


PERCH-1

FORMATION TESTER RECOVERY DATA

FIT DATA

TEST No	1	RECOVERY DATA	TOOL DATA
TEST DEPTH	3744	Gas (Total) 0.1 cuft	Type of tool <i>FIT</i>
OPEN HOLE TEST	x	Condensate 0 cc	Type of Sample shot <i>Tube follower</i>
CASED HOLE TEST		Oil <i>Scum</i> cc	Sample Unit size <i>20520</i> cc
		Water <i>175.00</i> cc	Choke size <i>4X0.020</i>
		Mud + Water <i>26.00</i> cc	DEPT. NAT. RES & ENV
		Sand 0 cc	
			PE906245
PRESSURE DATA		RECOVERY ANALYSIS	MUD FILTRATE DATA
Initial Shut in	— psi	Free Gas 0.1 cuft	Rmf <i>0.80 @ 86</i> °F
Shut in Time	— min	Oil	Equivalent Cl <i>6200</i> ppm
Sampling	<i>1700</i> psi	API Gravity	Rw <i>2.1 @ 86</i> °F
Sampling Time	<i>40</i> min	GOR	Equivalent Cl <i>2200</i> ppm
Final Shut in	<i>1700</i> psi	Water	REMARKS <i>Q = 11 cc/sec. K = 60 md.</i>
Shut in Time	— min	Rrf (Filtered) <i>1.2 @ 86</i> °F	<i>75% Formation Water.</i>
Hydrostatic	<i>2020</i> psi	Equivalent Cl <i>4000</i> ppm	<i>Water production Reverse fire</i>
Surface Chamber	<i>375</i> psi		

SEGREGATOR

TEST No	1	RECOVERY DATA	TOOL DATA
TEST DEPTH	3744	Gas (Total) 0 cuft	Type of tool <i>FLT</i>
OPEN HOLE TEST	x	Condensate 0 cc	Type of Sample shot <i>Tube follower</i>
CASED HOLE TEST		Oil <i>Scum</i> cc	Sample Unit size <i>2225</i> cc
		Water <i>2200</i> cc	Choke size <i>None</i>
		Mud 0 cc	
		Sand 0 cc	
PRESSURE DATA		RECOVERY ANALYSIS	MUD FILTRATE DATA
Initial Shut in	— psi	Free Gas 0 cuft	Rmf <i>0.80 @ 86</i> °F
Shut in Time	— min	Oil	Equivalent Cl <i>6200</i> ppm
Sampling	<i>650</i> psi	API Gravity	Rw <i>2.1 @ 86</i> °F
Sampling Time	<i>0.2</i> min	GOR	Equivalent Cl <i>2200</i> ppm
Final Shut in	<i>1670</i> psi	Water	REMARKS <i>Q = 740 cc/sec. K = 120 md.</i>
Shut in Time	<i>8</i> min	Rrf (Filtered) <i>1.2 @ 86</i> °F	<i>As above.</i>
Hydrostatic	<i>2020</i> psi	Equivalent Cl <i>4000</i> ppm	
Surface Chamber	<i>350</i> psi		

SEGREGATOR

TEST No	2	RECOVERY DATA	TOOL DATA
TEST DEPTH	3740	Gas (Total) 0.80 cuft	Type of tool FIT
OPEN HOLE TEST	x	Condensate 0 cc	Type of Sample shot <i>Tube follower</i>
CASED HOLE TEST		Oil <i>5130</i> cc	Sample Unit size <i>10250</i> cc
		Water + mud + oil <i>2950</i> cc	Choke size <i>4X0.02</i>
		Mud 0 cc	
		Sand 0 cc	
		<i>Transferred in 70 sec under pressure.</i>	
PRESSURE DATA		RECOVERY ANALYSIS	MUD FILTRATE DATA
Initial Shut in	— psi	Free Gas <i>0.80</i> cuft	Rmf <i>0.80 @ 86</i> °F
Shut in Time	— min	Oil	Equivalent Cl <i>6200</i> ppm
Sampling	<i>1780</i> psi	API Gravity <i>40.7 @ 60</i> °F	Rw <i>2.1 @ 86</i> °F
Sampling Time	<i>40</i> min	GOR <i>25</i>	Equivalent Cl <i>2200</i> ppm
Final Shut in	<i>1780</i> psi	Water	REMARKS <i>Q = 11 cc/sec. K = 260 md.</i>
Shut in Time	— min	Rrf (Filtered) <i>0.92 @ 75</i> °F	<i>JFT = 0.12 bbl/day/psi/ft.</i>
Hydrostatic	<i>2050</i> psi	Equivalent Cl <i>5100</i> ppm	<i>Reverse fire</i>
Surface Chamber	<i>100</i> psi		<i>Hydrocarbon with low water cut</i>

SEGREGATOR

TEST No	2	RECOVERY DATA	TOOL DATA
TEST DEPTH	3740	Gas (Total) 0 cuft	Type of tool <i>FIT</i>
OPEN HOLE TEST	x	Condensate 0 cc	Type of Sample shot <i>Tube follower</i>
CASED HOLE TEST		Oil 0 cc	Sample Unit size <i>2225</i> cc
		Water 0 cc	Choke size <i>None</i>
		Mud <i>2225</i> cc	
		Sand <i>1</i> cc	
PRESSURE DATA		RECOVERY ANALYSIS	MUD FILTRATE DATA
Initial Shut in	— psi	Free Gas — cuft	Rmf <i>0.80 @ 86</i> °F
Shut in Time	— min	Oil	Equivalent Cl <i>6200</i> ppm
Sampling	— psi	API Gravity	Rw <i>2.1 @ 86</i> °F
Sampling Time	— min	GOR	Equivalent Cl <i>2200</i> ppm
Final Shut in	<i>2050</i> psi	Water	REMARKS <i>Packer seal failed when</i>
Shut in Time	<i>1.6</i> min	Rrf (Filtered)	<i>Segregator was opened.</i>
Hydrostatic	<i>2050</i> psi	Equivalent Cl	
Surface Chamber	<i>50</i> psi		

COMPANY

ESSO Standard Oil (Aust)

PERCH A1

SCHLUMBERGER