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.
30-015-39833

2. Well Name:
ZIRCON 1 STATE #002H

3. Well Number:
002H

HYDRAULIC FRACTURING FLUID DISCLOSURE

☐ **Original**

☒ **Amends disclosure submitted on 5/23/2012**

4. Surface Hole Location:
Unit:A Lot:1 Section:1 Township:19S Range:29E
Feet from:750 N/S Line:N
Feet from:330 E/W Line:E

5. Bottom Hole Location:
Unit:A Lot:1 Section:1 Township:19S Range:29E
Feet from:734 N/S Line:N
Feet from:351 E/W Line:W

6. latitude: 32.6947080048828 longitude: -104.020723605271

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: 4/11/2012 Frac Performed by: Halliburton

12. Production Type:
O

13. Pool Code(s):
60660

14. Gross Fractured Interval:
8,027 ft to 8,114 ft

15. True Vertical Depth (TVD):
8,071 ft

16. Total Volume of Fluid Pumped:
1,442,952 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%	90.05236%
HCL Acid	Halliburton				100%	1.20831%
White 20/40	Halliburton				0%	0%
CRC-20/40	Halliburton				0%	0%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00257%
Cla-Web™	Halliburton	Additive	Tetramethyl ammonium chloride	75-57-0	1%	0.00027%
			Proprietary	Confidential Business Information	30%	0.00805%
GasPerm 1100	Halliburton	Non-ionic Surfactant	Ethanol	64-17-5	60%	0.0524%
			Terpenes and Terpenoids, sweet orange-oil	68647-72-3	5%	0.00437%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00021%
SUPERSET W	Halliburton	Activator	Methanol	67-56-1	60%	0.01463%
			Ethoxylated Nonylphenol	Confidential Business Information	60%	0.01463%
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer	Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60%	0.02898%
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.00609%
MO-67	Halliburton	Buffer	Sodium hydroxide	1310-73-2	30%	0%
BC-140 X2	Halliburton	Initiator	Ethylene glycol	107-21-1	30%	0.0135%
			Monoethanolamine borate	26038-87-9	100%	0.04499%
BA-20 BUFFERING AGENT	Halliburton	Buffer	Acetic acid	64-19-7	30%	0%
			Ammonium acetate	631-61-8	100%	0%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.14675%
OptiKleen-WF™	Halliburton	Surfactant	Sodium perborate tetrahydrate	10486-00-7	100%	0.00225%
					0%	0%
					0%	0%
					0%	0%
					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.