

MARALO, INC.

S. L. FEDERAL "20" #1

API #30-025-32289

JANUARY 27, 1995

- 01/08/95 12,427' (127')(Day 35) Drilg. Shale & lime Bit #10 - 7 7/8" HTC ATJ-44C, 250' in 41 3/4 hrs. 24 hrs drld. MW 10, Visc 47, WL 10, FC 1/32, PV 13, YP 14, pH 9.5, Solids 3.9%, chl 164,000 ppm
- 01/09/95 12,552' (125')(Day 36) Drilg. Shale & lime Bit #10- 7 7/8" HTC ATJ-44C, 375' in 65 3/4 hrs. 24 hrs drld. MW 10, Visc 49, WL 7, FC 1/32, PV 12, YP 14, pH 9.5, solids 3.8%, chl 168,000 ppm.
- 01/10/95 12,605' (53')(Day 37) TIH w/DST #1. Bit #10 - 7 7/8" HTC ATJ-44C, 428' in 73 3/4 hrs. Depth out 12,605'. 8 hrs drld, 1 1/4 hr circ samples, 4 hrs circ for DST #1, 5 3/4 hrs SLH out of hole @ 11,613', no correction, 1 1/4 hrs PU DST tool, 1/2 hr TIH w/DST tool, 2 hrs load DP w/2300' FW blanket, 1 1/4 hrs TIH w/DST #1. MW 10, Visc 45, WL 5, FC 1/32, PV 13, YP 14, pH 9, solids 3.8%, chl 162,000 ppm.
- 01/11/95 12,605' (0')(Day 38) TOH to run logs. Bit #10 - 7 7/8" HTC ATJ-44C, 428' in 73 3/4 hrs. 2 hrs finished TIH w/DST #1 tools, 6 1/4 hrs open tools, tested 15' Dev. 3 1/4 hrs unset pkr TOH w/DST #1. 1 hr dropped bar, circ fluid, 1 1/2 hrs finished TOH w/DST #1 tools, 1 1/4 hrs LD DST tools, 4 1/4 hrs TIH w/Bit #10, 4 hrs circ hole clean for logs, 1/4 hr TOH to run logs. MW 10.1, Visc 48, WL 7, FC 1/32, PV 15, YP 12, pH 9.5, Solids 3.9, Chl 168,000 ppm. Ran DST #1 from 12,590' to 12,605'. (15' Devonian). 94" btm hole choke, 1/8" surface choke, 2300' of wtr blanket. Tool opened for 15 min pre-flow. Pre-flow opened w/good blow 1" in bucket of water. 9 1/2" in 10 mins. Btm of bucket in 14 mins to 7 oz on 1/8" hose in 15 minutes. Close tool in for 90 min ISIBP. Final flow opened with good blow 1" in bucket, 20 mins btm bucket 7 oz, 60 mins 15 1/2 oz, 90 mins 20 oz on 1/8" hose. Closed tool in for 180 min FSIBHP. Recovery from drill pipe 2332' water blanket, 1650' free oil. Gas cut 23.99 BO. Recovery from sample chamber 1950 gc oil, 48 @ 60 deg. 2.26 cu ft gas.
HMP IN 6621 psig OUT 6577 psig
15 min Pre-flow FBHP 1086 psig to 1194 psig
90 min ISIBHP 4683 psig
90 min Final flow FBHP 1203 psig to 1538 psig
180 min FSIBHP 4644 psig
BHT 195 deg @ 12,568'.
- 01/12/95 12,505' (0')(Day 39) RD logger. 4 hrs TOH to run logs, 20 hrs RU & ran SWSCO CNL/LDT TD to 9850' w/GR/CNL to surface, DLL/MSFL TD to 10,000', SHDT Dipmeter TD to 10,000'. Loggers TD 12,604'.
LOG TOPS:
Yates 2782' (+1398')
San Andres 4090' (+ 90')
San Andres Porosity 4777' (- 597')
Tuba 6895' (-2715')
ABO 7725' (-3545')
Wolfcamp XX 9032' (-4852')
Bough C 9715' (-5535')
Strawn 10,750' (-6570')
Atoka Clastics 11,279' (-7099')
Miss LS 11,862' (-7682')
Woodford 12,529' (-8349')
Dev Porosity 12,590' (-8410') 18' high to #1 Bonds
Dev 12,585' (-8405') 3' low to #1 Bonds
- 01/13/95 12,505' (0')(Day 40) Running 5 1/2" csg. 4 1/2 hrs TIH w/bit to cond hole for 5 1/2" csg, 1/2 hr cut DL, 4 hrs circ & cond hole, 8 hrs LD DP & DC's, 7 1/2 hrs RU 5 1/2" csg tool & ran 5 1/2" csg.
- 01/14/95 12,505' (0')(Day 41) WO completion. 2 hrs finished running 289 jts 17# L-80 5 1/2" csg. set @ 12,592' (btm of 5 1/2" csg pkr shoe), 1 1/2 hrs RU Howco & circ 5 1/2" csg, 2 hrs dropped ball & set 5 1/2" csg pkr & cement 5 1/2" csg w/150 sx 50/50 poz mix H cement mixed w/3% KCl wtr & .6% Halad 9. Plug down @ 11:30 a.m. 1/13/95, 4 hrs ND BOP. Set 5 1/2" csg slip. Cut off 5 1/2" csg & NJ wellhead & jet pits. sent 500 bbl mud to November "16" #1. Released Peterson Rig #3 @ 4:30 p.m. 1/13/94. Drop from report until completion begins.
- 01/18/95 OPERATION: Complete in Devonian
Clean & back drag location. Set anchors. MI RU Lucky Well Service rig. NU BOP. Moved tbq on to racks. PU & TIH w/4 3/4" bit & bit sub + 6 - 3 1/2" DC's + crossover + 268 jts 2 7/8" L-80 tbq. SIFN.
- 01/19/95 Finish RIH w/134 jts 2 7/8" L-80 tbq. Tag @ 12,544'. RU reverse unit. Drld out contaminated cement to 12,552'. Drld out plug catcher & cement to 12,590'. Circ hole clean. RU BJ Services. Pumped 300 gals 15% NEFE acid & 72 bbls 2% KCl wtr to pickle tbq. Circ hole w/275 bbls 2% KCl wtr. PU swivel. Test csg to 500 psi, held ok. Drld out pkr shoe from 12,590' to 12,592'. SD swivel. Continue to TD @ 12,605'. Circ hole clean. Did not circ formation or oil after entering open hole. RD swivel. RU BJ Services. Spotted 150 gals 15% NEFE acid w/triple inhibitor across open hole. POH w/6 jts. SIW. SDFN.