

Marathon Oil Company  
Lou Worthan Well No. 13  
Shut-in Granite Wash, Add pay to Abo and Drinkard formations  
Attachment to C-103 Subsequent Report  
March 18, 1997  
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1. MIRU pulling unit. RU reverse unit. Kill well. ND wellhead. NU BOP. Could not release pkr at 7068'. POOH w/production tbg. Test BOP. RIH w/fishing tools, retrieve pkr. POOH and lay down.
2. 1/10/97 RIH w/RBP with ball batcher and treating pkr to 6210' and set RBP. PUH to 6175' and set pkr. RU acid company. Load and test RBP to 1000 psi, OK. Rel pkr and pickle tbg w/700 gals 15% HCL. RIH and release RBP at 6210'. RIH with RBP to 7095'. Set RBP and PUH and set pkr at 7064'. Test RBP to 1000 psi. RD acid company. POOH w/pkr.
3. RU wireline company. Perforate Abo formation w/3 1/8" port guns, 120 degree phasing, 2 JSPF from 6756-62', 6766-72', 6776-84', 6790-92', 6798-6808', 6812-17', 6836-45', 6848-52', 6870-74', 6892-96', 6906-14', 6918-20', 6926-32', 6976-82', 6986-94', 7014-20', 7024-30', 7036-42', 7048-52', 7066-70', total 268 holes. RD wireline company.
4. RIH w/RBP with ball catcher and treating pkr. RU tbg testers. Test tbg to 8000 psi. RD testers. Set RBP at 7087'. PUH and set pkr at 6955'. RU acid company. Acidized Abo perfs from 6976-7070' w/5000 gals of 15% Ferchek acid, dropping 100 ball sealers for divert. RD acid company.
5. RIH and release pkr at 6955'. RIH and rel RBP at 7087'. PUH and set RBP at 6965'. PUH and set pkr at 6939'. Test RBP to 1000 psi. PUH and set pkr at 6680'. RU acid company. Acidize Abo perfs 6756-6932' w/9000 gals 15% Ferchek acid, dropping 200 ball sealers for divert. RD acid company.
6. RIH and release pkr at 6680'. RIH and rel RBP at 6965'. RIH and set RBP at 7087'. PUH and set pkr at 6680'. Swab well. RIH and release pkr at 6680'. RIH and rel RBP at 7087'. POOH w/RBP and pkr.
7. RIH w/RBP with ball catcher and treater pkr to 6751' and set RBP. PUH and set pkr at 6740'. Test RBP, OK. RU wireline company. Perforate Drinkard and Abo formations with 3 1/8" port guns, 120 degree phasing, 2 JSPF from 6364-70', 6380-86', 6400-12', 6414-24', 6428-32', 6443-51', 6466-71', 6564-68', 6570-76', 6578-80', 6626-40', 6648-62', 6678-84', 6690-96', 6698-6706-, 6712-21', 6728-38'. RD wireline.
8. RIH w/pkr to 6496'. RU acid company. Test pump and lines, OK. Acidized Abo formation with 9000 gals of 15% Ferchek acid and dropped 200 ball sealers for divert. Release pkr at 6496'. RIH and rel RBP at 6751'. PUH and set RBP at 6508' and set pkr at 6481'. RBP would not test. Drop standing valve. Test tbg to 2000 psi. Couldn't fish valve. Rel RBP and pkr, POOH.