

Mesa Petroleum Co.

Houston #1

D 18-16-36

DST SUMMARYDST #1 10,497'-550' (53') Wolfcamp

Opened well on 10" PF with fair blow, increased to strong (bottom of bucket). SI 90". Reopened on 60" FF with strong blow. Had GTS in 41", TSTM. SI 180". Recovered 400' of SGCM with trace of oil. Sampler has 7.65 CFG + 1250 cc HGC and SOC DM @ 1500 psi.

IHH	5018
10" PF	86-111
90" ISI	2584
60" FF	86-137
180"FSI	2366
FHH	5082
BHT	1550 F

DST #2 11,359'-11,408' (49') Strawn 1020' WC

Opened on 15" PF with weak blow, increased to strong (2½# on 1/4" choke). SI 90" (5" after SI, pressure increased to 6.5#). Reopened on 60" FF with weak blow, increased to strong. FTS in 30". Increased to 18 psi at end of test (46 MCF). SI 240". Results: Recovered 1020' WC + 365' O&GCDF

IHH	5747
15"IF	472-472
90"ISI	3500
60"FF	472-553
240"FSI	3298
FHH	5747
BHT	1700 F

MFE chamber had 5.5 CFG + 1200 cc oil (450 API at 600 F) + 50 cc mud (C1 70,000 PPM) @ 750 psi

DST #3 11,432'-11,519' (87') Strawn (1020' WB)

Opened on 6" PF with weak blow, increased to strong (bottom of bucket in 1"). SI 100". Reopened on 115" FF with strong blow and varied as follows:

<u>ELAPSED TIME</u>	<u>PRESSURE</u>	<u>REMARKS</u>
3"	1 psi	On bubble hose
77"	30 psi	opened on 1/4" choke.
83"	18 psi	GTS
90"	7 psi	
100"	TSTM	
115"	TSTM	

SI 240"

Pulled tools loose (had 23,000# of additional weight) and reversed 1100' SO&GCWB (C1 1000 PPM) + 1000' GCM (with trace of oil) + 5400' GCSW (C1 73,000 PPM) with trace of oil.

IHS	5786
6" PF	875-1000
100" ISI	3681
115" FF	1138-3268
240"FSI	3656
FHS	5786
BHT	1900

Sampler had 2200 cc SW + 100 cc oil + 2.11 CFG @ 1645 psi.

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