

## DST NO. 6

Perforations: 10375 - 10390

No.	I.D.	O.D.	Description	Length	Depth
1	2 7/8		Baker Test Head		
1			Hydril Valve		
			Tubing Above RKB (Less)	-16.00	
9	2.441	2 7/8	6.50 lb N-80 8R Tubing	278.92	262.92
			Otis SST Tree Slick Jt. & Hanger	27.00	289.92
318	2.441	2 7/8	6.50 lb N-80 8R Tubing	9921.60	10211.52
1	2 17/32	4 3/8	3½ IF Pin by 2 7/8 Eue. 8R Box	1.00	10212.52
1	2 17/32	4 3/8	3½ Box by Pin Knock out Sub	1.00	10213.52
1	2½	4 3/8	2 7/8 Eue. 8R Pin by 3½ IF Box Sub	1.00	10214.52
3	2.441	2 7/8	6.50 lb N-80 Eue 8R Tubing	93.60	10308.12
1		2.500	B.J. Unloader	2.00	10310.12
1	5.884	2.500	B.J. FFC Packer	4.24	10314.36
1	2.441	2 7/8	6.50 lb N-80 Eue 8R Tubing	15.08	10329.44
1	2.441	2 7/8	6.50 lb N-80 Eue 8R Tubing Perf. Jt.	31.52	10360.96
1	2.500	3.500	Recorder Hanger No. 2758	1.00	10361.96
1	2.500	3.500	Recorder Case	4.00	10365.96
1	2.500	3.500	Recorder Hanger No. 2759	1.00	10365.96
1	2.500	3.500	Recorder Case	4.00	10370.96
1	2.500	3.500	Recorder Hanger No. 2760	1.00	10371.96
1	2.500	3.500	Recorder Case	4.00	10375.96
			Overall Length of String	10391.96	
			Bottom of Tubing String	RKB	10375.96

DATE: July 25, 1970**PHILLIPS PETROLEUM CO.**LEASE: Ekofisk

SURFACE PRESSURE

INTERVAL: 10375 - 10390WELL NO.: 2/4-3X.TEST NO.: 6

TIME	WELLHEAD		REMARKS
	TEMP °F	PRESS PSIG	
0915	57	10	Shut Well in at 0900 hrs. for FSI
0930	57	40	
0945	57	130	
1000	57	260	
1015	57	405	
1030	57	540	
1045	58	663	
1100	58	820	
1115	58	960	
1130	58	1057	
1145	58	1175	
1200	59	1310	
1215	61	1415	
1230	61	1495	
1245	61	1578	
1300	60	1655	
1315	60	1715	
1330	62	1772	
1345	62	1817	
1400	62	1862	
1415	61	1913	
1430	61	1962	
1445	61	1988	
1500	60	2018	
1515	60	2050	
1530	60	2078	





## DST NO. 6

Perforations: 10375 - 10390

No.	I.D.	O.D.	Description	Length	Depth
1	2 7/8		Baker Test Head		
1			Hydril Valve		
			Tubing Above RKB (Less)	-16.00	
9	2.441	2 7/8	6.50 lb N-80 8R Tubing	278.92	262.92
			Otis SST Tree Slick Jt. & Hanger	27.00	289.92
318	2.441	2 7/8	6.50 lb N-80 8R Tubing	9921.60	10211.52
1	2 17/32	4 3/8	3 1/2 IF Pin by 2 7/8 Eue. 8R Box	1.00	10212.52
1	2 17/32	4 3/8	3 1/2 Box by Pin Knock out Sub	1.00	10213.52
1	2 1/2	4 3/8	2 7/8 Eue. 8R Pin by 3 1/2 IF Box Sub	1.00	10214.52
3	2.441	2 7/8	6.50 lb N-80 Eue 8R Tubing	93.60	10308.12
1		2.500	B.J. Unloader	2.00	10310.12
1	5.884	2.500	B.J. FFC Packer	4.24	10314.36
1	2.441	2 7/8	6.50 lb N-80 Eue 8R Tubing	15.08	10329.44
1	2.441	2 7/8	6.50 lb N-80 Eue 8R Tubing Perf. Jt.	31.52	10360.96
1	2.500	3.500	Recorder Hanger No. 2758	1.00	10361.96
1	2.500	3.500	Recorder Case	4.00	10365.96
1	2.500	3.500	Recorder Hanger No. 2759	1.00	10365.96
1	2.500	3.500	Recorder Case	4.00	10370.96
1	2.500	3.500	Recorder Hanger No. 2760	1.00	10371.96
1	2.500	3.500	Recorder Case	4.00	10375.96
			Overall Length of String	10391.96	
			Bottom of Tubing String	RKB	10375.96



DATE: July 25, 1970

## PHILLIPS PETROLEUM CO.

LEASE: Ekofisk

SURFACE PRESSURE

INTERVAL: 10375 - 10390

WELL NO.: 2/4-3X.

TEST NO.: 6

TIME	WELLHEAD		REMARKS
	TEMP °F	PRESS PSIG	
0915	57	10	Shut Well in at 0900 hrs. for FSI
0930	57	40	
0945	57	130	
1000	57	260	
1015	57	405	
1030	57	540	
1045	58	663	
1100	58	820	
1115	58	960	
1130	58	1057	
1145	58	1175	
1200	59	1310	
1215	61	1415	
1230	61	1495	
1245	61	1578	
1300	60	1655	
1315	60	1715	
1330	62	1772	
1345	62	1817	
1400	62	1862	
1415	61	1913	
1430	61	1962	
1445	61	1988	
1500	60	2018	
1515	60	2050	
1530	60	2078	







DST NO. 6

Perforations: 10375 - 10390

No.	I.D.	O.D.	Description	Length	Depth
1	2 7/8		Baker Test Head		
1			Hydril Valve		
			Tubing Above RKB (Less)	-16.00	
9	2.441	2 7/8	6.50 lb N-80 8R Tubing	278.92	262.92
			Otis SST Tree Slick Jt. & Hanger	27.00	289.92
318	2.441	2 7/8	6.50 lb N-80 8R Tubing	9921.60	10211.52
1	2 17/32	4 3/8	3 1/2 IF Pin by 2 7/8 Eue. 8R Box	1.00	10212.52
1	2 17/32	4 3/8	3 1/2 Box by Pin Knock out Sub	1.00	10213.52
1	2 1/2	4 3/8	2 7/8 Eue. 8R Pin by 3 1/2 IF Box Sub	1.00	10214.52
3	2.441	2 7/8	6.50 lb N-80 Eue 8R Tubing	93.60	10308.12
1		2.500	B.J. Unloader	2.00	10310.12
1	5.884	2.500	B.J. FFC Packer	4.24	10314.36
1	2.441	2 7/8	6.50 lb N-80 Eue 8R Tubing	15.08	10329.44
1	2.441	2 7/8	6.50 lb N-80 Eue 8R Tubing Perf. Jt.	31.52	10360.96
1	2.500	3.500	Recorder Hanger No. 2758	1.00	10361.96
1	2.500	3.500	Recorder Case	4.00	10365.96
1	2.500	3.500	Recorder Hanger No. 2759	1.00	10365.96
1	2.500	3.500	Recorder Case	4.00	10370.96
1	2.500	3.500	Recorder Hanger No. 2760	1.00	10371.96
1	2.500	3.500	Recorder Case	4.00	10375.96
			Overall Length of String	10391.96	
			Bottom of Tubing String	RKB	10375.96



DATE: July 25, 1970

## PHILLIPS PETROLEUM CO.

LEASE: Ekofisk

SURFACE PRESSURE

INTERVAL: 10375 - 10390

WELL NO.: 2/4-3X.

TEST NO.: 6

TIME	WELLHEAD		REMARKS
	TEMP °F	PRESS PSIG	
0915	57	10	Shut Well in at 0900 hrs. for FSI
0930	57	40	
0945	57	130	
1000	57	260	
1015	57	405	
1030	57	540	
1045	58	663	
1100	58	820	
1115	58	960	
1130	58	1057	
1145	58	1175	
1200	59	1310	
1215	61	1415	
1230	61	1495	
1245	61	1578	
1300	60	1655	
1315	60	1715	
1330	62	1772	
1345	62	1817	
1400	62	1862	
1415	61	1913	
1430	61	1962	
1445	61	1988	
1500	60	2018	
1515	60	2050	
1530	60	2078	







# DRILL-STEM TEST DATA

Well Name	Phillips Ekofisk	Test No	Six
Well Number	2-4-3X	Zone Tested	
Company	Phillips Petroleum Company, Norway	Interval	10375 - 10390 4 shots/ft
Comp Rep	O.C. Rolls	Tester	D. Williams
		Date	July 24, 1970

Type of Test Casing Hook Wall RFS Tool No. \_\_\_\_\_

Preflow \_\_\_\_\_ mins ISI \_\_\_\_\_ mins Flow \_\_\_\_\_ mins FSI \_\_\_\_\_ mins

Specify Inside or Outside	INS REC No <u>2758</u>	INS REC No <u>2759</u>	OUT REC No <u>2760</u>
	10650 RANGE 72 HR CLOCK	10600 RANGE 72 HR CLOCK	10600 RANGE 72 HR CLOCK
DEPTH	10361.52	10366.52	10371.52
Initial Hydro Mud Press			
Initial Shut-In Press			
Initial Flow Press			
Final Flow Press			
Final Shut-In Press			
Final Hydro Mud Press			

Mud Drop Nil Fluid Loss 3.2 Mud Weight 14.3  
 Viscosity \_\_\_\_\_ Temperature °F 256 Net Pay Tested \_\_\_\_\_  
 Top Packer Depth \_\_\_\_\_ Bottom Packer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Drill Pipe Size 2 7/8 Tubing Wt 6.5 Drill Collar I.D. \_\_\_\_\_ Ft Run \_\_\_\_\_  
 Surface Choke Size \_\_\_\_\_ Bottom Choke Size Nil Main Hole Size 9 5/8 47 Casing  
 Anchor Size 2 7/8 O.D. Tubing at Hole Size 7" Casing 29# Feet of Rat Hole \_\_\_\_\_  
 Cushion Amount Full Type Fresh Water Rubber Size 5.812

Fluid Recovery Total Feet Reversed Out  
 Recovered 1" BBL Feet of Oil on top of water cushion  
 Recovered FST 2 BBLs Feet of Oil and gas cut drilling mud  
 Recovered \_\_\_\_\_ Feet of \_\_\_\_\_  
 Recovered \_\_\_\_\_ Feet of \_\_\_\_\_  
 Recovered \_\_\_\_\_ Feet of \_\_\_\_\_

Gas Recovery How Measured \_\_\_\_\_ Riser size: \_\_\_\_\_

_____ mins	Temp. F	Press Rdg. _____ psi	Orifice Size _____	= _____ MCF/Day
_____ mins	Temp. F	Press Rdg. _____ psi	Orifice Size _____	= _____ MCF/Day
_____ mins	Temp. F	Press Rdg. _____ psi	Orifice Size _____	= _____ MCF/Day
_____ mins	Temp. F	Press Rdg. _____ psi	Orifice Size _____	= _____ MCF/Day
_____ mins	Temp. F	Press Rdg. _____ psi	Orifice Size _____	= _____ MCF/Day
_____ mins	Temp. F	Press Rdg. _____ psi	Orifice Size _____	= _____ MCF/Day

Bleed Off Time for Drill Pipe \_\_\_\_\_

REMARKS Displaced tubing with fresh water. Set packer, flowed back. Flowed back 5BBLs water cushion. During flow period reversed out and recovered 1 BBL oil at top of cushion. Estimated 2 BBL oil and gas cut drilling mud.

DRILL STEM TEST NUMBER SIX

POINT	RECORDER # 2758	RECORDER # 2759	RECORDER # 2760
A	7893	7888	7909
B	8410	8418	8437
C	4638	4627	4650
D	4649	4635	4655
E	6832	6826	6840
F	8005	8005	6936

TIME DEFLECTION COMPARISON (MIN)

POINT	SURFACE	2758	2759	2760
B-D	1110	1117	1080	1114
D-E	600	561	537	559

DRILL STEM TEST NUMBER SIX

No.	O.D.	I.D.	Description	Length	Depth
			Baker Test Head		
			Hydril Valve		
			Tubing above RKB		
9	2 7/8	2.441	6.501b N-80 8R Tubing	278.92	
			Otis SST Tree Slick Jt. & Hanger	27.00	
318	2 7/8	2.441	6.501b N-80 8R Tubing	93.60	
			Knock out Sub	3.00	
		2 1/2	BJ Unloader Valve	2.00	
	5.812	2 1/2	BJ FFC Packer	4.24	10314
	2 7/8	2.441	6.501b N-80 8R Tubing	15.00	
	2 7/8	2.441	6.501b N-80 8R Tubing Perf Jt.	31.52	
	3.5	2.5	Recorder Hanger # 2758	1.00	10361.52
	3.5	2.5	Recorder Case	4.00	
	3.5	2.5	Recorder Hanger # 2759	1.00	10366.52
	3.5	2.5	Recorder Case	4.00	
	3.5	2.5	Recorder Hanger # 2760	1.00	10371.52
	3.5	2.5	Recorder Case	4.00	
			Bottom of Tubing String, RKB		10375.52

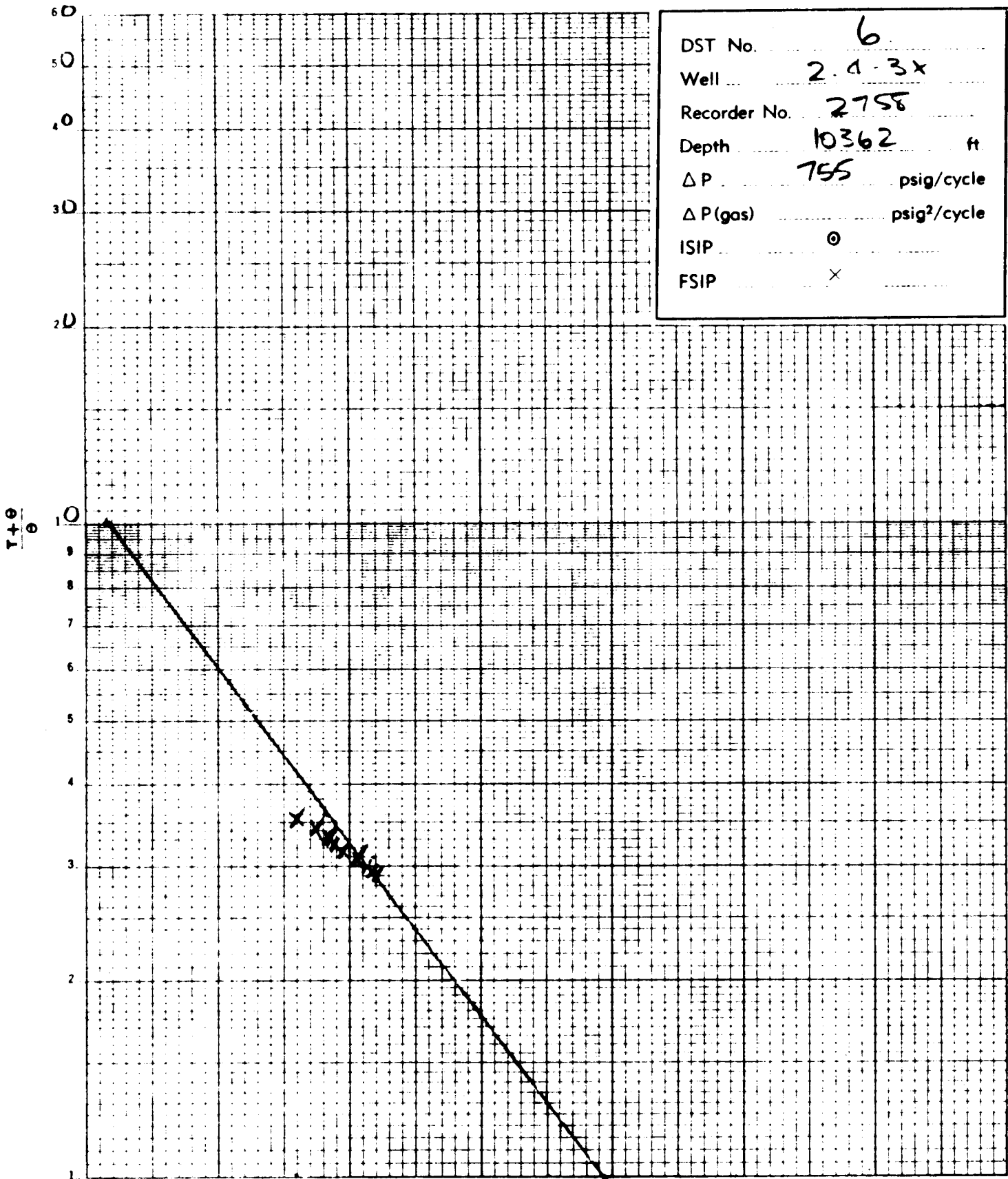






POINTS USED IN EXTRAPOLATION \*

DST No.	6
Well	2-A-3x
Recorder No.	2758
Depth	10362 ft
$\Delta P$	755 psig/cycle
$\Delta P$ (gas)	psig <sup>2</sup> /cycle
ISIP	⊙
FSIP	×



6400 6600 6800 7000 7200 7400 7600 7800



5 min DST PRESSURE INCREMENTS On flow #1 Point B to D

Recorder No 2758

Depth 10362

Page 1 of 5

Points	Time Defl. "	INITIAL CIP			Time Defl. "	FINAL CIP		
		T+0	$\frac{T+0}{0}$	PSIG		T+0	$\frac{T+0}{0}$	PSIG
1	-	Point A		7893	115			4638
2	0	Point B		8410	120			4641
	5			6631				
3	10			5914	125			4641
4	15			5096	130			4641
5	20	Point C		4638	135			4641
6	25			4638	140			4643
7	30			4638	145			4643
8	35			4638	150			4643
9	40			4638	155			4643
10	45			4638	160			4643
11	50			4638	165			4643
12	55			4635	170			4643
13	60			4635	175			4646
14	65			4635	180			4646
15	70			4635	185			4646
16	75			4635	190			4646
17	80			4635	195			4646
18	85			4635	200			4649
19	90			4635	205			4649
20	95			4638	210			4649
21	100			4638	215			4649
22	105			4638	220			4649
23	110			4638	225			4649
24					230			4649



5 min DST PRESSURE INCREMENTS On flow #1 Point P to D

Recorder No. 2758

Depth 10362

Page 2 of 5

Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T+θ	$\frac{T+\theta}{\theta}$	PSIG	Time Defl. "	T+θ	$\frac{T+\theta}{\theta}$	PSIG
1	235			4651	355			4660
2	240			4651	360			4660
3	245			4651	365			4660
4	250			4651	370			4662
5	255			4651	375			4662
6	260			4651	380			4662
7	265			4651	385			4662
8	270			4651	390			4662
9	275			4654	395			4662
10	280			4654	400			4662
11	285			4654	405			4662
12	290			4654	410			4662
13	295			4654	415			4662
14	300			4654	420			4662
15	305			4654	425			4662
16	310			4657	430			4662
17	315			4657	435			4665
18	320			4660	440			4665
19	325			4660	445			4665
20	330			4660	450			4665
21	335			4660	455			4665
22	340			4660	460			4665
23	345			4660	465			4665
24	350			4660	470			4665



5 min DST PRESSURE INCREMENTS On flow #1 Point B to D

Recorder No 2758

Depth 10362

Page 3 of 5

Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T+0	$\frac{T+0}{0}$	PSIG	Time Defl. "	T+0	$\frac{T+0}{0}$	PSIG
1	475			4665	595			4668
2	480			4665	600			4668
3	485			4665	605			4668
4	490			4665	610			4668
5	495			4665	615			4668
6	500			4665	620			4668
7	505			4668	625			4668
8	510			4668	630			4668
9	515			4668	635			4668
10	520			4668	640			4668
11	525			4668	645			4668
12	530			4668	650			4668
13	535			4668	655			4668
14	540			4668	660			4668
15	545			4668	665			4665
16	550			4668	670			4665
17	555			4668	675			4665
18	560			4668	680			4665
19	565			4668	685			4665
20	570			4668	690			4665
21	575			4668	695			4665
22	580			4668	700			4665
23	585			4668	705			4665
24	590			4668	710			4665



5 min DST PRESSURE INCREMENTS On flow #1 Point B to D

Recorder No. 2758

Depth 10362

Page 4 of 5

Points	Time Defl. "	INITIAL CIP			Time Defl. "	FINAL CIP		
		T+0	$\frac{T+0}{0}$	PSIG		T+0	$\frac{T+0}{0}$	PSIG
1	715			4665	835			4660
2	720			4665	840			4660
3	725			4665	845			4660
4	730			4665	850			4660
5	735			4665	855			4660
6	740			4665	860			4657
7	745			4662	865			4657
8	750			4662	870			4657
9	755			4662	875			4657
10	760			4662	880			4657
11	765			4662	885			4657
12	770			4662	890			4657
13	775			4662	895			4657
14	780			4662	900			4657
15	785			4662	905			4657
16	790			4662	910			4657
17	795			4662	915			4657
18	800			4660	920			4657
19	805			4660	925			4657
20	810			4660	930			4657
21	815			4660	935			4657
22	820			4660	940			4657
23	825			4660	945			4657
24	830			4660	950			4657



5 min DST PRESSURE INCREMENTS On flow # 1 Point B to D

Recorder No. 2758

Depth 10362

Page 5 of 5

Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T + $\theta$	$\frac{T + \theta}{\theta}$	PSIG	Time Defl. "	T + $\theta$	$\frac{T + \theta}{\theta}$	PSIG
1	955			4654	1075			4649
2	960			4651	1080			4649
3	965			4651	1085			4649
4	970			4651	1090			4649
5	975			4651	1095			4649
6	980			4651	1100			4649
7	985			4651	1105			4649
8	990			4651	1110			4649
9	995			4651	1115			4649
10	1000			4651	1117	Point D		4649
11	1005			4651				
12	1010			4649				
13	1015			4649				
14	1020			4649				
15	1025			4649				
16	1030			4649				
17	1035			4649				
18	1040			4649				
19	1045			4649				
20	1050			4649				
21	1055			4649				
22	1060			4649				
23	1065			4649				
24	1070			4649				



5 min DST PRESSURE INCREMENTS On F.S.I.P. Point D to E

Recorder No 2758

Depth 10362

Page 1 of 3

Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T+Θ	$\frac{T+\Theta}{\Theta}$	PSIG	Time Defl. "	T+Θ	$\frac{T+\Theta}{\Theta}$	PSIG
1	0	1119 Point	0	4649	120			5610
2	5	1122	22.4	4651	125			5653
3	10			4660	130			5690
4	15			4676	135			5733
5	20			4697	140			5765
6	25			4735	145	1262	3.70	5802
7	30			4773	150			5840
8	35			4822	155			5872
9	40	1157	29.4	4865	160			5909
10	45			4914	165			5939
11	50			4957	170			5968
12	55			5011	175			6000
13	60			5054	180	1297	7.20	6032
14	65			5107	185			6064
15	70			5155	190			6091
16	75	1192	15.9	5203	195			6118
17	80			5246	200			6139
18	85			5294	205			6166
19	90			5342	210			6190
20	95			5391	215			6214
21	100			5439	220			6236
22	105			5487	225			6257
23	110	1227	11.1	5524	230			6273
24	115			5567	235			6294



5 min DST PRESSURE INCREMENTS On F.S.I.P. Point D to E

Recorder No. 2758

Depth 10362

Page 2 of 3

Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T+θ	$\frac{T+\theta}{\theta}$	PSIG	Time Defl. "	T+θ	$\frac{T+\theta}{\theta}$	PSIG
1	240			6311	360			6626
2	245			6332	365			6631
3	250	1372	5.50	6350	370			6642
4	255			6369	375			6647
5	260			6385	380			6653
6	265			6401	385			6663
7	270			6417	390	1507	3.86	6669
8	275			6433	395			6680
9	280			6444	400			6685
10	285	1402	4.95	6460	405			6690
11	290			6471	410			6695
12	295			6487	415			6703
13	300			6498	420			6706
14	305			6514	425	1542	3.63	6714
15	310			6524	430			6722
16	315			6535	435			6727
17	320	1437	4.50	6545	440			6733
18	325			6556	445			6735
19	330			6567	450			6741
20	335			6578	455			6746
21	340			6589	460	1577	3.42	6754
22	345			6599	465			6760
23	350			6605	470			6760
24	355	1472	4.15	6615	475	1592	3.35	6765





5 min DST PRESSURE INCREMENTS On F.S.I.P. Point D to E

Recorder No. 2758

Depth 10362

Page 3 of 3

Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T+Θ	$\frac{T+\Theta}{\Theta}$	PSIG	Time Defl. "	T+Θ	$\frac{T+\Theta}{\Theta}$	PSIG
1	480	1597	3.32	6770				
2	485			6776				
3	490			6778				
4	495	1612	3.26	6784				
5	500			6786				
6	505			6792				
7	510			6794				
8	515	1632	3.17	6797				
9	520			6802				
10	525			6805				
11	530			6808				
12	535	1652	3.09	6813				
13	540			6815				
14	545			6818				
15	550			6824				
16	555	1672	3.01	6829				
17	560	1677	2.99	6829				
18	561	1678	Point E	2.99	6832			
19		Point F	F	8005				
20								
21								
22								
23								
24								



5 min DST PRESSURE INCREMENTS On flow #1 Point B to D

Recorder No. 2759

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Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T + 0	$\frac{T+0}{0}$	PSIG	Time Defl. "	T + 0	$\frac{T+0}{0}$	PSIG
1	-	Point A		7888	115			4633
2	0	Point B		8418	120			4633
3	5			7599	125			4633
4	10			7065	130			4633
5	15			6540	135			4633
6	20			5850	140			4633
7	25			5108	145			4633
8	30	Point C		4627	150			4633
9	35			4627	155			4633
10	40			4627	160			4635
11	45			4627	165			4638
12	50			4627	170			4638
13	55			4627	175			4638
14	60			4627	180			4638
15	65			4627	185			4641
16	70			4627	190			4641
17	75			4630	195			4641
18	80			4630	200			4641
19	85			4630	205			4641
20	90			4630	210			4643
21	95			4630	215			4643
22	100			4630	220			4643
23	105			4630	225			4643
24	110			4630	230			4643



5 min DST PRESSURE INCREMENTS On flow # 1 Point B to D

Recorder No. 2759

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Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T + ●	$\frac{T + ●}{●}$	PSIG	Time Defl. "	T + ●	$\frac{T + ●}{●}$	PSIG
1	235			4643	355			4654
2	240			4643	360			4654
3	245			4643	365			4654
4	250			4643	370			4654
5	255			4643	375			4654
6	260			4643	380			4654
7	265			4649	385			4654
8	270			4649	390			4654
9	275			4649	395			4657
10	280			4649	400			4657
11	285			4649	405			4657
12	290			4649	410			4657
13	295			4649	415			4657
14	300			4649	420			4657
15	305			4649	425			4657
16	310			4649	430			4657
17	315			4649	435			4657
18	320			4651	440			4657
19	325			4651	445			4657
20	330			4651	450			4657
21	335			4651	455			4660
22	340			4651	460			4660
23	345			4651	465			4660
24	350			4651	470			4660



5 min DST PRESSURE INCREMENTS On flow #1 Point B to D

Recorder No. 2759

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Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T+0	$\frac{T+0}{\bullet}$	PSIG	Time Defl. "	T+0	$\frac{T+0}{\bullet}$	PSIG
1	475			4660	595			4662
2	480			4660	600			4662
3	485			4660	605			4662
4	490			4660	610			4662
5	495			4660	615			4662
6	500			4660	620			4662
7	505			4660	625			4662
8	510			4660	630			4662
9	515			4660	635			4662
10	520			4662	640			4662
11	525			4662	645			4662
12	530			4662	650			4662
13	535			4662	655			4662
14	540			4662	660			4662
15	545			4662	665			4662
16	550			4662	670			4662
17	555			4662	675			4662
18	560			4662	680			4662
19	565			4662	685			4662
20	570			4662	690			4662
21	575			4662	695			4660
22	580			4662	700			4660
23	585			4662	705			4660
24	590			4662	710			4660



5 min DST PRESSURE INCREMENTS On flow #1 Point B to D

Recorder No. 2759

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Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T+0	$\frac{T+0}{0}$	PSIG	Time Defl. "	T+0	$\frac{T+0}{0}$	PSIG
1	715			4660	835			4654
2	720			4660	840			4651
3	725			4660	845			4651
4	730			4660	850			4651
5	735			4660	855			4651
6	740			4660	860			4651
7	745			4657	865			4651
8	750			4657	870			4651
9	755			4657	875			4651
10	760			4657	880			4651
11	765			4657	885			4649
12	770			4657	890			4649
13	775			4657	895			4649
14	780			4657	900			4649
15	785			4657	905			4649
16	790			4657	910			4649
17	795			4654	915			4649
18	800			4654	920			4649
19	805			4654	925			4646
20	810			4654	930			4646
21	815			4654	935			4646
22	820			4654	940			4646
23	825			4654	945			4646
24	830			4654	950			4646



5 m DST PRESSURE INCREMENTS On flow #1 Point B to D

Recorder No. 2759

Depth 10367

Page 5 of 5

Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T+0	$\frac{T+0}{0}$	PSIG	Time Defl. "	T+0	$\frac{T+0}{0}$	PSIG
1	955			4646	1075			4635
2	960			4646	1080	Point	D	4635
3	965			4646				
4	970			4643				
5	975			4643				
6	980			4643				
7	985			4643				
8	990			4643				
9	995			4643				
10	1000			4641				
11	1005			4641				
12	1010			4641				
13	1015			4641				
14	1020			4641				
15	1025			4641				
16	1030			4638				
17	1035			4638				
18	1040			4638				
19	1045			4638				
20	1050			4638				
21	1055			4635				
22	1060			4635				
23	1065			4635				
24	1070			4635				



5 min DST PRESSURE INCREMENTS On F.S.I.P. Point D to E

Recorder No. 2759

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Page 1 of 3

Points	INITIAL CIP				FINAL CIP			
	Time Def. "	T+0	$\frac{T+0}{0}$	PSIG	Time Def. "	T+0	$\frac{T+0}{0}$	PSIG
1	0	Point D		4635	120			5646
2	5			4638	125			5688
3	10			4649	130			5732
4	15			4665	135			5774
5	20			4687	140			5807
6	25			4724	145			5850
7	30			4768	150			5882
8	35			4822	155			5920
9	40			4870	160			5952
10	45			4924	165			5984
11	50			4968	170			6016
12	55			5022	175			6049
13	60			5070	180			6080
14	65			5124	185			6107
15	70			5175	190			6134
16	75			5221	195			6161
17	80			5264	200			6182
18	85			5312	205			6209
19	90			5366	210			6236
20	95			5415	215			6257
21	100			5463	220			6278
22	105			5516	225			6300
23	110			5549	230			6316
24	115			5597	235			6337



5 min DST PRESSURE INCREMENTS On F.S.I.P. Point D to E

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Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T+0	$\frac{T+0}{0}$	PSIG	Time Defl. "	T+0	$\frac{T+0}{0}$	PSIG
1	240			6353	360			6647
2	245			6374	365			6655
3	250			6391	370			6663
4	255			6407	375			6669
5	260			6420	380			6678
6	265			6433	385			6685
7	270			6449	390			6690
8	275			6465	395			6698
9	280			6482	400			6706
10	285			6492	405			6711
11	290			6503	410			6717
12	295			6519	415			6722
13	300			6530	420			6727
14	305			6540	425			6733
15	310			6651	430			6738
16	315			6567	435			6743
17	320			6572	440			6749
18	325			6589	445			6754
19	330			6594	450			6760
20	335			6605	455			6765
21	340			6615	460			6770
22	345			6626	465			6776
23	350			6631	470			6776
24	355			6642	475			6781





5 min DST PRESSURE INCREMENTS On F.S.I.P. Point D to E

Recorder No. 2759

Depth 10367

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Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T + 0	$\frac{T+0}{\bullet}$	PSIG	Time Defl. "	T + 0	$\frac{T+0}{\bullet}$	PSIG
1	480			7054				
2	485			7059				
3	490			7062				
4	495			7065				
5	500			6802				
6	505			6805				
7	510			6808				
8	515			6810				
9	520			6813				
10	525			6818				
11	530			6821				
12	535			6824				
13	537	Point	E	6826				
14		Point	F	8005				
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								



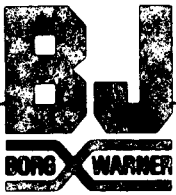
5 min DST PRESSURE INCREMENTS On flow #1 Point B to D

Recorder No. 2760

Depth 10372

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Points	Time Diff. "	INITIAL CIP			Time Diff. "	FINAL CIP		
		T+0	T+0 ②	PSIG		T+0	T+0 ②	PSIG
1	-	Point	A	7909	115			4655
2	0	Point	B	8437	120			4655
3	5			7656	125			4655
4	10			6909	130			4655
5	15			6210	135			4658
6	20			5423	140			4658
7	25	Point	C	4650	145			4658
8	30			4650	150			4658
9	35			4650	155			4658
10	40			4650	160			4658
11	45			4650	165			4660
12	50			4650	170			4660
13	55			4650	175			4660
14	60			4650	180			4663
15	65			4650	185			4663
16	70			4650	190			4663
17	75			4650	195			4663
18	80			4650	200			4663
19	85			4652	205			4663
20	90			4652	210			4666
21	95			4652	215			4666
22	100			4652	220			4666
23	105			4652	225			4666
24	110			4655	230			4666



5 min DST PRESSURE INCREMENTS On flow #1 Point B to D

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Points	INITIAL CIP				FINAL CIP			
	Time Dial "	T + 0	$\frac{T + 0}{0}$	PSIG	Time Dial "	T + 0	$\frac{T + 0}{0}$	PSIG
1	235			4666	355			4674
2	240			4668	360			4674
3	245			4668	365			4677
4	250			4668	370			4677
5	255			4668	375			4677
6	260			4668	380			4677
7	265			4668	385			4677
8	270			4668	390			4677
9	275			4668	395			4677
10	280			4668	400			4677
11	285			4668	405			4677
12	290			4671	410			4677
13	295			4671	415			4677
14	300			4671	420			4677
15	305			4671	425			4679
16	310			4671	430			4679
17	315			4671	435			4679
18	320			4674	440			4679
19	325			4674	445			4679
20	330			4674	450			4679
21	335			4674	455			4679
22	340			4674	460			4679
23	345			4674	465			4679
24	350			4674	470			4679



5 min DST PRESSURE INCREMENTS On flow #1 Point B to D

Recorder No. 2760

Depth 10372

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Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T + ●	$\frac{T + ●}{8}$	PSIG	Time Defl. "	T + ●	$\frac{T + ●}{8}$	PSIG
1	475			4682	595			4685
2	480			4685	600			4685
3	485			4685	605			4685
4	490			4685	610			4685
5	495			4685	615			4685
6	500			4685	620			4685
7	505			4685	625			4682
8	510			4685	630			4682
9	515			4685	635			4682
10	520			4685	640			4682
11	525			4685	645			4682
12	530			4685	650			4682
13	535			4685	655			4682
14	540			4685	660			4682
15	545			4685	665			4682
16	550			4685	670			4682
17	555			4685	675			4682
18	560			4685	680			4682
19	565			4685	685			4682
20	570			4685	690			4682
21	575			4685	695			4682
22	580			4685	700			4682
23	585			4685	705			4682
24	590			4685	710			4682



5 min DST PRESSURE INCREMENTS On flow #1 Point B to D

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Points	Time Defl. "	INITIAL CIP			Time Defl. "	FINAL CIP		
		T + 0	$\frac{T + 0}{0}$	PSIG		T + 0	$\frac{T + 0}{0}$	PSIG
1	715			4679	835			4677
2	720			4679	840			4677
3	725			4679	845			4677
4	730			4679	850			4677
5	735			4679	855			4677
6	740			4679	860			4674
7	745			4679	865			4674
8	750			4679	870			4674
9	755			4679	875			4674
10	760			4679	880			4674
11	765			4679	885			4674
12	770			4679	890			4674
13	775			4679	895			4674
14	780			4679	900			4674
15	785			4679	905			4671
16	790			4679	910			4671
17	795			4679	915			4671
18	800			4679	920			4671
19	805			4679	925			4671
20	810			4679	930			4671
21	815			4679	935			4671
22	820			4679	940			4668
23	825			4679	945			4668
24	830			4677	950			4668



5 min DST PRESSURE INCREMENTS On flow #1 Point B to D

Recorder No. 2760

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Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T + Ⓣ	$\frac{T + \textcircled{9}}{\textcircled{0}}$	PSIG	Time Defl. "	T + Ⓣ	$\frac{T + \textcircled{9}}{\textcircled{0}}$	PSIG
1	955			4668	1075			4660
2	960			4668	1080			4660
3	965			4668	1085			4660
4	970			4668	1090			4658
5	975			4668	1095			4658
6	980			4666	1100			4658
7	985			4666	1105			4658
8	990			4666	1110			4658
9	995			4666	1114	Point C		4655
10	1000			4666				
11	1005			4666				
12	1010			4666				
13	1015			4666				
14	1020			4663				
15	1025			4663				
16	1030			4663				
17	1035			4663				
18	1040			4663				
19	1045			4663				
20	1050			4663				
21	1055			4663				
22	1060			4663				
23	1065			4660				
24	1070			4660				



5 min **BST PRESSURE INCREMENTS** On F.S.I.P. Point D to E

Recorder No. 2760

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Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T+0	$\frac{T+0}{0}$	PSIG	Time Defl. "	T+0	$\frac{T+0}{0}$	PSIG
1	0			4655	120			5621
2	5			4658	125			5663
3	10			4668	130			5701
4	15			4679	135			5743
5	20			4701	140			5776
6	25			4734	145			5813
7	30			4777	150			5851
8	35			4821	155			5888
9	40			4869	160			5920
10	45			4924	165			5952
11	50			4962	170			5979
12	55			5016	175			6011
13	60			5059	180			6043
14	65			5113	185			7075
15	70			5161	190			6102
16	75			5209	195			6129
17	80			5252	200			6155
18	85			5300	205			6177
19	90			5348	210			6198
20	95			5396	215			6225
21	100			5444	220			6246
22	105			5492	225			6267
23	110			5529	230			6286
24	115			5572	235			6305

C 2



5 min DST PRESSURE INCREMENTS On F.S.I.P. Point D to E

Recorder No. 2760

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Points	INITIAL CIP			FINAL CIP				
	Time Def. "	T + ●	$\frac{T + ●}{●}$	PSIG	Time Def. "	T + ●	$\frac{T + ●}{●}$	PSIG
1	240			6327	360			6637
2	245			6348	365			6648
3	250			6364	370			6648
4	255			6385	375			6664
5	260			6396	380			6669
6	265			6412	385			6674
7	270			6431	390			6685
8	275			6449	395			6690
9	280			6460	400			6695
10	285			6476	405			6706
11	290			6487	410			6709
12	295			6500	415			6717
13	300			6511	420			6722
14	305			6524	425			6727
15	310			6535	430			6733
16	315			6548	435			6738
17	320			6556	440			6743
18	325			6567	445			6748
19	330			6578	450			6754
20	335			6589	455			6759
21	340			6599	460			6764
22	345			6610	465			6770
23	350			6621	470			6772
24	355			6626	475			6775





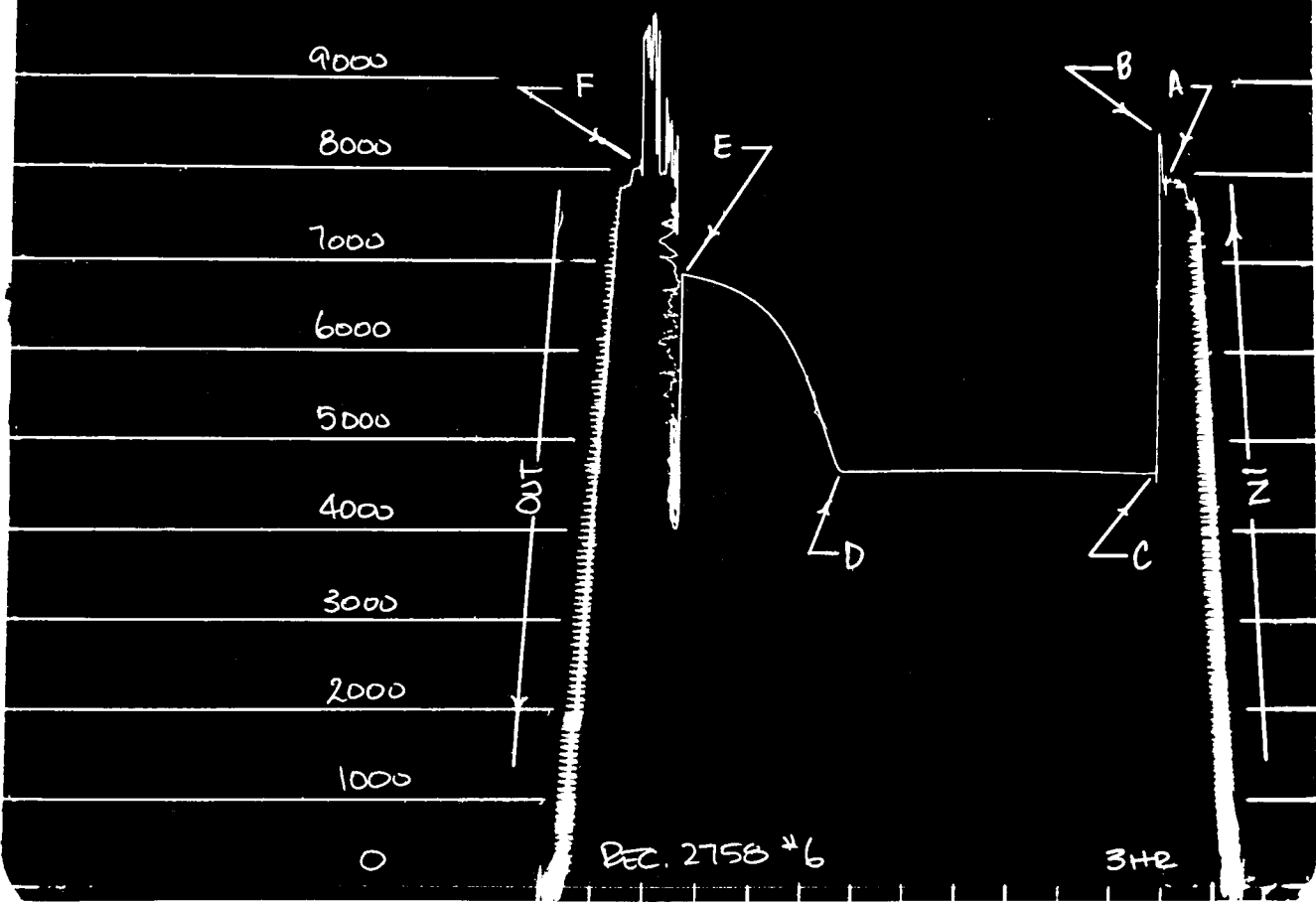
5 min DST PRESSURE INCREMENTS On F.S.I.P. Point D to E

Recorder No. 2760

Depth 10372

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Points	INITIAL CIP			FINAL CIP				
	Time Defl. "	T + 0	$\frac{T+0}{\bullet}$	PSIG	Time Defl. "	T + 0	$\frac{T+0}{\bullet}$	PSIG
1	480			6780				
2	485			6786				
3	490			6791				
4	495			6797				
5	500			6799				
6	505			6802				
7	510			6805				
8	515			6810				
9	520			6813				
10	525			6818				
11	530			6821				
12	535			6824				
13	540			6827				
14	545			6832				
15	550			6834				
16	555			6840				
17	559	Point	E	6840				
18		Point	F	6936				
19								
20								
21								
22								
23								
24								



9000

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7000

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5000

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REC. 2759 #6

342

