

Day #52: TD 10,431; Fin FSI . DST #4; POOH w/test tools; MW 9.6; Vis 40; WL 10; Ph 10; Nitrates 200 ppm; DST #3 8370-8430 (Penn Is):

IH	4255	4296
IF (20 min)	764-1523	763-1459
ISI (90 min)	3229	3197
FF (60 min)	1389-2894	1361-2912
FSI (180 min)	3229	3223
FH	4230	4283

DST #4 7640-7700 (Wolfcamp):

Top Chart	Btm Chart
ISI 3042, no flow	IH 3932
FSI 3042	IF (20 min) no flow press
	ISI (90 min) 3020
	FF (60 min) no flow press
	FSI (180 min) 3020
	FH 3907

Recovered 6500' wtr + 50' drlg fluid;
Top - Ph 10.5, CI 3000, Nitrates 170 ppm; Middle - Ph 8.5, CI 5000, Nitrates 75 ppm; Btm - Ph 8.0; CI 6000, Nitrates 45 ppm; Pit - Ph 10.0; CI 3000, Nitrates 180 ppm; Sampler: 7 psi, 2150 cc wtr, Ph 9.5; CI 2800, Nitrates 60 ppm; Made up test tools; (WIH w/DST #5 3870-4000 (San Andres); Open tool @ 10:25 PM

Time	Ck
10:25	1/8", open tool, fair blow
10:30	"
10:35	" , incr to good blow
10:40	"
10:45	" , good blow
SI for 90 min	ISI
12:25	" , open w/fair blow
12:30	" , good blow
12:40	" , good blow
12:45	" , decr to fair blow for rest of
1:25	of flow

3 hrs FSI; Now POOH w/test tools.

TD 10,430; PU test tool for DST #6 7640-7700 (Wolfcamp); MW 9.5; Vis 43; WL 10; Ph 9.5; Nitrates 180 ppm; 16 hrs trip, 8 hrs down; Fin POOH w/DST #5 over interval 3870-4400 San Andres:
Field Readings:

IH	1984
IF (20 min)	91-130
ISI (90 min)	1556
FF (60 min)	154-248
ISI (180 min)	1556
FF	1984

Rec: 700' drlg fluid; Sampler: 110 psi, 2105 cc drlg fluid; PU bit; TIH, wash 50' to btm, 10' of fill; Circ & cond hole; POH for DST #6; Now PU test tools.

Day #54: TD 10,430'; Breaking down test tools; MW 9.5; Vis 43; WL 10; Ph 9.5; Nitrates 180 ppm; 10 hrs trip, 14 hrs DST; TIH w/test tools; Set top pkr @ 7640, btm pkr @ 7700; Open tool for 20 min IF w/blow on bubble hose incr to strong blow in 1 min incr to 1/2 psi on bubble hose 10 minutes into period; End of 20 min IF had 2 psi on bubble hose; SI tool for 90 min ISIP; Open tool for 1 1/2 hr FF w/weak blow on bubble hose, incr to strong blow in 5 min, had 1/2 psi on bubble hose in 1 hr 5 min into flow period, incr to 4 1/2 psi at end of flow period; SI for 4 1/2 hrs FSIP; No GTS; Rel pkrs; POOH; Rec 280' form wtr + 100' drlg fluid;

Top drill pipe rec sample: 0.39 Rw, CI 60,000

Middle drill pipe rec sample: 0.16 Rw, CI 40,000

Btm drill pipe rec sample: 0.14 Rw, CI 40,000

Sampler: 50 psi, 1800 cc form wtr, CI 40,000 w/FW = 0.14 tr gas

IH	3841	3918
IF (20 min)	338-485	377-524
ISI (90 min)	2992	3051
FF (90 min)	464-1326	545-1469
FSI (270 min)	2950 bldg	3030 bldg
FH	3801	3824

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