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.
30-015-41329

2. Well Name:
ARTESIA YESO FEDERAL UNIT #015

3. Well Number:
015

HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:G Lot:G Section:21 Township:17S Range:28E
Feet from:2447 N/S Line:N
Feet from:2500 E/W Line:E

5. Bottom Hole Location:
Unit:G Lot:G Section:21 Township:17S Range:28E
Feet from:2447 N/S Line:N
Feet from:2500 E/W Line:E

6. latitude: 32.8202961296783 longitude: -104.180429867082

7. County:
Eddy

8. Operator Name and Address:
OXY USA WTP LIMITED PARTNERSHIP
PO Box 4294
Houston 77210

9. OGRID: 192463

10. Phone Number: 713-366-5485

11. Last Fracture Date: 12/2/2013 Frac Performed by: Haliburton

12. Production Type:
O

13. Pool Code(s):
96830

14. Gross Fractured Interval:
4,015 ft to 4,820 ft

15. True Vertical Depth (TVD):
4,933 ft

16. Total Volume of Fluid Pumped:
862,932 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)
Fresh Water	Operator	Base Fluid	Water	7732-18-5	100%	93.58829%
HYDROCHLORIC ACID 10-30%	Halliburton	Solvent	Hydrochloric acid	7647-01-0	30%	0.39322%
100 Mesh	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	0.41499%
Premium White 40/70	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100%	4.51562%
BE-9	Halliburton	Biocide	Tributyl tetradecyl phosphonium chloride	81741-28-8	10%	0.00185%
FR-66	Halliburton	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8	30%	0.01783%
Iosurf-360	Halliburton	Surfactant	Poly(oxy-1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy-	61827-42-7	30%	0.00027%
			Complex alkylamine	Confidential	5%	4E-05%
HpH BREAKER	Halliburton	Breaker	Sodium chloride	7647-14-5	30%	0.00018%
Cla-Web™	Halliburton	Additive	Ammonium salt	Confidential	60%	0.03487%
OptiKleen-WF™	Halliburton	Concentrate	Sodium perborate tetrahydrate	10486-00-7	100%	0.01064%
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100%	0.01853%
OPTIFLO-III DELAYED RELEASE BREAKER	Halliburton	Breaker	Ammonium persulfate	7727-54-0	100%	0.00064%
			Crystalline silica, quartz	14808-60-7	30%	0.00019%
Scalechek® SCP-2 Scale Inhibitor	Halliburton	Scale Preventer	Glassy calcium magnesium phosphate	65997-17-3	100%	0.00387%

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: Jennifer Duarte Title: Regulatory Specialist

Date: 3/20/2014

E-mail Address: jennifer_duarte@oxy.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.