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: 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: 8/26/2014

E-mail Address: david_stewart@oxy.com

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