

TUNA-2

FORMATION TESTER RECOVERY DATA

FIT DATA RUNS 1 & 2

TEST No	1	RECOVERY DATA	TOOL DATA
TEST DEPTH	6644	Gas (Total) 0.05 cuft Condensate 0 cc Oil 0 cc Water 700 cc Mud 200 cc Sand 0 cc	Type of tool FIT Combo Type of Sample shot HTF+78 SC Sample Unit size 22165 cc Choke size 0.020
OPEN HOLE TEST	X		
CASED HOLE TEST			
PRESSURE DATA	Initial Shut in 3400 psi Shut in Time 1.5 min Sampling 100 psi Sampling Time 18.5 min Final Shut in 2980 psi Shut in Time 7.5 min Hydrostatic 3700 psi Surface Chamber 10 psi	RECOVERY ANALYSIS Free Gas 0 cuft Oil 0 cc API Gravity @ -F GOR @ -F Water 103 @ 78 -F Rrf (Filtered) 3700 ppm Equivalent Cl	MUD FILTRATE DATA Rmf 0.87 @ 74 -F Equivalent Cl 6500 ppm Rw 0.08 @ 200 -F Equivalent Cl 25000 ppm
REMARKS			

SEGREGATOR

TEST No	2	RECOVERY DATA	TOOL DATA
TEST DEPTH	6644	Gas (Total) 1 cuft Condensate 0 cc Oil 0 cc Water 300 cc Mud 0 cc Sand 0 cc	Type of tool FIT Combo Type of Sample shot HTF+78 SC Sample Unit size 22500 cc Choke size None
OPEN HOLE TEST	X		
CASED HOLE TEST			
PRESSURE DATA	Initial Shut in - psi Shut in Time - min Sampling 10.5 psi Sampling Time 1.8 min Final Shut in 2980 psi Shut in Time 7.5 min Hydrostatic 3700 psi Surface Chamber - psi	RECOVERY ANALYSIS Free Gas 0 cuft Oil 0 cc API Gravity @ -F GOR @ -F Water 1.13 @ 82 -F Rrf (Filtered) 4200 ppm Equivalent Cl	MUD FILTRATE DATA Rmf 0.87 @ 74 -F Equivalent Cl 6500 ppm Rw 0.08 @ 200 -F Equivalent Cl 25000 ppm
REMARKS			

SEGREGATOR

TEST No	3	RECOVERY DATA	TOOL DATA
TEST DEPTH	6632	Gas (Total) 0 cuft Condensate 0 cc Oil 0 cc Water 1200 cc Mud 0 cc Sand 0 cc	Type of tool FIT Combo Type of Sample shot HTF+78 SC Sample Unit size 22165 cc Choke size 0.020
OPEN HOLE TEST	X		
CASED HOLE TEST			
PRESSURE DATA	Initial Shut in - psi Shut in Time - min Sampling 0 psi Sampling Time 24.5 min Final Shut in 14.5 psi Shut in Time 14.5 min Hydrostatic 3750 psi Surface Chamber - psi	RECOVERY ANALYSIS Free Gas 0 cuft Oil 0 cc API Gravity @ -F GOR @ -F Water 124 @ 82 -F Rrf (Filtered) 4000 ppm Equivalent Cl	MUD FILTRATE DATA Rmf 0.87 @ 74 -F Equivalent Cl 6500 ppm Rw 0.08 @ 200 -F Equivalent Cl 25000 ppm
REMARKS			

SEGREGATOR

TEST No	4	RECOVERY DATA	TOOL DATA
TEST DEPTH	6591	Gas (Total) 0 cuft Condensate 0 cc Oil 5 cum Water 1900 cc Mud 0 cc Sand 0 cc	Type of tool FIT Type of Sample shot 2 Contacts Sample Unit size 20500 cc Choke size 0.020
OPEN HOLE TEST	X		
CASED HOLE TEST			
PRESSURE DATA	Initial Shut in - psi Shut in Time - min Sampling 2240 psi Sampling Time 1.8 min Final Shut in 2412 psi Shut in Time 7.5 min Hydrostatic 3550 psi Surface Chamber - psi	RECOVERY ANALYSIS Free Gas 0 cuft Oil 0 cc API Gravity @ -F GOR @ -F Water 124 @ 82 -F Rrf (Filtered) 4000 ppm Equivalent Cl	MUD FILTRATE DATA Rmf 0.87 @ 74 -F Equivalent Cl 6500 ppm Rw 0.08 @ 200 -F Equivalent Cl 25000 ppm
REMARKS			

SEGREGATOR

TEST No	5	RECOVERY DATA	TOOL DATA
TEST DEPTH	6615	Gas (Total) 23.6 cuft Condensate 0 cc Oil 9500 cc Water 10000 cc Mud 0 cc Sand 0 cc	Type of tool FIT Combo Type of Sample shot HTF+78 SC Sample Unit size 22165 cc Choke size 0.020
OPEN HOLE TEST	X		
CASED HOLE TEST			
PRESSURE DATA	Initial Shut in - psi Shut in Time - min Sampling 420 psi Sampling Time 44.5 min Final Shut in 3000 psi Shut in Time 6.3 min Hydrostatic 3570 psi Surface Chamber 1100 psi	RECOVERY ANALYSIS Free Gas 0 cuft Oil 0 cc API Gravity 406 @ 60 -F GOR 395 -F Water 107 @ 86 -F Rrf (Filtered) 4700 ppm Equivalent Cl	MUD FILTRATE DATA Rmf 0.87 @ 74 -F Equivalent Cl 6500 ppm Rw 0.08 @ 200 -F Equivalent Cl 25000 ppm
REMARKS			

SEGREGATOR

TEST No	5	RECOVERY DATA	TOOL DATA
TEST DEPTH	6615	Gas (Total) 1 cuft Condensate 0 cc Oil 1000 cc Water 0 cc Mud 0 cc Sand 0 cc	Type of tool FIT Combo Type of Sample shot HTF+78 SC Sample Unit size 22500 cc Choke size None
OPEN HOLE TEST	X		
CASED HOLE TEST			
PRESSURE DATA	Initial Shut in - psi Shut in Time - min Sampling 3 psi Sampling Time 3 min Final Shut in 3000 psi Shut in Time 3 min Hydrostatic 3570 psi Surface Chamber 1300 psi	RECOVERY ANALYSIS Free Gas 0 cuft Oil 0 cc API Gravity @ -F GOR @ -F Water 1.07 @ 86 -F Rrf (Filtered) 4700 ppm Equivalent Cl	MUD FILTRATE DATA Rmf 0.87 @ 74 -F Equivalent Cl 6500 ppm Rw 0.08 @ 200 -F Equivalent Cl 25000 ppm
REMARKS			

SEGREGATOR

TEST No	6	RECOVERY DATA	TOOL DATA
TEST DEPTH	6633	Gas (Total) 0 cuft Condensate 0 cc Oil 0 cc Water 0 cc Mud 0 cc Sand 0 cc	Type of tool FIT Type of Sample shot 2 X 18 SC Sample Unit size 22500 cc Choke size 0.020
OPEN HOLE TEST	X		
CASED HOLE TEST			
PRESSURE DATA	Initial Shut in 2540 psi Shut in Time 12.6 min Sampling - psi Sampling Time - min Final Shut in - psi Shut in Time - min Hydrostatic 3270 psi Surface Chamber - psi	RECOVERY ANALYSIS Free Gas 0 cuft Oil 0 cc API Gravity @ -F GOR @ -F Water - @ -F Rrf (Filtered) @ -F Equivalent Cl	MUD FILTRATE DATA Rmf 0.87 @ 74 -F Equivalent Cl 6500 ppm Rw 0.08 @ 200 -F Equivalent Cl 25000 ppm
REMARKS Lost Packer Seal Mud Run			

SEGREGATOR

TEST No	7	RECOVERY DATA	TOOL DATA
TEST DEPTH	6632.5	Gas (Total) 0 cuft Condensate 0 cc Oil 0 cc Water 0 cc Mud 0 cc Sand 0 cc	Type of tool FIT Combo Type of Sample shot 2 X 78 SC Sample Unit size 22165 cc Choke size 0.020
OPEN HOLE TEST	X		
CASED HOLE TEST			
PRESSURE DATA	Initial Shut in - psi Shut in Time - min Sampling 0 psi Sampling Time - min Final Shut in - psi Shut in Time - min Hydrostatic 3500 psi Surface Chamber - psi	RECOVERY ANALYSIS Free Gas 0 cuft Oil 0 cc API Gravity @ -F GOR @ -F Water - @ -F Rrf (Filtered) @ -F Equivalent Cl	MUD FILTRATE DATA Rmf 0.87 @ 74 -F Equivalent Cl 6500 ppm Rw 0.08 @ 200 -F Equivalent Cl 25000 ppm
REMARKS Seal Failed Mud Run			

SEGREGATOR

TEST No	1	RECOVERY DATA	TOOL DATA
TEST DEPTH	6615	Gas (Total) 0.4 cuft Condensate 0 cc Oil 210 cc Water 1900 cc Mud 0 cc Sand 0 cc	Type of tool FIT Combo Type of Sample shot HTF+78 SC Sample Unit size 22165 cc Choke size 0.020
OPEN HOLE TEST	X		
CASED HOLE TEST			
PRESSURE DATA	Initial Shut in - psi Shut in Time - min Sampling 100 psi Sampling Time 14.5 min Final Shut in 70 psi Shut in Time 1.2 min Hydrostatic 3700 psi Surface Chamber 0 psi	RECOVERY ANALYSIS Free Gas 0 cuft Oil 0 cc API Gravity @ -F GOR @ -F Water - @ -F Rrf (Filtered) @ -F Equivalent Cl	MUD FILTRATE DATA Rmf 0.87 @ 74 -F Equivalent Cl 6500 ppm Rw 0.08 @ 200 -F Equivalent Cl 25000 ppm
REMARKS Test Tight Reversfire			

SEGREGATOR

TEST No	1	RECOVERY DATA	TOOL DATA
TEST DEPTH	6615	Gas (Total) 0.02 cuft Condensate 0 cc Oil 0 cc Water 0 cc Mud Trace Sand 0 cc	Type of tool FIT Combo Type of Sample shot HTF+78 SC Sample Unit size 22500 cc Choke size None
OPEN HOLE TEST	X		
CASED HOLE TEST			
PRESSURE DATA	Initial Shut in - psi Shut in Time - min Sampling 0 psi Sampling Time 7 min Final Shut in 70 psi Shut in Time 1.2 min Hydrostatic 3700 psi Surface Chamber 0 psi	RECOVERY ANALYSIS Free Gas 0 cuft Oil 0 cc API Gravity @ -F GOR @ -F Water - @ -F Rrf (Filtered) @ -F Equivalent Cl	MUD FILTRATE DATA Rmf 1.90 @ 60 -F Equivalent Cl 3500 ppm Rw 0.08 @ 200 -F Equivalent Cl 25000 ppm
REMARKS			

SEGREGATOR

TEST No	2	RECOVERY DATA	TOOL DATA
TEST DEPTH	6603	Gas (Total) 3 cuft Condensate 0 cc Oil 1800 cc Water 1800 cc Mud 1800 cc Sand 0 cc	Type of tool FIT Combo Type of Sample shot HTF+78 SC Sample Unit size 22165 cc Choke size 0.020
OPEN HOLE TEST	X		
CASED HOLE TEST			
PRESSURE DATA	Initial Shut in - psi Shut in Time - min Sampling 1530 psi Sampling Time 1.7 min Final Shut in 2960 psi Shut in Time 3.5 min Hydrostatic 3700 psi Surface Chamber 400 psi	RECOVERY ANALYSIS Free Gas 2.3 cuft Oil 0 cc API Gravity @ -F GOR @ -F Water 1.36 @ 74 -F Rrf (Filtered) 4000 ppm Equivalent Cl	MUD FILTRATE DATA Rmf 1.90 @ 60 -F Equivalent Cl 3500 ppm Rw 0.08 @ 200 -F Equivalent Cl 25000 ppm
REMARKS			

SEGREGATOR

TEST No	2	RECOVERY DATA	TOOL DATA
TEST DEPTH	6603	Gas (Total) 0 cuft Condensate 0 cc Oil 0 cc Water 0 cc Mud 0 cc Sand 0 cc	Type of tool FIT Combo Type of Sample shot HTF+78 SC Sample Unit size 22500 cc Choke size None
OPEN HOLE TEST	X		
CASED HOLE TEST			
PRESSURE DATA	Initial Shut in 4 psi Shut in Time - min Sampling 250 psi Sampling Time 0.4 min Final Shut in 2900 psi Shut in Time 2 min Hydrostatic 3700 psi Surface Chamber - psi	RECOVERY ANALYSIS Free Gas 0 cuft Oil 0 cc API Gravity @ -F GOR @ -F Water - @ -F Rrf (Filtered) @ -F Equivalent Cl	MUD FILTRATE DATA Rmf 1.90 @ 60 -F Equivalent Cl 3500 ppm Rw 0.08 @ 200 -F Equivalent Cl 25000 ppm
REMARKS Tool To be sent To Lab			

SEGREGATOR

TEST No	3	RECOVERY DATA	TOOL DATA
TEST DEPTH	4544	Gas (Total) 212.5 cuft Condensate 1200 cc Oil 0 cc Water 0 cc Mud 0 cc Sand 200 cc	Type of tool FIT Type of Sample shot 2 X 18 SC Sample Unit size 67450 cc Choke size None
OPEN HOLE TEST			
CASED HOLE TEST	X		
PRESSURE DATA	Initial Shut in - psi Shut in Time - min Sampling 940 psi Sampling Time 0.5 min Final Shut in 1720 psi Shut in Time 3.2 min Hydrostatic 2440 psi Surface Chamber - psi	RECOVERY ANALYSIS Free Gas 0 cuft Oil 0 cc API Gravity @ -F GOR @ -F Water - @ -F Rrf (Filtered) @ -F Equivalent Cl	MUD FILTRATE DATA Rmf 1.90 @ 60 -F Equivalent Cl 3500 ppm Rw @ -F Equivalent Cl ppm
REMARKS			

SEGREGATOR

TEST No	3	RECOVERY DATA	TOOL DATA
TEST DEPTH	4544	Gas (Total) 0 cuft Condensate 0 cc Oil 0 cc Water 0 cc Mud 0 cc Sand 0 cc	Type of tool FIT Type of Sample shot 2 X 18 SC Sample Unit size 22500 cc Choke size None
OPEN HOLE TEST			
CASED HOLE TEST	X		
PRESSURE DATA	Initial Shut in - psi Shut in Time - min Sampling - psi Sampling Time - min Final Shut in 1820 psi Shut in Time 6 min Hydrostatic 2240 psi Surface Chamber - psi	RECOVERY ANALYSIS Free Gas 0 cuft Oil 0 cc API Gravity @ -F GOR @ -F Water - @ -F Rrf (Filtered) @ -F Equivalent Cl	MUD FILTRATE DATA Rmf 1.90 @ 60 -F Equivalent Cl 3500 ppm Rw @ -F Equivalent Cl ppm
REMARKS Tube transferred at Lab			

SEGREGATOR

TEST No	4	RECOVERY DATA	TOOL DATA
TEST DEPTH	4563	Gas (Total) 77 cuft Condensate 0 cc Oil 0 cc Water remainder Mud all mud Sand 0 cc	Type of tool FIT Type of Sample shot 2 X 18 SC Sample Unit size 67450 cc Choke size None
OPEN HOLE TEST			
CASED HOLE TEST	X		
PRESSURE DATA	Initial Shut in - psi Shut in Time - min Sampling - psi Sampling Time 8.5 min Final Shut in - psi Shut in Time - min Hydrostatic - psi Surface Chamber 1600 psi	RECOVERY ANALYSIS Free Gas 0 cuft Oil 0 cc API Gravity @ -F GOR @ -F Water - @ -F Rrf (Filtered) @ -F Equivalent Cl	MUD FILTRATE DATA Rmf 1.90 @ 60 -F Equivalent Cl 3500 ppm Rw @ -F Equivalent Cl ppm
REMARKS Mud Run. Sample gauge Shorted by mud.			

SEGREGATOR

TEST No	4	RECOVERY DATA	TOOL DATA
TEST DEPTH	4563	Gas (Total) 0 cuft Condensate 0 cc Oil 0 cc Water 0 cc Mud 0 cc Sand 0 cc	Type of tool FIT Type of Sample shot 2 X 18 SC Sample Unit size 22500 cc Choke size None
OPEN HOLE TEST			
CASED HOLE TEST	X		
PRESSURE DATA	Initial Shut in - psi Shut in Time - min Sampling - psi Sampling Time - min Final Shut in - psi Shut in Time - min Hydrostatic - psi Surface Chamber - psi	RECOVERY ANALYSIS Free Gas 0 cuft Oil 0 cc API Gravity @ -F GOR @ -F Water - @ -F Rrf (Filtered) @ -F Equivalent Cl	MUD FILTRATE DATA Rmf 1.90 @ 60 -F Equivalent Cl 3500 ppm Rw @ -F Equivalent Cl ppm
REMARKS Mud Run.			

COMPANY **ESSO Standard Oil (Aust)**

WELL **Tuna 2**

FIELD **Stepout**

COUNTRY **Australia** STATE **Victoria**

SCHLUMBERGER DEPT. NAT. RES. & ENV. PE902871

FORMATION TESTER