



**Marathon  
Oil Company**

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### **J. M. Denton #14**

Set RBP @ 12,050', Pkr @ 12,030'. Spotted 700 gals 15% Fercheck acid 11,650' - 10,090'. Perf'd Devonian 11,640' - 11,650' w/4 JSPF, 60 Deg. Phasing. Formation broke on hydrostatic. RIH w/pkr & 2 7/8" tbg. Set pkr @ 11,500'. Well shut in 12 hrs. SITP - Vacuum. Swabbed well - Rec 115 BW, IFL - 5400' - EFL - 6800' 10% oil. Ran sub pump. Pump test well w/electric sub pump thru test separator. Well made 469 BW, 85 BO in 23 hrs.

Set RBP @ 11,445. Spotted 750 gals Fercheck 11,375' - 10,650'. Perf'd Devonian 11,360' - 11,375' 4 JSPF (60 holes), pumped down sub pump, intake @ 11,218. Pump tested Devonian, well made 355 BW, 20 BO in 24 hrs.

RIH w/OS, Retrieved RBP @ 11,455'. Spotted 1000 gals 15% Fercheck acid 11,257' - 10,257'. Perf'd Devonian 11,230' - 11,250' 4 JSPF, 80 holes. Could not break down formation - press up to 2000 psi. Ran pkr & hole & swabbed 86 BW in 16 runs. Ran electric submersible pump. Intake @ 11,125'. Pump tested well. Pulled pump. Retrieved RBP @ 11,300', Reset RBP @ 11,219'. Spotted 1500 gals acid 11,196' - 9600'. Perf'd Devonian 11,154' - 11,170' 4 JSPF. Pumped 36 Bbls KCL down annulus, did not catch pressure. Reset RBP @ 11,229'. Perf'd 11,183' - 11,196' 4 JSPF. Acidized perf's w/1000 gals 15% Fercheck w/104 ball sealers min - 2362, max - 3519, avg - 2612. Good ball action max 3.8 BPM, min 1.8, 15DP-1927 5 min - 234, vacuum 7 min, swabbed 10 hrs - 182 BW in 30 runs. Ran electric sub pump - intake @ 10,779'. Pump tested Devonian.

Retrieved RBP @ 11,229'. Perf'd Devonian 11,062' - 11,100' w/4JSPF (152 holes)

Acidized Devonian perf's 11,062' - 11,100' w/3000 gals Fercheck & 300 ball sealers. Max press - 5469, min - 1125, avg - 3945 @ 4 BPM. Had communication w/lower perf's. Swabbed 4 hrs. & rec. 75 BW & 15 BO. SWION.

13 hr SITP - 525 psi, ran BHP bombs & gradient stops.

Released pkr @ 11,000' & retrieved RBP ball catcher & gauges @ 11,140'.

Set RBP w/wireline @ 11,300', set RBP w/BHP bombs @ 11,1400'.

Pulled bombs.

Ran sub pump to 10,912', turned well to production facility.