



**Marathon  
Oil Company**



OD: 20" 94# J-55 set @ 140'

OD: 9 5/8" 36# J-55 set @ 2285'  
Cemented with Type III, 12.3 ppg, 1043 sx lead  
and Type III, 14.2 ppg, 150 sx tail. Float held.

OD: 4 1/2" 11.6# P-110 set @ 10591'  
Cemented with Prem-lite, 12.5 ppg, 904 sx. Float held.

TOC w/ 60% bond @ 5650'  
CBL: Baker Atlas  
5-Sep-09

Stage #9 - WF

Stage #8 - WF

Stage #7 - WF

Stage #6 - WF

Stage #5 - WF

Stage #4 - WF

Stage #3 - Cameo

Stage #2 - Cameo

Stage #1 - Cameo

WL: 10,490 ft  
Float: 10,526 ft  
TD: 10,653 ft

Updated: 1-Nov-10 by Greg Gandler

Well Name: 596-20A-18  
SAP CC :  
Lat/Long:  
Location: 596-20C Pad, Sec 20 T5S R96W  
County: Garfield County, CO  
Field : Grand Valley  
  
API #: 05-045-17702-00 WI: 100%  
Lease: NRI: 81.25%  
Document #: 20086134  
  
Spud Date: 7/13/2009 GL: 8264  
TD Date: 7/29/2009 KB: 8288  
1st Flow:

NO.	Tubing DESCRIPTION	LENGTH
1	Tubing Hanger	0.51
324	2-3/8" L-80 4.7#	10248.44
1	2-3/8" L-80 4.7# pup jt	2.2
1	2-3/8" L-80 4.7#	31.62
1	1.875" Profile Nipple	1.14
1	2-3/8" L-80 4.7#	4.29
1	Shear coupling	0.69
	KB	24
	Depth	10312.89

Total Sand 922,862 lbs  
Total Water 27,544 bbls

@ 2 SPF, perforated 8798'-8800' 8815'-8818' 8844'-8845' 8858'-8859' 8861'-8862' 8891'-8892'  
Frac'd with 132543# 30/50 White and 3558 bbls

@ 2 SPF, perforated 8930'-8932' 8969'-8970' 8980'-8981' 8994'-8995' 9018'-9020' 9038'-9040' 9049'-9052'  
Frac'd with 101196# 30/50 White and 2933 bbls

@ 2 SPF, perforated 9092'-9097' 9125'-9127' 9146'-9147' 9190'-9195'  
Frac'd with 117120# 30/50 White and 3281 bbls

@ 2 SPF, perforated 9251'-9252' 9279'-9280' 9334'-9338' 9376'-9378' 9396'-9398' 9416'-9418'  
Frac'd with 113639# 30/50 White and 3284 bbls

@ 2 SPF, perforated 9490'-9494' 9517'-9520' 9533'-9536' 9564'-9565' 9608'-9609'  
Frac'd with 86738# 30/50 White and 2666 bbls

@ 2 SPF, perforated 9646'-9647' 9686'-9687' 9728'-9732' 9775'-9776' 9810'-9811' 9828'-9833'  
Frac'd with 160690# 30/50 White and 4522 bbls

@ 2 SPF, perforated 9920'-9922' 9962'-9965' 10012'-10014' 10037'-10040' 10076'-10078'  
Frac'd with 87028# 30/50 White and 2699 bbls

@ 3 SPF, perforated 10137'-10141' 10159'-10163'  
Frac'd with 72125# 30/50 White and 2598 bbls

@ 2 SPF, perforated 10245'-10246' 10340'-10342' 10362'-10368' 10353'-10355' 10362'-10368'  
Frac'd with 51783# 30/50 White and 2003 bbls