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. 30-015-41831

2. Well Name: OXY BOO 9 STATE #002H

3. Well Number: 002H

## HYDRAULIC FRACTURING FLUID DISCLOSURE

☒ Original

☐ Amendment

4. Surface Hole Location:
Unit:H Lot:H Section:9 Township:23S Range:26E
Feet from:1700 N/S Line:N
Feet from:150 E/W Line:E

5. Bottom Hole Location:
Unit:H Lot:H Section:9 Township:23S Range:26E
Feet from:1700 N/S Line:N
Feet from:150 E/W Line:E

6. latitude: 32.3217375819889 longitude: -104.290238003757

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: 6/11/2014 Frac Performed by: Nabor

12. Production Type: O

13. Pool Code(s): 98056

14. Gross Fractured Interval: 7,010 ft to 11,065 ft

15. True Vertical Depth (TVD): 6,486 ft

16. Total Volume of Fluid Pumped: 2,211,426 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 | OCCIDENTAL PETROLEUM | Water | Water | 7732-18-5 | 100% | 83.05137% |
| Acid Inhibitor 3M (AI-3M) | Nabors Completion and Production Services | Acid Corrosion Inhibitors | 1-DECANOL | 112-30-1 | 5% | 0.00014% |
| | | | 1-OCTANOL | 111-87-5 | 2.5% | 7E-05% |
| | | | 2-Butoxyethanol | 111-76-2 | 7% | 0.0002% |
| | | | Cinnamaldehyde | 104-55-2 | 6% | 0.00017% |
| | | | Ethoxylated Nonyphenol | 68412-54-4 | 5% | 0.00014% |
| | | | Ethylene Glycol | 107-21-1 | 40% | 0.00113% |
| | | | Isopropyl Alcohol | 67-63-0 | 2.5% | 7E-05% |
| | | | N,N-Dimethylformamide | 68-12-2 | 20% | 0.00056% |
| | | | Triethyl Phosphate | 78-40-0 | 2.5% | 7E-05% |
| HCl Acid (12.5-18.0%), 22 Baume | Nabors Completion and Production Services | Bulk Acid | 22° Baume Hydrochloric Acid | 7647-01-0 | 100% | 0.0766% |
| | | | Water | 7732-18-5 | 100% | 0.09362% |
| ClayTreat LT | Nabors Completion and Production Services | Clay Control Additives | Water | 7732-18-5 | 65% | 0.05959% |
| OB Breaker | Nabors Completion and Production Services | Gel Breakers | Ammonium Persulfate | 7727-54-0 | 100% | 0.00264% |
| LSG-100 | Nabors Completion and Production Services | Gelling Agents | guar gum | 9000-30-0 | 50% | 0.16678% |
| | | | Petroleum Distillates | 64742-47-8 | 60% | 0.20014% |
| | | | Surfactant | 68439-51-0 | 2% | 0.00667% |
| Super LT Resin Activator | Nabors Completion and Production Services | Proppants - Manufactured | Isopropyl Alcohol | 67-63-0 | 60% | 0.03628% |
| | | | Proprietary | Proprietary | 80% | 0.04837% |
| Super OW 3 | Nabors Completion and Production Services | Surfactants & Foamers | Dimethylcocoamine, bis (chloroethyl) ether, diquaternary ammonium salt | 68607-28-3 | 60% | 0.00074% |
| | | | Isopropyl Alcohol | 67-63-0 | 60% | 0.00074% |
| | | | Methanol | 67-56-1 | 30% | 0.00037% |
| TX Specific 20/40 mesh Sand | Nabors Completion and Production Services | Sand - Bulk - Texas | Aluminum Oxide | 1344-28-1 | 1.1% | 0.10516% |
| | | | Crystalline Silica, quartz | 14808-60-7 | 99.9% | 9.55% |
| | | | Iron Oxide | 1309-37-1 | 0.1% | 0.00956% |
| | | | Titanium Oxide | 13463-67-7 | 0.1% | 0.00956% |
| TX Specific 30/50 mesh Sand | Nabors Completion and Production Services | Sand - Bulk - Texas | Aluminum Oxide | 1344-28-1 | 1.1% | 0.01669% |
| | | | Crystalline Silica, quartz | 14808-60-7 | 99.9% | 1.51566% |
| | | | Iron Oxide | 1309-37-1 | 0.1% | 0.00152% |
| | | | Titanium Oxide | 13463-67-7 | 0.1% | 0.00152% |
| Atlas CRC-E 20/40 | Nabors Completion and Production Services | Proppants - Manufactured - Atlas | Aluminum Oxide | 1344-28-1 | 1% | 0.04777% |
| | | | Crystalline Quartz, Silica | 14808-60-7 | 89% | 4.25116% |
| | | | Iron Oxide | 1309-37-1 | 0.1% | 0.00478% |
| | | | phenolic resin | 9003-35-4 | 20% | 0.95532% |
| | | | Titanium Oxide | 13463-67-7 | 0.1% | 0.00478% |
| XL-11 | Nabors Completion and Production Services | Cross-linkers | Ethylene Glycol | 107-21-1 | 10% | 0.01964% |
| | | | Potassium Hydroxide | 1310-58-3 | 5% | 0.00982% |
| | | | Potassium Metaborate | 13709-94-9 | 30% | 0.05893% |
| | | | Water | 7732-18-5 | 75% | 0.14732% |
| IC-500 | Nabors Completion and Production Services | Iron Control Additives | 2-Mercaptoethanol or Thioglycol | 60-24-2 | 75% | 0.00335% |
| | | | Aqua Ammonia | 1336-21-6 | 5% | 0.00022% |
| | | | Cupric Chloride | 10125-13-0 | 7% | 0.00031% |
| Super GREEN SOLV-M | Nabors Completion and Production Services | Paraffin & Scale Additives | Aliphatic Hydrocarbons | Proprietary | 95% | 0.00814% |
| | | | Dodecane | Proprietary | 14% | 0.0012% |
| | | | tetradecane | Proprietary | 11% | 0.00094% |
| | | | Tridecane | Proprietary | 9% | 0.00077% |
| | | | Undecane | Proprietary | 8% | 0.00069% |
| EXP-F0829-13 | Nabors Completion and Production Services | Gel Breakers | Hemicellulase Enzyme | Proprietary | 1% | 5E-05% |
| Super TSC 2 LTS | Nabors Completion and Production Services | Paraffin & Scale Additives | AMINO METHYLENE PHOSPHONIC ACID SALT | 68649-44-5 | 100% | 0.0048% |
| | | | Methanol | 67-56-1 | 100% | 0.01772% |
| AQUCAR DB 20 | Nabors Completion and Production Services | Biocides | 2,2-Dibromo-3-nitrilo-propionamide (DBNPA) | 10222-01-2 | 20% | 0.00541% |
| | | | Dibromoacetonitrile | 3252-43-5 | 3% | 0.00081% |
| | | | Polyethylene glycol | 25322-68-3 | 54.5% | 0.01474% |
| | | | Sodium bromide | 7647-15-6 | 4% | 0.00108% |
| Super Stim-340 E | Nabors Completion and Production Services | Surfactants & Foamers | DI water | 7732-18-5 | 90% | 0.15637% |

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: David Stewart Title: Sr. Regulatory Advisor

Date: 7/22/2014

E-mail Address: david_stewart@oxy.com

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