| HYDRAULIC FR DISCLOSURE | | 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. 30-025-40755 2. Well Name: SALADO DRAW 9 AP FEDERAL COM #001H 3. Well Number: 001H 4. Surface Hole Location: Unit: A Lot: A Section: 9 Township: 26S Range: 33E Feet from: 310 N/S Line: N Feet from: 380 E/W Line: E | | |
|--|---------------------|--|--|--------------------------------------|-----------------------|--|---|---|--|
| □ Original | re submitted or | n 1/16/2013 | | | | 5. Bottom Hole I Unit:P Lot:P Feet from:338 Feet from:392 6. latitude: | Section:9 To N/ E/ | ownship:26S Range:33E S Line:S W Line:E Tongitude: | |
| | | | | | | 32.0 7. County: | 0644162899925 | 103.569887321226 | |
| | | | | | | Lea | | | |
| 8. Operator Name and Address: MEWBOURNE OIL Po Box 5270 | СО | | | 9 |). OGRID: | 14744 | 10. Phone Number | er: 575-393-5905 | |
| Hobbs 88241 11. Last Fracture Date: 12/10 | 0/2012 Frac Perform | ned by: Halliburton | | 1 | 2. Productio | n Type: | | | |
| 13. Pool Code(s): 97900 | | | | | | stured Interval: 874 ft to 9,931 ft | 1 | | |
| 97900 15. True Vertical Depth (TVD): 9.903 ft | | | | .1 | 6. Total Vol | ume of Fluid Pum 231,102 gals | | | |
| 17. HYDRAULIC FLUID | COMPOSITION | N AND CONCENTE | 777.0 | | | .51,102 yais | | | |
| Trade Name | Supplier | Purpose | Ingredients | (CAS #) Chemica Service # | I Abstract | Maximum Ingredient Concentration in Additive (% by | | Maximum Ingredient Concentration in HF Fluid (% mass) | |
| Fresh Water SAND - COMMON WHITE | Operator | Drannant | Countailine eilice | 14000 50 7 | | mass) 100% | | 91.254419 | |
| | Halliburton | Proppant | Crystalline silica, quartz | 14808-60-7 | | 100% | | 1.86665 | |
| SAND - PREMIUM WHITE | Halliburton | Proppant | Crystalline silica, quartz | 14808-60-7 | | 100% | | 6.7014 | |
| CLA-WEB™ | Halliburton | Additive | Ammonium salt | Confidential Business Information | | 50% | | 0.011289 | |
| GasPerm 1100 | Halliburton | Non-ionic Surfact | ant Ethanol Methanol | 64-17-5 67-56-1 | | | 60% 10% | 0.04637 ⁹ 0.00773 ⁹ | |
| | | | Terpenes and 68647-72-3 Terpenoids, sweet orange-oil | | | | 5% | 0.003864 | |
| BC-140 X2 | Halliburton | Initiator | Ethylene glycol Monoethanolamine borate | 107-21-1 26038-87-9 | | | 30% 100% | 0.01034 ⁴ 0.03447 ⁴ | |
| CLA-STA XP ADDITIVE | Halliburton | Clay Stabilizer | Polyepichlorohydrin, trimethyl amine quaternized | 51838-31-4 | | | 60% | 0.01455 | |
| BA-20 BUFFERING AGENT | Halliburton | Buffer | Acetic acid | 64-19-7 | | | 30% | 0.00286 | |
| LCA-1 | Halliburton | Solvent | Ammonium acetate Paraffinic solvent | 631-61-8 Confidential Business | | | 100% 100% | 0.00954° 0.00765° | |
| OPTIFLO-HTE | Halliburton | Breaker | Crystalline silica, quartz | Information 14808-60-7 | | | 30% | 2E-05 ^c | |
| SP BREAKER | Halliburton | Breaker | Walnut hulls Sodium persulfate | Mixture 7775-27-1 | | | 100% 100% | 7E-05° | |
| WG-36 GELLING AGENT Ingredients Listed Below This Line Are Part of the | Halliburton | Gelling Agent | Guar gum 2,7- Naphthalenedisulfonic acid, 3-hydroxy-4-[(4- sulfor-1-naphthalenyl) azo]-, trisodium salt | 9000-30-0 915-67-3 | | | 100 <u>%</u> 0% | 0.00173 ⁴ | |
| | | | Amine Salts | Confidential Bui | usiness | | 0% | 04 | |
| | | | Amine Salts | Confidential Business Information | | | 0% | 04 | |
| | | | Bentonite, benzyl (hydrogenated tallow alkyl) dimethylammonium stearate complex | 121888-68-4 | | | 0% | 04 | |
| | | | C.I. Pigment Red 5 Crystalline Silica, | 6410-41-9 14808-60-7 | | | 0% 0% | 0.0 | |
| | | | Quartz Cured Acrylic Resin | Confidential Bu | usiness | | 0% | 00 | |
| | | | Cured Acrylic Resin | Information Confidential Bu | .,, | | 0% | 00 | |
| | | | Enzyme | Information Confidential Bu | | | 0% | 00 | |
| | | | Ethoxylated Fatty Acid | Information Confidential Bu | | | 0% | 0, | |
| | | | | Information | | | 33 | | |
| | | | Ethoxylated Fatty Acid | Confidential Bu | | | 0% | 04 | |
| | | | Ethoxylated Fatty Acid | Confidential Bu | ısıness | | 0% | 04 | |
| | | | Methyl Isobutyl Ketone Quaternary Amine | 108-10-1 Confidential Bu | usiness | | 0% 0% | 0.0 | |
| | | | Quaternary Amine | Information Confidential Bu | usiness | | 0% | 04 | |
| | | | Quaternary Amine | Information Confidential Bu | | | 0% | 00 | |
| | | | Silica gel | Information 112926-00-8 | 0.0000 | | 0% | 00 | |
| | | | Sodium Chloride | 7647-14-5 7757-82-6 | | | 0% 0% | 0, | |
| | | Surfactant Mixture Confid | | Confidential Bu | Confidential Business | | 0% | 0, | |
| | | Surfactant Mixture C | | Information Confidential Business | | | 0% | 04 | |
| | | | Terpenes and | Information Confidential Business | | 0% | | 04 | |
| | | | Terpenoids Trimethylamine, N- | Information 1184-78-7 | | 0% | | 04 | |
| | | 1 | | | | | (50)5) | 1 | |
| | | | oxide Water | 7732-18-5 | | | 0% | 04 | |