N Lot:N Section:7 Township:21S Range:25E
Feet from:225 N/S Line:S E/W Line:W
Feet from:2140

5. Bottom Hole Location:
Unit:C Lot: Section:7 Township:21S Range:25E
Feet from:331 N/S Line:N E/W Line:W
Feet from:2116

6. latitude:
32.4874254506082 longitude:
-104.436113565384

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:
3/19/2015 Frac Performed by:
Baker Hughes

12. Production Type:
O

13. Pool Code(s):
97443

14. Gross Fractured Interval:
7,030 ft to 7,096 ft

15. True Vertical Depth (TVD):
7,063 ft

16. Total Volume of Fluid Pumped:
3,562,734 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)
Water	Operator	Carrier	Water	7732-18-5	100%	91.3700484%
HCl, 10.1 - 15%	Baker Hughes	Acidizing	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.521967%
Activator, 330 gal tote	Baker Hughes	Activator	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0576293%
Alpha 125	Baker Hughes	Biocide	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0243707%
GBW-5	Baker Hughes	Breaker	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0090766%
CI-14	Baker Hughes	Corrosion Inhibitor	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0008031%
FRW-18	Baker Hughes	Friction Reducer	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.1015896%
Ferrotrol 280L	Baker Hughes	Iron Control	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0019207%
NE-23, 55 gallon drum	Baker Hughes	Non-emulsifier	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0004451%
Sand, White, 40/70	Baker Hughes	Proppant	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	3.046485%
Sand, White, 100 mesh	Baker Hughes	Proppant	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	3.38001%
Oil Plus	Baker Hughes	Proppant	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	1.413553%
S-200	Baker Hughes	Surfactant	MSDS and Non-MSDS Ingredients Listed Below	N/A	0%	0.0440144%
Ingredients in Additive(s) (MSDS and non-MSDS)	Baker Hughes	See Trade Name(s) List	2-Mercaptoethanol	60-24-2	100%	0.0019201%
			Alcohols, C10-16, ethoxylated propoxylated	69227-22-1	5%	0.0022%
			Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	70%	0.0403281%
			Alcohols, C12-16, ethoxylated	68551-12-2	2%	0.0020311%
			Alcohols, C6-12, ethoxylated propoxylated	68937-66-6	5%	0.0022%
			Alcohols, ethoxylated	68551-12-2	4%	0.00176%
			Amines, unsatd. alkyl, ethoxylated	68155-39-5	2%	0.00088%
			Ammonium Chloride	12125-02-9	3%	0.0030467%
			Ammonium Hydroxide	1336-21-6	5%	9.6E-05%
			Ammonium Persulphate	7727-54-0	100%	0.0090738%
			Benzyl Chloride	100-44-7	1%	4.4E-06%
			Bis (hydroethyl) cocamine	68439-72-5	1%	4.4E-06%
			Crystalline Silica (Quartz)	14808-60-7	100%	6.424523%
			Crystalline Silica: Quartz	14808-60-7	100%	1.4131195%
			Cupric Chloride	7447-39-4	5%	9.6E-05%
			Ethanol	64-17-5	10%	0.0044001%
			Ethoxylated Nonylphenol	9016-45-9	5%	2.22E-05%
			Fatty Acids	61790-12-3	10%	8.03E-05%
			Formaldehyde	50-00-0	1%	8E-06%
			Glutaraldehyde	111-30-8	30%	0.007309%
			Hydrochloric Acid	7647-01-0	15%	0.0782791%
			Hydrotreated Light Distillate	64742-47-8	30%	0.0304672%
			Isopropanol	67-63-0	30%	0.0001335%
			Methanol	67-56-1	100%	0.0296695%
			Modified Thiourea Polymer	68527-49-1	7%	5.62E-05%
			Oleamide DEA	93-83-4	2%	0.0020311%
			Olefin	64743-02-8	5%	4.01E-05%
			Olefin Sulfonate	30965-85-6	30%	0.000267%
			Poly (acrylamide-co-acrylic acid) partial sodium salt	62649-23-4	30%	0.0304672%
			Polyester	68511-95-1	15%	6.67E-05%
			Polyethylene glycol	25322-68-3	5%	0.0028806%
			Polyoxyalkylenes	68951-67-7	30%	0.0002408%
			Polyoxythylene	9005-65-6	0.5%	0.0005078%
			Sorbitan Monooleate			
			Propargyl Alcohol	107-19-7	5%	4.01E-05%
			Quaternary Amine Compounds	61789-68-2	30%	0.0001335%
			Sodium Chloride	7647-14-5	5%	0.0050779%
			Sorbitan Monooleate	1338-43-8	0.5%	0.0005078%
			Water	7732-18-5	85%	0.5359821%

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:
NM Young

Title:
Manager

Date:
4/14/2015

E-mail Address:
rterrell@mewbourne.com

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