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.
30-015-41356

2. Well Name:
HAYHURST 23 PA STATE #001H

3. Well Number:
001H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:P Lot:P Section:23 Township:25S Range:27E
Feet from:285 N/S Line:S
Feet from:500 E/W Line:E

5. Bottom Hole Location:
Unit:A Lot:a Section:23 Township:25S Range:27E
Feet from:339 N/S Line:N
Feet from:516 E/W Line:E

6. latitude: 32.1088850856951 longitude: -104.15398971032

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: 9/3/2013 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
30216

14. Gross Fractured Interval:
7,764 ft to 7,801 ft

15. True Vertical Depth (TVD):
7,782 ft

16. Total Volume of Fluid Pumped:
1,439,075 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	Base Fluid	Fresh Water	7732-18-5	100%	84.54409%
SSA-2	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	0.70569%
SAND - PREMIUM WHITE	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	11.77366%
CRC SAND	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	2.63094%
			Hexamethylenetetramine	100-97-0	2%	0.05262%
			Phenol / formaldehyde resin	9003-35-4	5%	0.13155%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.01473%
			Monoethanolamine borate	26038-87-9	100%	0.04908%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00189%
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential Business Information	60%	0.01221%
OILPERM FM-7	Halliburton	Surfactant	Terpenes and Terpenoids sweet orange-oil,	68647-72-3	10%	0.00713%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00039%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.02679%
			Ethoxylated nonylphenol	Confidential Business Information	60%	0.02679%
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.00628%
LCA-1	Halliburton	Solvent	Paraffinic solvent	Confidential Business Information	100%	0.01484%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.17096%
OPTIFLO-HTE	Halliburton	Breaker	Crystalline silica, quartz	14808-60-7	30%	0.00104%
			Walnut hulls	Mixture	100%	0.00346%
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.00116%
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	Confidential Business Information	0%	0%
			Amine salts	Confidential Business Information	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	Confidential Business Information	0%	0%
			Cured acrylic resin	Confidential Business Information	0%	0%
			Enzyme	Confidential Business Information	0%	0%
			Enzyme	Confidential Business Information	0%	0%
			Fatty acid tall oil amide	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 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	Confidential Business Information	0%	0%
			Surfactant mixture	Confidential Business Information	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: 10/11/2013

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.