

MACKEREL - 4

FORMATION TESTER RECOVERY DATA

FIT DATA

TEST No	1	RECOVERY DATA	TOOL DATA
TEST DEPTH	7912	Gas (Total) 0.4 cuft	Type of tool 1 Combo FIT
OPEN HOLE TEST	<input checked="" type="checkbox"/>	Condensate cc	Type of Sample shot CONTACT
CASED HOLE TEST	<input type="checkbox"/>	Oil scum cc	Sample Unit size 22,000 cc
		Water 21,000 cc	Choke size 0.030
		Mud cc	
		Sand cc	
PRESSURE DATA		RECOVERY ANALYSIS	MUD FILTRATE DATA
Initial Shut in	psi	Free Gas 0.4 cuft	Rmf .67 @ 72 .F
Shut in Time	min	Oil	Equivalent Cl 5330 ppm
Sampling	3,350 psi	API Gravity @ .F	Rw @ .F
Sampling Time	5 min	GOR	Equivalent Cl ppm
Final Shut in	3,450 psi	Water	
Shut in Time	6 1/2 min	Rrf (Filtered) .55 @ 68 .F	REMARKS SFA-B, RT USED ALSO
Hydrostatic	4,200 psi	Equivalent Cl ppm	CONTAINED
Surface Chamber	50 psi		SCUM OF OIL
			2200 cc WATER.

FORMATION TESTER RECOVERY DATA

TEST No	2	RECOVERY DATA	TOOL DATA
TEST DEPTH	7878	Gas (Total) 23.3 cuft	Type of tool Combo FIT
OPEN HOLE TEST	<input checked="" type="checkbox"/>	Condensate cc	Type of Sample shot CONTACT
CASED HOLE TEST	<input type="checkbox"/>	Oil 17,000 cc	Sample Unit size 22,000 cc
		Water 750 cc	Choke size 0.030
		Mud cc	
		Sand cc	
PRESSURE DATA		RECOVERY ANALYSIS	MUD FILTRATE DATA
Initial Shut in	psi	Free Gas	Rmf .67 @ 72 .F
Shut in Time	min	Oil	Equivalent Cl 5330 ppm
Sampling	1,750 psi	API Gravity 50 API @ 60 .F	Rw @ .F
Sampling Time	6 1/2 min	GOR GOR 217	Equivalent Cl ppm
Final Shut in	3,300 psi	Water	
Shut in Time	2 min	Rrf (Filtered) .74 @ 74 .F	REMARKS OIL POOR POINT 58
Hydrostatic	4,000 psi	Equivalent Cl 4670 ppm	
Surface Chamber	250 psi		

FORMATION TESTER RECOVERY DATA

TEST No	3	RECOVERY DATA	TOOL DATA
TEST DEPTH	7824	Gas (Total) 0 cuft	Type of tool Combo FIT
OPEN HOLE TEST	<input checked="" type="checkbox"/>	Condensate 0 cc	Type of Sample shot CONTACT
CASED HOLE TEST	<input type="checkbox"/>	Oil 0 cc	Sample Unit size 22,000 cc
		Water 0 cc	Choke size 0.030
		Mud 22,000 cc	
		Sand 50 cc	
PRESSURE DATA		RECOVERY ANALYSIS	MUD FILTRATE DATA
Initial Shut in	psi	Free Gas	Rmf .67 @ 72 .F
Shut in Time	min	Oil	Equivalent Cl ppm
Sampling	psi	API Gravity @ .F	Rw @ .F
Sampling Time	min	GOR	Equivalent Cl ppm
Final Shut in	psi	Water	
Shut in Time	min	Rrf (Filtered) @ .F	REMARKS SEAL FAILURE Tool only
Hydrostatic	3,600 psi	Equivalent Cl ppm	RECOVERED MUD.
Surface Chamber	0 psi		

FORMATION TESTER RECOVERY DATA

TEST No	4	RECOVERY DATA	TOOL DATA
TEST DEPTH	7775	Gas (Total) 0 cuft	Type of tool Combo FIT
OPEN HOLE TEST	<input checked="" type="checkbox"/>	Condensate 0 cc	Type of Sample shot CONTACT
CASED HOLE TEST	<input type="checkbox"/>	Oil 0 cc	Sample Unit size 22,000 cc
		Water 0 cc	Choke size 4 x 0.020
		Mud 22,000 cc	
		Sand cc	
PRESSURE DATA		RECOVERY ANALYSIS	MUD FILTRATE DATA
Initial Shut in	psi	Free Gas	Rmf .67 @ 72 .F
Shut in Time	min	Oil	Equivalent Cl ppm
Sampling	psi	API Gravity @ .F	Rw @ .F
Sampling Time	min	GOR	Equivalent Cl ppm
Final Shut in	psi	Water	
Shut in Time	min	Rrf (Filtered) @ .F	REMARKS Seal failure Tool only
Hydrostatic	3,850 psi	Equivalent Cl ppm	RECOVERED MUD.
Surface Chamber	0 psi		Bottom Hole Temp 196°

FORMATION TESTER RECOVERY DATA

TEST No	5	RECOVERY DATA	TOOL DATA
TEST DEPTH	7832	Gas (Total) 15.5 cuft	Type of tool Combo FIT
OPEN HOLE TEST	<input checked="" type="checkbox"/>	Condensate cc	Type of Sample shot CONTACT
CASED HOLE TEST	<input type="checkbox"/>	Oil 10,500 cc	Sample Unit size 22,000 cc
		Water cc	Choke size 4 x 0.020
		Mud 8,500 cc	
		Sand cc	REVERSE FIRE TECHNIQUE USED.
PRESSURE DATA		RECOVERY ANALYSIS	MUD FILTRATE DATA
Initial Shut in	psi	Free Gas 15.5 cuft	Rmf .67 @ 72 .F
Shut in Time	min	Oil	Equivalent Cl ppm
Sampling	3,250 psi	API Gravity 50 @ 63 .F	Rw @ .F
Sampling Time	16 min	GOR 234	Equivalent Cl ppm
Final Shut in	3,350 psi	Water	
Shut in Time	10 min	Rrf (Filtered) .67 @ 68 .F	REMARKS OIL POOR POINT 63°
Hydrostatic	3,850 psi	Equivalent Cl ppm	#15 SEGREGATOR TO SALE FOR TRANSFER.
Surface Chamber	250 psi		BHT 202°

FORMATION TESTER RECOVERY DATA

TEST No	6	RECOVERY DATA	TOOL DATA
TEST DEPTH	7778	Gas (Total) 18.6 cuft	Type of tool Combo FIT
OPEN HOLE TEST	<input type="checkbox"/>	Condensate cc	Type of Sample shot CONTACT
CASED HOLE TEST	<input type="checkbox"/>	Oil 13,750 cc	Sample Unit size 22,000 cc
		Water 1,000 cc	Choke size 4 x 0.020
		Mud 4,500 cc	
		Sand cc	REVERSE FIRE TECHNIQUE USED TO CUT CHANCE OF SEAL FAILURE
PRESSURE DATA		RECOVERY ANALYSIS	MUD FILTRATE DATA
Initial Shut in	psi	Free Gas	Rmf @ .F
Shut in Time	min	Oil	Equivalent Cl ppm
Sampling	3,250 psi	API Gravity 49.7 @ 63 .F	Rw @ .F
Sampling Time	17 min	GOR 207	Equivalent Cl ppm
Final Shut in	3,300 psi	Water	
Shut in Time	5 min	Rrf (Filtered) .77 @ 68 .F	REMARKS #15 SEGREGATOR TO SALE FOR TRANSFER.
Hydrostatic	3,950 psi	Equivalent Cl ppm	BHT 202 OIL POOR POINT 60°
Surface Chamber	250 psi		

FORMATION TESTER RECOVERY DATA

TEST No	7	RECOVERY DATA	TOOL DATA
TEST DEPTH	7880 1/2	Gas (Total) 0 cuft	Type of tool Combo FIT
OPEN HOLE TEST	<input checked="" type="checkbox"/>	Condensate 0 cc	Type of Sample shot CONTACT
CASED HOLE TEST	<input type="checkbox"/>	Oil 0 cc	Sample Unit size 22,000 cc
		Water 0 cc	Choke size (NO CHOKER) NO SAMPLE CHAMBERS
		Mud 0 cc	
		Sand 0 cc	
PRESSURE DATA		RECOVERY ANALYSIS	MUD FILTRATE DATA
Initial Shut in	3,350 psi	Free Gas 0 cuft	Rmf .67 @ 72 .F
Shut in Time	5 min	Oil	Equivalent Cl ppm
Sampling	150 psi	API Gravity 0 @ 0 .F	Rw @ .F
Sampling Time	1 min	GOR	Equivalent Cl ppm
Final Shut in	3,500 psi	Water	
Shut in Time	5 min	Rrf (Filtered) @ .F	REMARKS THIS TEST WAS REQUESTED AS PRESSURE BUILD UP ONLY.
Hydrostatic	4,000 psi	Equivalent Cl ppm	NO SAMPLE RECOVERED.
Surface Chamber	NONE psi		

COMPANY Esso AUSTRALIA LTD.
 WELL MACKEREL 4
 FIELD WILDCAT
 COUNTRY AUSTRALIA STATE VICTORIA

SCHLUMBERGER
FORMATION TESTER

DEPT. NAT. RES. & ENV.
 PE904981