

7D

TIGHT HOLE

RELEASED TO PUBLIC FILE
DATE MAY 26 1988 TAC

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*****
*                                     *
*      SPRO WELL TEST REPORT      *
*                                     *
*      AMOCO PRODUCTION COMPANY   *
*                                     *
*      MARS PROJECT               *
*                                     *
*      TEST # 1                   15-APR-86
*                                     *
*****
```

Received
OCS District Office

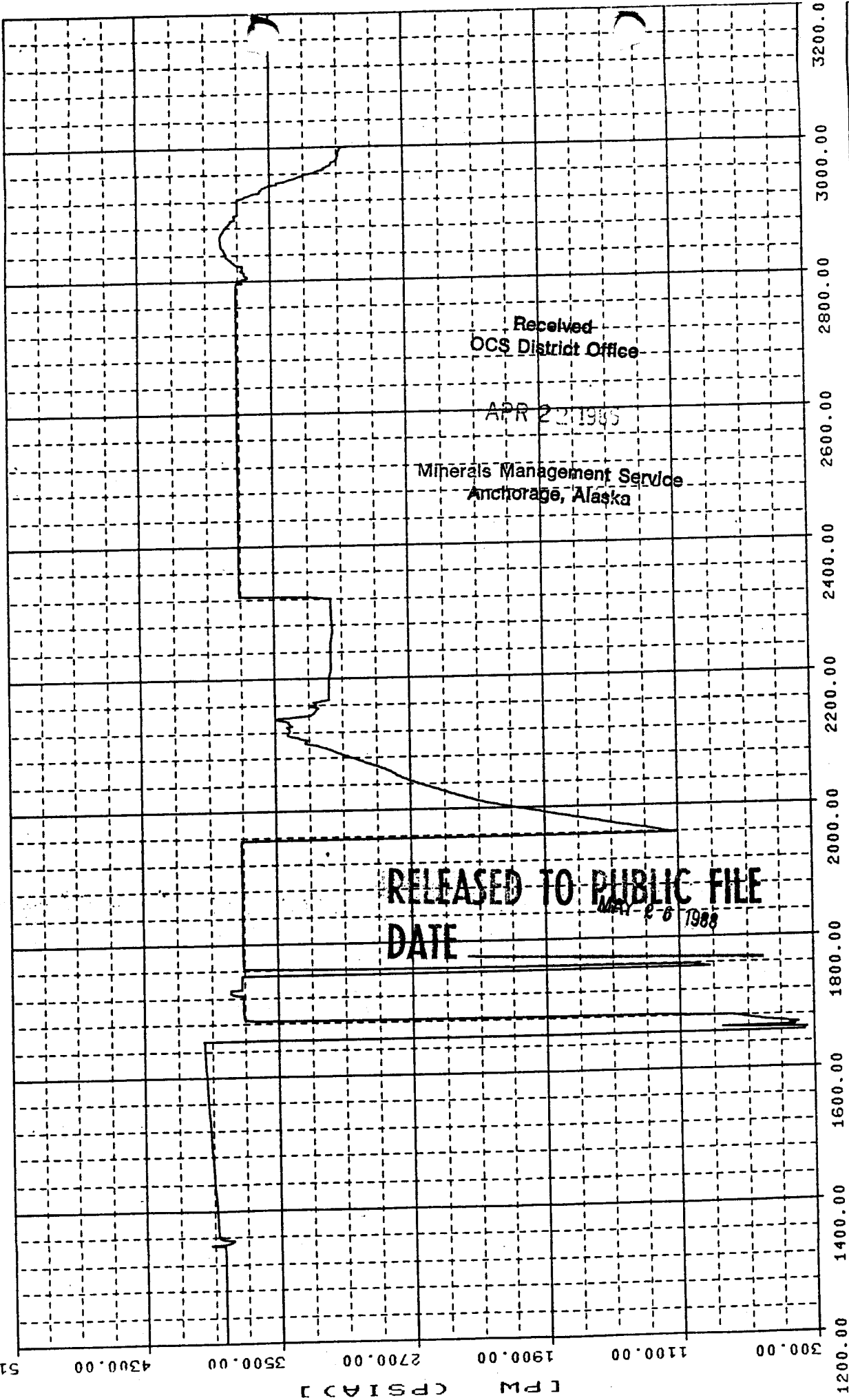
APR 22 1985

Minerals Management Service
Anchorage, Alaska

0302
7D

FIELD REPORT NO 14580F
 INSTRUMENT NO 5006
 CUSTOMER: AMOCO PRODUCTION CO.
 WELL: MARS PROJECT

PLOT START TIME: 20 HR 0 MIN 0 SEC
 PLOT STOP TIME: 50 HR 0 MIN 0 SEC



Received
 OCS District Office
 APR 22 1985
 Minerals Management Service
 Anchorage, Alaska

JOHNSTON-MACCO
 SCHLUMBERGER

 * WELL TEST DATA PRINTOUT *

FIELD REPORT # : 14580F
 INSTRUMENT # : 5006

COMPANY : AMOCO PRODUCTION CO.
 WELL : MARS PROJECT

recorder depth 7310'

LABEL POINT INFORMATION

	TIME OF DAY	DATE	EXPLANATION	ELAPSED TIME HH:MM:SS	BOT HOLE PRESSURE PSIA
#	HH:MM:SS	DD-MM-YY		HH:MM:SS	
1	1:32:0	15-AP-86	HYDROSTATIC MUD	20:14:0	3833.38
2	3:46:0	15-AP-86	SQUEEZE PRESSURE	22:28:0	3916.87
3	8:52:0	15-AP-86	START FLOW	27:34:0	3949.91
4	8:58:0	15-AP-86	END FLOW & START SHUT-IN	27:40:0	338.22
5	9:0:0	15-AP-86	END SHUT-IN & START FLOW	27:42:0	847.45
6	9:18:0	15-AP-86	END FLOW & START SHUT-IN	28:0:0	789.17
7	10:30:0	15-AP-86	END SHUT-IN & START FLOW	29:12:0	3711.72
8	10:34:0	15-AP-86	END FLOW & START SHUT-IN	29:16:0	965.88
9	13:54:0	15-AP-86	END SHUT-IN & START FLOW	32:36:0	3711.97
10	19:58:0	15-AP-86	END FLOW & START SHUT-IN	38:40:0	3159.58
11	1:14:0	16-AP-86	END SHUT-IN	43:56:0	3712.05
12	1:16:0	16-AP-86	STARTED REVERSING	43:58:0	3706.84
13	3:54:0	16-AP-86	PULLED LOOSE	46:36:0	3671.01
14	5:0:0	16-AP-86	HYDROSTATIC MUD	47:42:0	3806.79

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 MAY 26 1988
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 OCS District Office

APR 22 1988

Minerals Management Service
 Anchorage, Alaska

APR 22 1968

TIME
OF DAY
HH:MM:SS

PW
PSIA

DPW/DT Management Service
Mines Division
PSIA Anchorage, Alaska F

ELAPSED
TIME
HH:MM:SS

SEGMENT NO. 1

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1:24:0	3833.12	0.07	183.40	20:6:0
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1:32:0	3833.38	0.03	183.46	20:14:0
1:34:0	3833.45	0.04	183.46	20:16:0
1:36:0	3833.54	0.04	183.46	20:18:0
1:38:0	3833.61	0.04	183.46	20:20:0
1:40:0	3833.66	0.03	183.46	20:22:0
1:42:0	3833.77	0.05	183.46	20:24:0
1:44:0	3833.76	-0.00	183.52	20:26:0
1:46:0	3833.84	0.04	183.52	20:28:0
1:48:0	3833.91	0.03	183.52	20:30:0
1:50:0	3833.93	0.01	183.52	20:32:0
1:52:0	3834.01	0.04	183.52	20:34:0
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2:12:0	3834.62	0.04	183.64	20:54:0
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2:16:0	3834.76	0.03	183.64	20:58:0
2:18:0	3834.81	0.03	183.64	21:0:0
2:20:0	3834.87	0.03	183.64	21:2:0
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2:52:0	3835.93	0.02	183.81	21:34:0
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2:56:0	3836.11	0.03	183.81	21:38:0

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DATE MAY 2 1968

FIELD REPORT : 14. F

APR 22 1985

PAGE 3

TIME
OF DAY
HH:MM:SS
*****PW
PSIA
*****DPW/DT
Minerals Management Service
PSIA
Anchorage, Alaska
*****ELAPSED
TIME
HH:MM:SS

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3: 4: 0	3836.42	0.03	183.87	21:46: 0
3: 6: 0	3836.49	0.04	183.87	21:48: 0
3: 8: 0	3836.61	0.06	183.87	21:50: 0
3:10: 0	3836.68	0.03	183.87	21:52: 0
3:12: 0	3836.75	0.04	183.87	21:54: 0
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3:18: 0	3836.97	0.04	183.92	22: 0: 0
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3:22: 0	3837.16	0.05	183.92	22: 4: 0
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3:38: 0	3837.85	0.05	183.98	22:20: 0
3:40: 0	3837.91	0.03	183.98	22:22: 0
3:42: 0	3837.98	0.04	183.98	22:24: 0
3:44: 0	3838.05	0.03	184.04	22:26: 0
3:46: 0	3916.87	39.41	184.04	22:28: 0
3:48: 0	3813.42	-51.73	184.04	22:30: 0
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4:30: 0	3879.25	0.29	183.52	23:12: 0
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4:36: 0	3880.93	0.28	183.52	23:18: 0
4:38: 0	3881.48	0.27	183.52	23:20: 0

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DATE MAY 26 1988

TIME OF DAY HH:MM:SS *****	PW PSIA *****	DPW/DT PSI/MIN *****	TW DEG F *****	ELAPSED TIME HH:MM:SS *****
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4:46: 0	3883.75	0.29	183.58	23:28: 0
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4:50: 0	3884.89	0.30	183.58	23:32: 0
4:52: 0	3885.46	0.29	183.58	23:34: 0
4:54: 0	3886.02	0.28	183.58	23:36: 0
4:56: 0	3886.52	0.25	183.58	23:38: 0
4:58: 0	3887.12	0.30	183.58	23:40: 0
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5: 6: 0	3889.22	0.24	183.64	23:48: 0
5: 8: 0	3889.75	0.26	183.64	23:50: 0
5:10: 0	3890.26	0.26	183.64	23:52: 0
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5:20: 0	3893.05	0.28	183.64	24: 2: 0
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5:24: 0	3894.19	0.29	183.69	24: 6: 0
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5:28: 0	3895.30	0.28	183.69	24:10: 0
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5:32: 0	3896.38	0.27	183.69	24:14: 0
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5:44: 0	3899.63	0.26	183.75	24:26: 0
5:46: 0	3900.19	0.28	183.75	24:28: 0
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5:50: 0	3901.23	0.25	183.75	24:32: 0
5:52: 0	3901.75	0.26	183.75	24:34: 0
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5:56: 0	3902.88	0.28	183.75	24:38: 0
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6: 4: 0	3905.07	0.28	183.81	24:46: 0
6: 6: 0	3905.93	0.43	183.81	24:48: 0
6: 8: 0	3906.44	0.25	183.81	24:50: 0
6:10: 0	3906.90	0.23	183.81	24:52: 0
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6:14: 0	3907.93	0.25	183.81	24:56: 0
6:16: 0	3908.51	0.29	183.81	24:58: 0
6:18: 0	3909.01	0.25	183.87	25: 0: 0
6:20: 0	3909.54	0.27	183.87	25: 2: 0

APR 22 1985
Mileage Management Service
Anchorage, Alaska
RELEASED TO PUBLIC FILE
DATE MAY 26 1988

TIME OF DAY HH:MM:SS *****	PW PSIA *****	APR 22 1985 DPW/DT PSI/MIN *****	TW DEG F *****	ELAPSED TIME HH:MM:SS *****
		Minerals Management Service		
		Anchorage, Alaska		
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6:24: 0	3910.56	0.25	183.87	25: 6: 0
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6:32: 0	3912.63	0.26	183.87	25:14: 0
6:34: 0	3913.17	0.27	183.92	25:16: 0
6:36: 0	3913.69	0.26	183.92	25:18: 0
6:38: 0	3914.20	0.25	183.92	25:20: 0
6:40: 0	3914.75	0.27	183.92	25:22: 0
6:42: 0	3915.25	0.25	183.92	25:24: 0
6:44: 0	3915.74	0.25	183.92	25:26: 0
6:46: 0	3916.28	0.27	183.92	25:28: 0
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6:52: 0	3917.80	0.26	183.98	25:34: 0
6:54: 0	3918.25	0.23	183.98	25:36: 0
6:56: 0	3918.81	0.28	183.98	25:38: 0
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7:36: 0	3928.62	0.26	184.16	26:18: 0
7:38: 0	3929.10	0.24	184.16	26:20: 0
7:40: 0	3929.56	0.23	184.16	26:22: 0
7:42: 0	3930.03	0.24	184.16	26:24: 0
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7:50: 0	3931.97	0.23	184.16	26:32: 0
7:52: 0	3932.44	0.24	184.21	26:34: 0
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8: 0: 0	3934.38	0.24	184.21	26:42: 0
8: 2: 0	3934.86	0.24	184.21	26:44: 0

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TIME
OF DAY
HH:MM:SS
*****PW
PSIA
*****APR 22 1985
DPW/DT
PSI/MIN
Minerals Management Service
Anchorage, Alaska
TW
DEG F
*****ELAPSED
TIME
HH:MM:SS

8: 4: 0	3935.27	0.20	184.21	26:46: 0
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8:14: 0	3937.56	0.22	184.27	26:56: 0
8:16: 0	3938.09	0.26	184.27	26:58: 0
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8:20: 0	3939.02	0.22	184.27	27: 2: 0
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8:44: 0	3944.48	0.22	184.39	27:26: 0
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8:50: 0	3945.78	0.20	184.39	27:32: 0
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8:56: 0	354.48	0.74	184.27	27:38: 0
8:58: 0	338.22	-8.13	184.16	27:40: 0
9: 0: 0	847.45	254.62	184.04	27:42: 0
9: 2: 0	413.17	-217.14	184.10	27:44: 0
9: 4: 0	447.82	187.33	187.33	27:46: 0
9: 6: 0	394.89	-26.70	186.26	27:48: 0
9: 8: 0	483.08	4.09	186.44	27:50: 0
9:10: 0	563.08	4.09	187.91	27:52: 0
9:12: 0	635.67	36.29	189.45	27:54: 0
9:14: 0	689.68	27.00	191.32	27:56: 0
9:16: 0	741.74	26.03	193.39	27:58: 0
9:18: 0	789.17	23.71	195.74	28: 0: 0
9:20: 0	1249.38	230.10	198.05	28: 2: 0
9:22: 0	3611.06	1180.84	200.21	28: 4: 0
9:24: 0	3698.77	43.85	202.26	28: 6: 0
9:26: 0	3703.95	2.59	203.82	28: 8: 0
9:28: 0	3706.22	1.14	205.06	28:10: 0
9:30: 0	3708.00	0.89	205.98	28:12: 0
9:32: 0	3708.98	0.49	206.51	28:14: 0
9:34: 0	3709.69	0.36	206.84	28:16: 0
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9:38: 0	3710.51	0.20	207.11	28:20: 0
9:40: 0	3710.66	0.07	207.04	28:22: 0
9:42: 0	3710.75	0.05	206.98	28:24: 0
9:44: 0	3710.84	0.05	206.84	28:26: 0

RELEASED TO PUBLIC FILE
DATE MAY 26 1988

TIME OF DAY HH:MM:SS *****	PW PSIA *****	DPW/DT PSI/MIN *****	TW DEG F *****	ELAPSED TIME HH:MM:SS *****
			APR 22 1985	
			Management Service	
			Anchorage, Alaska	
9:46: 0	3710.89	0.02	206.71	28:28: 0
9:48: 0	3710.96	0.04	206.51	28:30: 0
9:50: 0	3710.99	0.02	206.31	28:32: 0
9:52: 0	3711.00	0.01	206.11	28:34: 0
9:54: 0	3710.96	-0.02	205.92	28:36: 0
9:56: 0	3711.00	0.02	205.78	28:38: 0
9:58: 0	3710.99	-0.01	205.59	28:40: 0
10: 0: 0	3710.93	-0.03	205.46	28:42: 0
10: 2: 0	3764.21	26.64	205.32	28:44: 0
10: 4: 0	3783.64	9.72	205.13	28:46: 0
10: 6: 0	3785.26	0.81	204.60	28:48: 0
10: 8: 0	3784.40	-0.43	203.69	28:50: 0
10:10: 0	3715.03	-34.68	202.52	28:52: 0
10:12: 0	3714.78	-0.12	201.23	28:54: 0
10:14: 0	3714.40	-0.19	200.08	28:56: 0
10:16: 0	3713.92	-0.24	199.12	28:58: 0
10:18: 0	3713.39	-0.26	198.43	29: 0: 0
10:20: 0	3712.92	-0.24	197.99	29: 2: 0
10:22: 0	3712.47	-0.23	197.67	29: 4: 0
10:24: 0	3712.22	-0.12	197.48	29: 6: 0
10:26: 0	3712.04	-0.09	197.36	29: 8: 0
10:28: 0	3711.88	-0.08	197.30	29:10: 0
10:30: 0	3711.72	-0.08	197.30	29:12: 0
10:32: 0	919.97	-1395.88	197.30	29:14: 0
10:34: 0	965.88	22.95	197.30	29:16: 0
10:36: 0	1019.71	26.92	197.61	29:18: 0
10:38: 0	3022.32	1001.31	198.24	29:20: 0
10:40: 0	3700.74	339.21	199.25	29:22: 0
10:42: 0	3706.59	2.92	200.33	29:24: 0
10:44: 0	3707.70	0.55	201.23	29:26: 0
10:46: 0	3708.67	0.48	201.94	29:28: 0
10:48: 0	3709.20	0.27	202.52	29:30: 0
10:50: 0	3709.48	0.14	203.11	29:32: 0
10:52: 0	3709.76	0.14	203.10	29:34: 0
10:54: 0	3709.89	0.07	203.30	29:36: 0
10:56: 0	3710.07	0.05	203.36	29:38: 0
10:58: 0	3710.16	0.03	203.36	29:40: 0
11: 0: 0	3710.22	0.03	203.36	29:42: 0
11: 2: 0	3710.33	0.06	203.36	29:44: 0
11: 4: 0	3710.37	0.02	203.30	29:46: 0
11: 6: 0	3710.39	0.01	203.23	29:48: 0
11: 8: 0	3710.48	0.05	203.17	29:50: 0
11:10: 0	3710.51	0.02	203.10	29:52: 0
11:12: 0	3710.58	0.03	202.97	29:54: 0
11:14: 0	3710.62	0.02	202.91	29:56: 0
11:16: 0	3710.60	-0.01	202.84	29:58: 0
11:18: 0	3710.65	0.03	202.71	30: 0: 0
11:20: 0	3710.68	0.01	202.65	30: 2: 0
11:22: 0	3710.72	0.02	202.58	30: 4: 0
11:24: 0	3710.75	0.02	202.45	30: 6: 0
11:26: 0	3710.78	0.01	202.39	30: 8: 0

RELEASED TO PUBLIC FILE
DATE MAY 26 1988

APR 22 1985

TIME OF DAY HH:MM:SS *****	PW PSIA *****	Minerals Management Service DPW/D Anchorage, Alaska PSI/MIN *****	TEMP DEG F *****	ELAPSED TIME HH:MM:SS *****
11:28: 0	3710.80	0.01	202.33	30:10: 0
11:30: 0	3710.87	0.03	202.20	30:12: 0
11:32: 0	3710.87	0.00	202.13	30:14: 0
11:34: 0	3710.90	0.01	202.07	30:16: 0
11:36: 0	3710.91	0.00	202.00	30:18: 0
11:38: 0	3710.95	0.02	201.94	30:20: 0
11:40: 0	3710.97	0.01	201.87	30:22: 0
11:42: 0	3711.00	0.01	201.81	30:24: 0
11:44: 0	3711.07	0.04	201.68	30:26: 0
11:46: 0	3711.05	-0.01	201.62	30:28: 0
11:48: 0	3711.04	-0.01	201.55	30:30: 0
11:50: 0	3711.08	0.02	201.49	30:32: 0
11:52: 0	3711.13	0.02	201.42	30:34: 0
11:54: 0	3711.16	0.02	201.36	30:36: 0
11:56: 0	3711.16	-0.00	201.29	30:38: 0
11:58: 0	3711.17	0.01	201.23	30:40: 0
12: 0: 0	3711.20	0.01	201.17	30:42: 0
12: 2: 0	3711.23	0.02	201.10	30:44: 0
12: 4: 0	3711.25	0.01	201.04	30:46: 0
12: 6: 0	3711.28	0.02	200.97	30:48: 0
12: 8: 0	3711.25	-0.02	200.97	30:50: 0
12:10: 0	3711.29	0.02	200.91	30:52: 0
12:12: 0	3711.34	0.03	200.85	30:54: 0
12:14: 0	3711.36	0.01	200.78	30:56: 0
12:16: 0	3711.37	0.01	200.72	30:58: 0
12:18: 0	3711.43	0.03	200.65	31: 0: 0
12:20: 0	3711.45	0.01	200.65	31: 2: 0
12:22: 0	3711.39	-0.03	200.59	31: 4: 0
12:24: 0	3711.39	0.00	200.53	31: 6: 0
12:26: 0	3711.48	0.05	200.46	31: 8: 0
12:28: 0	3711.58	0.05	200.40	31:10: 0
12:30: 0	3711.69	0.05	200.27	31:12: 0
12:32: 0	3711.74	0.01	200.20	31:14: 0
12:34: 0	3711.75	0.01	199.70	31:16: 0
12:36: 0	3711.74	-0.00	199.70	31:18: 0
12:38: 0	3711.76	0.01	199.57	31:20: 0
12:40: 0	3711.77	0.01	199.38	31:22: 0
12:42: 0	3711.76	-0.00	199.25	31:24: 0
12:44: 0	3711.73	-0.02	199.12	31:26: 0
12:46: 0	3711.76	0.02	199.06	31:28: 0
12:48: 0	3711.81	0.02	198.93	31:30: 0
12:50: 0	3711.74	-0.03	198.87	31:32: 0
12:52: 0	3711.77	0.01	198.74	31:34: 0
12:54: 0	3711.80	0.02	198.68	31:36: 0
12:56: 0	3711.79	-0.00	198.62	31:38: 0
12:58: 0	3711.81	0.01	198.56	31:40: 0
13: 0: 0	3711.81	-0.00	198.49	31:42: 0
13: 2: 0	3711.76	-0.03	198.43	31:44: 0
13: 4: 0	3711.81	0.03	198.37	31:46: 0
13: 6: 0	3711.83	0.01	198.30	31:48: 0
13: 8: 0	3711.83	0.00	198.24	31:50: 0

RELEASED TO PUBLIC FILE
 DATE 199 MAY 26 1988

FIELD REPORT : 1 80F

PAGE 9

APR 22 1985

TIME OF DAY HH:MM:SS *****	PW PSIA *****	DPW/DT Minerals Management Service Anchorage, Alaska *****	TW *****	ELAPSED TIME HH:MM:SS *****
13:10: 0	3711.86	0.01	198.18	31:52: 0
13:12: 0	3711.86	0.00	198.11	31:54: 0
13:14: 0	3711.82	-0.02	198.05	31:56: 0
13:16: 0	3711.88	0.03	198.05	31:58: 0
13:18: 0	3711.89	0.01	197.99	32: 0: 0
13:20: 0	3711.85	-0.02	197.92	32: 2: 0
13:22: 0	3711.90	0.03	197.92	32: 4: 0
13:24: 0	3711.87	-0.02	197.86	32: 6: 0
13:26: 0	3711.89	0.01	197.80	32: 8: 0
13:28: 0	3711.93	0.02	197.74	32:10: 0
13:30: 0	3711.93	0.00	197.74	32:12: 0
13:32: 0	3711.94	0.00	197.67	32:14: 0
13:34: 0	3711.96	0.01	197.61	32:16: 0
13:36: 0	3711.94	-0.01	197.55	32:18: 0
13:38: 0	3711.94	0.00	197.55	32:20: 0
13:40: 0	3711.93	-0.01	197.48	32:22: 0
13:42: 0	3711.99	0.03	197.48	32:24: 0
13:44: 0	3711.94	-0.02	197.42	32:26: 0
13:46: 0	3712.00	0.03	197.36	32:28: 0
13:48: 0	3711.99	-0.01	197.36	32:30: 0
13:50: 0	3711.99	0.00	197.30	32:32: 0
13:52: 0	3712.02	0.02	197.30	32:34: 0
13:54: 0	3711.97	-0.02	197.23	32:36: 0
13:56: 0	1113.97	-1299.00	197.17	32:38: 0
13:58: 0	1163.39	24.71	197.11	32:40: 0
14: 0: 0	1209.71	23.16	197.23	32:42: 0
14: 2: 0	1249.72	20.01	197.67	32:44: 0
14: 4: 0	1291.99	21.13	198.56	32:46: 0
14: 6: 0	1343.42	25.71	199.82	32:48: 0
14: 8: 0	1392.15	24.37	201.29	32:50: 0
14:10: 0	1440.13	23.99	202.71	32:52: 0
14:12: 0	1487.38	23.63	204.08	32:54: 0
14:14: 0	1532.85	22.50	207.04	32:56: 0
14:16: 0	1578.46	22.69	207.04	32:58: 0
14:18: 0	1623.84	21.98	207.64	33: 0: 0
14:20: 0	1667.81	22.10	208.17	33: 2: 0
14:22: 0	1712.01	22.11	208.58	33: 4: 0
14:24: 0	1756.23	22.28	208.84	33: 6: 0
14:26: 0	1800.79	22.17	209.11	33: 8: 0
14:28: 0	1845.13	21.55	209.25	33:10: 0
14:30: 0	1888.23	21.79	209.38	33:12: 0
14:32: 0	1931.81	21.70	209.52	33:14: 0
14:34: 0	1975.22	21.58	209.52	33:16: 0
14:36: 0	2018.39	21.55	209.58	33:18: 0
14:38: 0	2061.49	21.46	209.58	33:20: 0
14:40: 0	2104.41	21.08	209.58	33:22: 0
14:42: 0	2146.56	21.13	209.58	33:24: 0
14:44: 0	2188.82	21.00	209.58	33:26: 0
14:46: 0	2230.81	20.72	209.52	33:28: 0
14:48: 0	2272.25	15.64	209.52	33:30: 0
14:50: 0	2303.52			33:32: 0

RELEASED TO PUBLIC FILE
MAY 26 1985
DATE

APR 22 1985

TIME OF DAY HH:MM:SS *****	PW PSIA *****	DPW/DT Symon Minerals Management Service Anchorage, Alaska *****	TW DTW *****	ELAPSED TIME HH:MM:SS *****
14:52: 0	2332.94	14.71	209.45	33:34: 0
14:54: 0	2358.56	12.81	209.38	33:36: 0
14:56: 0	2385.07	13.25	209.38	33:38: 0
14:58: 0	2410.68	12.81	209.31	33:40: 0
15: 0: 0	2436.93	13.13	209.25	33:42: 0
15: 2: 0	2462.35	12.71	209.18	33:44: 0
15: 4: 0	2487.72	12.69	209.11	33:46: 0
15: 6: 0	2512.54	12.41	209.05	33:48: 0
15: 8: 0	2537.32	12.39	208.98	33:50: 0
15:10: 0	2562.15	12.42	208.91	33:52: 0
15:12: 0	2586.83	12.34	208.84	33:54: 0
15:14: 0	2610.99	12.08	208.78	33:56: 0
15:16: 0	2635.22	12.12	208.71	33:58: 0
15:18: 0	2658.88	11.83	208.71	34: 0: 0
15:20: 0	2682.44	11.78	208.64	34: 2: 0
15:22: 0	2705.66	11.61	208.58	34: 4: 0
SEGMENT NO. 2				
15:28: 0	2760.82	9.19	208.44	34:10: 0
15:34: 0	2802.12	6.88	208.31	34:16: 0
15:40: 0	2850.57	8.07	208.11	34:22: 0
15:46: 0	2914.00	10.57	207.97	34:28: 0
15:52: 0	2983.46	11.58	207.84	34:34: 0
15:58: 0	3051.06	11.27	207.77	34:40: 0
16: 4: 0	3115.83	10.79	207.64	34:46: 0
16:10: 0	3175.67	9.97	207.57	34:52: 0
16:16: 0	3248.93	12.21	207.44	34:58: 0
16:22: 0	3315.82	11.15	207.37	35: 4: 0
16:28: 0	3364.19	8.06	207.24	35:10: 0
16:34: 0	3424.46	10.05	207.11	35:16: 0
16:40: 0	3415.73	-1.45	206.91	35:22: 0
16:46: 0	3402.96	206.11	206.11	35:28: 0
16:52: 0	3421.13	206.31	206.31	35:34: 0
16:58: 0	3480.82	206.58	206.58	35:40: 0
17: 4: 0	3276.56	206.11	206.11	35:46: 0
17:10: 0	3254.52	-3.67	206.11	35:52: 0
17:16: 0	3295.64	6.85	206.05	35:58: 0
17:22: 0	3272.30	-3.89	205.98	36: 4: 0
SEGMENT NO. 3				
17:32: 0	3182.29	-9.00	206.11	36:14: 0
17:42: 0	3177.70	-0.46	206.18	36:24: 0
17:52: 0	3177.71	0.00	206.31	36:34: 0
18: 2: 0	3170.66	-0.70	206.45	36:44: 0
18:12: 0	3163.66	-0.70	206.45	36:54: 0
18:22: 0	3164.84	0.12	206.51	37: 4: 0
18:32: 0	3164.93	0.01	206.58	37:14: 0
18:42: 0	3165.54	0.06	206.58	37:24: 0
18:52: 0	3163.37	-0.22	206.58	37:34: 0
19: 2: 0	3153.96	-0.94	206.58	37:44: 0
19:12: 0	3153.20	-0.08	206.58	37:54: 0
19:22: 0	3156.50	0.33	206.64	38: 4: 0
19:32: 0	3161.06	0.46	206.64	38:14: 0

RELEASED TO PUBLIC FILE

DATE MAY 2 5 1985

TIME OF DAY HH:MM:SS *****	PW PSIA *****	DPW/DT PSI/MIN ***** Minerals Management Service Anchorage, Alaska	TW DEG F *****	ELAPSED TIME HH:MM:SS *****
19:42: 0	3163.66	0.26	206.64	38:24: 0
19:52: 0	3163.38	-0.03	206.64	38:34: 0
SEGMENT NO. 4				
20: 0: 0	3296.31	16.62	206.64	38:42: 0
20: 2: 0	3707.55	205.62	206.64	38:44: 0
20: 4: 0	3708.78	0.61	206.71	38:46: 0
20: 6: 0	3709.11	0.17	206.71	38:48: 0
20: 8: 0	3709.72	0.30	206.71	38:50: 0
20:10: 0	3709.83	0.06	206.71	38:52: 0
20:12: 0	3709.93	0.05	206.64	38:54: 0
20:14: 0	3709.95	0.01	206.64	38:56: 0
20:16: 0	3710.06	0.05	206.58	38:58: 0
20:18: 0	3710.13	0.04	206.51	39: 0: 0
20:20: 0	3710.18	0.03	206.45	39: 2: 0
20:22: 0	3710.20	0.01	206.38	39: 4: 0
20:24: 0	3710.23	0.01	206.25	39: 6: 0
20:26: 0	3710.21	-0.01	206.18	39: 8: 0
20:28: 0	3710.26	0.03	206.11	39:10: 0
20:30: 0	3710.35	0.04	206.05	39:12: 0
20:32: 0	3710.35	0.00	205.98	39:14: 0
20:34: 0	3710.40	0.02	205.85	39:16: 0
20:36: 0	3710.37	-0.02	205.78	39:18: 0
20:38: 0	3710.47	0.05	205.72	39:20: 0
20:40: 0	3710.48	0.01	205.65	39:22: 0
20:42: 0	3710.54	0.03	205.59	39:24: 0
20:44: 0	3710.57	0.01	205.52	39:26: 0
20:46: 0	3710.62	0.02	205.46	39:28: 0
20:48: 0	3710.61	-0.00	205.39	39:30: 0
20:50: 0	3710.58	-0.01	205.32	39:32: 0
20:52: 0	3710.67	0.05	205.26	39:34: 0
20:54: 0	3710.69	0.01	205.19	39:36: 0
20:56: 0	3710.68	-0.00	205.13	39:38: 0
20:58: 0	3710.68	-0.00	205.06	39:40: 0
21: 0: 0	3710.74	0.03	205.00	39:42: 0
21: 2: 0	3710.76	0.01	204.93	39:44: 0
21: 4: 0	3710.79	0.01	204.86	39:46: 0
21: 6: 0	3710.82	0.02	204.81	39:48: 0
21: 8: 0	3710.82	-0.01	204.74	39:50: 0
21:10: 0	3710.85	-0.01	204.67	39:52: 0
21:12: 0	3710.87	0.01	204.60	39:54: 0
21:14: 0	3710.91	0.02	204.54	39:56: 0
21:16: 0	3710.92	0.01	204.47	39:58: 0
21:18: 0	3710.96	0.02	204.41	40: 0: 0
21:20: 0	3710.98	0.01	204.41	40: 2: 0
21:22: 0	3711.01	0.02	204.34	40: 4: 0
21:24: 0	3711.02	0.00	204.27	40: 6: 0
21:26: 0	3711.06	0.02	204.21	40: 8: 0
21:28: 0	3711.09	0.01	204.14	40:10: 0
21:30: 0	3711.09	0.00	204.08	40:12: 0
21:32: 0	3711.11	0.01	204.01	40:14: 0
21:34: 0	3711.17	0.03	203.95	40:16: 0

RELEASED TO PUBLIC FILE
DATE MAY 26 1988

APR 22 1985

TIME OF DAY HH:MM:SS *****	PW PSIA *****	DPW/DT PSI/MIN *****	TW DEG F *****	ELAPSED TIME HH:MM:SS *****
21:36: 0	3711.16	-0.00	203.88	40:18: 0
21:38: 0	3711.19	0.01	203.82	40:20: 0
21:40: 0	3711.23	0.02	203.75	40:22: 0
21:42: 0	3711.23	-0.00	203.69	40:24: 0
21:44: 0	3711.27	0.02	203.69	40:26: 0
21:46: 0	3711.28	0.01	203.62	40:28: 0
21:48: 0	3711.33	0.03	203.56	40:30: 0
21:50: 0	3711.31	-0.01	203.49	40:32: 0
21:52: 0	3711.32	0.01	203.43	40:34: 0
21:54: 0	3711.35	0.01	203.36	40:36: 0
21:56: 0	3711.41	0.03	203.30	40:38: 0
21:58: 0	3711.41	0.00	203.30	40:40: 0
22: 0: 0	3711.37	-0.02	203.23	40:42: 0
SEGMENT NO. 5				
22: 6: 0	3711.44	0.01	203.04	40:48: 0
22:12: 0	3711.48	0.01	202.91	40:54: 0
22:18: 0	3711.51	0.00	202.78	41: 0: 0
22:24: 0	3711.62	0.02	202.58	41: 6: 0
22:30: 0	3711.61	-0.00	202.45	41:12: 0
22:36: 0	3711.68	0.01	202.33	41:18: 0
22:42: 0	3711.67	-0.00	202.20	41:24: 0
22:48: 0	3711.73	0.01	202.07	41:30: 0
22:54: 0	3711.73	-0.00	201.94	41:36: 0
23: 0: 0	3711.76	0.01	201.81	41:42: 0
23: 6: 0	3711.78	0.00	201.62	41:48: 0
23:12: 0	3711.84	0.01	201.49	41:54: 0
23:18: 0	3711.85	0.00	201.42	42: 0: 0
23:24: 0	3711.86	0.00	201.29	42: 6: 0
23:30: 0	3711.88	0.00	201.17	42:12: 0
23:36: 0	3711.92	0.01	201.04	42:18: 0
23:42: 0	3711.96	0.01	200.91	42:24: 0
23:48: 0	3711.92	-0.01	200.85	42:30: 0
23:54: 0	3712.02	0.02	200.72	42:36: 0
0: 0: 0	3711.95	0.01	200.59	42:42: 0
SEGMENT NO. 6				
0:10: 0	3711.97	0.00	200.40	42:52: 0
0:20: 0	3712.00	0.00	200.27	43: 2: 0
0:30: 0	3712.06	0.01	200.08	43:12: 0
0:40: 0	3712.06	-0.00	199.95	43:22: 0
0:50: 0	3712.11	0.01	199.76	43:32: 0
1: 0: 0	3712.09	-0.00	199.63	43:42: 0
1:10: 0	3712.10	0.00	199.51	43:52: 0
1:20: 0	3711.12	-0.10	199.38	44: 2: 0
1:30: 0	3711.26	0.01	199.19	44:12: 0
1:40: 0	3711.42	0.02	199.06	44:22: 0
1:50: 0	3711.58	0.02	198.93	44:32: 0
2: 0: 0	3711.65	0.01	198.87	44:42: 0
2:10: 0	3711.73	0.01	198.74	44:52: 0
2:20: 0	3711.86	0.01	198.62	45: 2: 0
2:30: 0	3711.88	0.00	198.56	45:12: 0
2:40: 0	3711.99	0.01	198.43	45:22: 0

RELEASED TO PUBLIC FILE

DATE

MAY 26 1988

TIME
OF DAY
HH:MM:SS
*****PW
PSIA
*****DRW/ST
PSI/MIN
APR 22 1985
*****TW
DEG F
*****ELAPSED
TIME
HH:MM:SS
*****Minerals Management Service
Anchorage, Alaska

2:50: 0	3712.02	198.30	45:32: 0
3: 0: 0	3712.06	198.18	45:42: 0
3:10: 0	3712.10	198.11	45:52: 0
3:20: 0	3712.11	197.99	46: 2: 0
3:30: 0	3712.12	197.92	46:12: 0
3:40: 0	3712.14	197.80	46:22: 0
3:50: 0	3712.14	197.67	46:32: 0
4: 0: 0	3667.06	197.17	46:42: 0
4:10: 0	3660.27	196.05	46:52: 0
4:20: 0	3669.94	197.05	47: 2: 0
4:30: 0	3749.13	198.43	47:12: 0
4:40: 0	3776.47	197.80	47:22: 0
4:50: 0	3800.17	196.42	47:32: 0
5: 0: 0	3806.79	194.19	47:42: 0
5:10: 0	3792.31	189.99	47:52: 0
5:20: 0	3763.44	184.33	48: 2: 0
5:30: 0	3712.50	180.77	48:12: 0
5:40: 0	3696.27	180.49	48:22: 0
5:50: 0	3696.42	179.48	48:32: 0
6: 0: 0	3692.23	179.03	48:42: 0
6:10: 0	3562.69	171.15	48:52: 0
6:20: 0	3508.65	148.82	49: 2: 0
6:30: 0	3360.77	139.27	49:12: 0
6:40: 0	3224.78	135.92	49:22: 0
6:50: 0	3134.56	134.92	49:32: 0
7: 0: 0	3091.55	134.67	49:42: 0
7:10: 0	3086.55	134.84	49:52: 0
7:20: 0	2976.53	135.17	50: 2: 0
7:30: 0	2789.69	134.63	50:12: 0
7:40: 0	2602.60	132.04	50:22: 0
7:50: 0	2419.45	128.02	50:32: 0
8: 0: 0	2273.54	124.90	50:42: 0
8:10: 0	2029.98	121.02	50:52: 0
8:20: 0	1776.43	115.62	51: 2: 0
8:30: 0	1545.65	110.28	51:12: 0
8:40: 0	1359.76	104.69	51:22: 0
8:50: 0	1124.82	98.94	51:32: 0
9: 0: 0	848.50	91.93	51:42: 0
9:10: 0	561.89	79.77	51:52: 0
9:20: 0	486.74	70.77	52: 2: 0
9:30: 0	323.95	66.28	52:12: 0
9:40: 0	251.70	71.64	52:22: 0
9:50: 0	245.68	70.66	52:32: 0
10: 0: 0	231.18	70.18	52:42: 0
10:10: 0	219.10	69.86	52:52: 0
10:20: 0	219.56	69.65	53: 2: 0
10:30: 0	95.83	69.33	53:12: 0
10:40: 0	99.57	68.52	53:22: 0
10:50: 0	113.48	67.97	53:32: 0
11: 0: 0	58.69	67.52	53:42: 0
11:10: 0	61.74	66.68	53:52: 0

RELEASED TO PUBLIC FILE
DATE MAY 26 1988

TIME OF DAY HH:MM:SS *****	PW PSIA *****	DPW/DT PSI/MIN *****	TW DEG F *****	ELAPSED TIME HH:MM:SS *****
11:20: 0	61.86	0.01	66.14	54: 2: 0
11:30: 0	58.85	-0.30	65.86	54:12: 0
11:40: 0	29.31	-2.95	65.42	54:22: 0
11:50: 0	30.66	0.14	62.39	54:32: 0
12: 0: 0	29.40	-0.13	59.01	54:42: 0
12:10: 0	28.79	-0.06	58.64	54:52: 0
12:20: 0	28.70	-0.01	59.23	55: 2: 0
12:30: 0	29.41	0.07	59.86	55:12: 0

Received
OCS District Office

APR 22 1985

Minerals Management Service
Anchorage, Alaska

RELEASED TO PUBLIC FILE
MAY 26 1988
DATE _____

RELEASED TO PUBLIC FILE

DATE May 26, 1988 R.P.

**DISTRICT
CONFIDENTIAL**

AMOCO PRODUCTION CO.

MARS PROJECT #1

NO. 10, IS 71, TR 138

PERUFOOT SEA, AK.

ATTN: CHUCK CONRAD

RECEIVED
OCS DISTRICT OFFICE

MAY 15 1986

MINERALS MANAGEMENT SERVICE
ANCHORAGE, ALASKA

FLOPETROL JOHNSTON

Schlumberger

DISTRICT

STOCK TANKAGE REPORT

$$\text{TANK } Q = \frac{\Delta Q}{\Delta t \text{ min}} K(1 - \text{BSW}) 1440$$

START TIME 1600

TIME END 2000

COMPANY AMOCO

DATE 4/15/86

WELL NO. OCS-Y-0302 #1

WELL NAME MARS

TEST NO. 1

PERF. INTERVAL

SHEET 1 OF 1

TANK NO. 1

INITIAL STRAP: INCH .75

BBLs 4.58

TANK COEFF. 6.1

TANK DEPTH 8'2"

CAPACITY 500 BBL

RIG NAME PARKER 123

TIME	TOTAL INCHES	TOTAL BARRELS	△ INCHES	△ BARREL	TANK TEMP	K FACTOR	OIL INCHES	OIL BARRELS	△ OIL	OIL RATE BBL/DAY	H2O INCHES	H2O BARRELS	△ H2O	H2O RATE BBL/DAY	CUM. PRODUCED	PUMPED IN BARRELS	SHIPPING DATA	Inches Bbls.
1700	2	12.2	1.25	7.62	---	---	0	0	0	0	2	12.2	7.62	243.8	7.62	0	LOAD # 1	
1730	4.5	27.4	2.5	15.2	---	---	0	0	0	0	4.5	27.4	15.2	729.6	22.82	0	OIL GRAVITY @ 60°F	
1800	5.5	33.55	1.0	6.15	---	---	0	0	0	0	5.5	33.55	6.15	295.2	28.97	0	TEMP K - °F	
1830	7.0	42.7	1.5	9.15	---	---	0	0	0	0	7.0	42.7	9.15	439.2	38.12	0	FINAL STRAP OIL	0
1900	8.25	50.33	1.25	7.63	---	---	0	0	0	0	8.25	50.33	7.63	366.2	45.75	0	FINAL STRAP H2O	11.0
1930	9.25	56.43	1.0	6.10	---	---	0	0	0	0	9.25	56.43	6.10	292.8	51.85	0	CORRECTED TOTAL FLUID	67.1
2000	11.00	67.10	1.75	10.67	---	---	0	0	0	0	11.00	67.10	10.67	512.16	62.52	0	MINUS INITIAL	11.0
																	TOTAL PRODUCED	67.1
																	MINUS SHIPPING	0
																	REMAINING TOTAL STRAP	0
																	REMAINING OIL STRAP	0
																	REMAINING H2O STRAP	0
																	TRUCK OR TICKET #	
																	SHIPPING TICKET	
																	FJS REP PETROSKY	
																	DATE SHIPPED: 4/17/86	
																	TIME SHIPPED: 0900	
TOTAL	11.00	67.10					0	0		0	11.00	67.10		---	65.52	0		

COMMENTS

Schlumberger

GAS FLOW RATE CALCULATION

$$FU = .024 \times \left(\frac{14.73}{P_{sc}} \right) \times \left(\frac{460 + T_{sc}}{520} \right)$$

LIQUID FLOW RATE CALCULATIONS

At this time, the following information is available:

F = Meter
Corr. Factor

OIL _____
WATER _____

(ASTM Designation
D1250 Petroleum
— Mass Tester)

DATE : 4-15-86

LOCATION : BEAUFORT SEA

COMPANY REP. : FEDERSEN, FARRER
SKIDMORE, BOWLES

DIFF. PRESS. RANGE : 200 IN H₂O

D DEPTH REFERENCE : _____ ELEV _____ F

NET H : FT

[illegible]

FLOPETROL JOHNSTON

Schlumberger

GAS FLOW RATE CALCULATION

$$Q_g = F_u F_b F_{fd} F_g F_{pv} Y \sqrt{h_w P} \text{ sepa}$$

$$F_u = .024 \times \left(\frac{14.73}{P_{sc}} \right) \times \left(\frac{460 + T_{sc}}{520} \right)$$

LIQUID FLOW RATE CALCULATIONS

$$\text{METER: } Q_o = \frac{\Delta Q_o}{\Delta t \text{ min}} F (1 - BSW)(1 - \text{Shr } 60) 1440$$

$$\text{TANK: } Q_o = \frac{\Delta Q_o}{\Delta t \text{ min}} K (1 - BSW) 1440$$

F = Meter
Corr. FactorK = Volume
Reduction Factor
(ASTM Designation
D1250 Petroleum
Meas. Tables)OIL _____
WATER _____PAGE NO. : 2
TICKET NO. :
TEST NO. : 1
DATE : 6/15/86CUSTOMER : AMOCO PRODUCTION CO
WELL : OCS-Y-0302 #1 MARS
FIELD : WILDCAT
LEASE : BLK 140, LS 71, Tr 138
LOCATION : BEAUFORT SEA, ALASKASERVICE ENG. : GARRETT SMITH
SERVICE ENG. : PETROSKY INGALLS
ASSISTANT : ASHTON HOFF
ASSISTANT : KESTER
COMPANY REP. : PEDERSEN PALMER BOWLES
SKIDMORE
☐ HOLE OR ☒ CASING I.D. : 9 5/8 IN
TOTAL DEPTH : _____ FT
☐ TUBING OR ☒ D.P. SIZE : 5.0 IN
METER RUN SIZE : 3.876 IN
FLOW RECORDER
STATIC PRESS. RANGE : 1500 PSIG
DIFF. PRESS. RANGE : 200 IN H₂O

 PERFORATED INTERVAL _____ SHOTS PER FOOT _____

 SHOT DIAMETER : _____ IN
 PACKER DEPTH : _____ FT
 DEPTH REFERENCE : _____ ELEV _____ FT
STANDARD CONDITIONS
P_{sc} 14.7 PSIA
T_{sc} 60 °F
TEST ZONE PROP.
POROSITY :
NET H : 25 FT

CLOCK TIME	WELLHEAD				HEATER		SEPARATOR						PPM CHLORIDE	PH	COMMENTS
	CASING PRESS	CHOKE SIZE	TEMP.	PRESS.	CHOKE SIZE	TEMP.	OIL TANK	OIL GRAVITY	MEAS. TEMP.	OIL BS & W	WATER TANK				
	Pbh PSIG	Cwh IN	Twh °F	Pwh PSIG	Ch IN	Th °F	Qo IN	Go API	To °F	BSW %	Qw BBL IN				
		closed		132		125									Flowhead plugged off. Cycled valve, freed plug
1437		16/64			closed	125									PCT open. Closed @ Floor manifold
1456		16/64			8/64	125									Open Floor manifold to 16/64
1457		16/64		180	14/64	125									Open heater choke to 8/64 - bypass flow into tank #1
1458		20/64		184	16/64	125									Open heater choke to 14/64
1500		20/64			14/64	125									Open floor manifold to 20/64
1504		20/64		142	14/64	125									Gas to surface
1515		20/64		115	16/64	125									No fluid - No CO ₂ - No H ₂ S
1530		30/64		75	20/64	130									No fluid - No CO ₂ - Open heater choke to 16/64 - H ₂ S - 0%
1537		30/64		21	20/64	132									Open floor manifold to 30/64 - Open heater choke to 20/64
1545		30/64		1.5	28/64	128									No fluid
1600		full open		---	28/64	125									Open heater choke to 28/64
1605		full open		.87	28/64	125						2,500	6		Open floor manifold to full open
1615		full open		113	36/64	125									Fluid to surface
1630		full open		187	36/64	125									Open heater choke to 36/64 - Rat-hole mud to surface
1645		full open		230	36/64	125									Flowing
1700		full open		---	46/64	130									Flowing - trace oil
1706		full open		70	46/64	127						11,000	6		Changed choke to 46/64
1715		full open		100	64/64	127						12,000	7		Flowing - trace oil
1730		full open		---	80/64	---									Open choke to 64/64 - trace oil
1731		full open		18	80/64	133						17,000	7		Changed choke to 80/64 @ 1731
1800		full open													Flowing on by-pass to tank #1

UNSTRUT

Schlumberger

LIQUID FLOW RATE CALCULATIONS

$$Q_g = F_u F_b F_{rf} F_g F_{pv} Y \sqrt{h_w P \text{ sepa}}$$

$$FU = .024 \times \left(\frac{14.73}{P_{sc}} \right) \times \left(\frac{460 + T_{sc}}{520} \right)$$

METER: $Q_o = \frac{\Delta Q_o}{\Delta t \text{ min}} F (1 - BSW) (1 - Shr 60) 1440$

$$\text{TANK: } Q_o = \frac{\Delta Q_o}{\Delta t \text{ min}} \times (1 - \text{BSW}) 1440$$

**F = Meter
Corr. Factor**

K = Volume Reduction Factor (ASTM Designation D1250 Petroleum Meas. Tables)

OIL _____
WATER _____

PAGE NO. : 3
TICKET NO. : _____
TEST NO. : 1
DATE : 4/15/86

CUSTOMER : AMOCO
WELL : OCS-Y-0302 #1 MARS PR.
FIELD : WILDCAT
LEASE : BLK 140, LS 71, Tr 138
LOCATION : BEAUFORT SEA, AK.

SERVICE ENG. : GARRETT, SMITH
SERVICE ENG. : PETROSKY, INGALLS
ASSISTANT : ASHTON, HOPF
ASSISTANT : KIESTER
COMPANY REP. : PEDERSEN, PALMER
SIDMORE, BOWLES

☐ HOLE OR ☒ CASING I.D. : 95/8 IN
 TOTAL DEPTH : _____ FT
☐ TUBING OR ☒ D.P. SIZE : 5.0 IN
 METER RUN SIZE : 3.826 IN
 FLOW RECORDER _____
 STATIC PRESS. RANGE : 1500 PSIG
 DIFF. PRESS. RANGE : 200 IN H₂O

PERFORATED INTERVAL		SHOTS PER FOOT	
tight hole	-	-	-
	-	-	-
	-	-	-
SHOT DIAMETER :	-	IN	-
PACKER DEPTH :	-	FT	-
DEPTH REFERENCE :	-	FT	-
	ELEV		

STANDARD CONDITIONS
P_{SC} 14.7 PSIA
T_{SC} 60 °F
TEST ZONE PROP.
POROSITY :
NET H : FT

[illegible]

PROPRIETARY - FOR U.S. GOVERNMENT USE ONLY

DISTRICT

