



P.O. Box 2436 • Anchorage, Alaska 99510 • (907) 279-5312

HEWLETT PACKARD PRESSURE DATA

Company HUSKY OIL COMPANY Location ANCHORAGE
Well SOUTH BARROW #18 Field _____ State ALASKA
Borough _____ Formation _____ Date 10/13/80
Daily Production _____ Cumulative Production _____

ENCLOSURES
COMPUTER PROCESSED FIELD DATA
LINEAR PLOT OF GRADIENT STOPS
HORNER PLOT

HUSKY OIL
SOUTH BARROW #18

ATTENTION DAN LOWE
DEPTH 2085
10/13/80

TIME	FLOW LINE SURFACE PRESSURE	DOWN HOLE PRESSURE	TEMP.	CHOKE
12:15		507.19	46	16/64
12:21	350	540.61	46	14/64
12:25	395	574.39	46	14/64
12:55	400	580.52	46	14/64
13:11	405	589.00	46	14/64
13:52	420	628.47	46	14/64
14:34	405	612.71	46	14/64
15:00	405	610.60	46	14/64
15:31	400	794.00	46	6/64
15:40	750?	821.04	46	6/64
15:45	650	838.79	46	12/64
16:16	600	764.45	46	12/64
16:46	600	743.35	46	12/64
17:19	520	732.44	46	12/64
17:53	520	723.83	46	12/64
18:28	420	645.15	46	20/64
18:55	280	464.18	46	20/64
19:27	220	432.22	46	20/64
19:45	220	433.66	46	20/64
20:03	220	437.65	46	20/64
SHUT WELL IN FOR BUILD-UP				
20:22	START PRESSURE	439.63	46	
00:17	FINAL PRESSURE	950.04	46	

GO WIRELINE SERVICES
PRESSURE BUILD-UP SURVEY

Well No.: SB#18 Date: 10/13/80 Gradient: 0.000PSI/ft
Tool positioned at: 2085 MD. 2085 TVD. 2085 S.S.

$\frac{T+dt}{dt}$	Time	dt(hrs)	deg F	P (PSIA)	P @ 2085	Delta P	Comments
10/13/80	11:59:0		46.0	507.83			CHOKE 16/64
10/13/80	12:0 :0		46.0	507.66			
10/13/80	12:1 :0		46.0	507.50			
10/13/80	12:2 :0		46.0	507.31			
10/13/80	12:3 :0		46.0	507.16			
10/13/80	12:4 :0		46.0	507.10			
10/13/80	12:5 :0		46.0	507.16			
10/13/80	12:6 :0		46.0	507.25			
10/13/80	12:7 :0		46.0	507.20			
10/13/80	12:8 :0		46.0	507.15			
10/13/80	12:9 :0		46.0	507.14			
10/13/80	12:10:0		46.0	507.10			
10/13/80	12:11:0		46.0	507.08			
10/13/80	12:12:0		46.0	507.06			
10/13/80	12:13:0		46.0	507.16			
10/13/80	12:14:0		46.0	507.23			
10/13/80	12:15:0		46.0	507.19			
10/13/80	12:21:0		46.0	540.61			CHOKE 14/64
10/13/80	12:22:0		46.0	542.04			
10/13/80	12:23:0		46.0	543.81			
10/13/80	12:24:0		46.0	545.63			
10/13/80	12:25:0		46.0	547.39			
10/13/80	12:26:0		46.0	549.09			
10/13/80	12:27:0		46.0	550.80			
10/13/80	12:28:0		46.0	552.45			
10/13/80	12:29:0		46.0	554.00			
10/13/80	12:30:0		46.0	555.49			
10/13/80	12:31:0		46.0	556.93			
10/13/80	12:32:0		46.0	558.34			
10/13/80	12:33:0		46.0	559.73			
10/13/80	12:34:0		46.0	561.00			
10/13/80	12:35:0		46.0	562.25			
10/13/80	12:36:0		46.0	563.45			
10/13/80	12:37:0		46.0	564.66			
10/13/80	12:38:0		46.0	565.80			
10/13/80	12:39:0		46.0	566.87			
10/13/80	12:40:0		46.0	567.93			
10/13/80	12:41:0		46.0	568.94			
10/13/80	12:42:0		46.0	569.90			
10/13/80	12:43:0		46.0	570.84			
10/13/80	12:44:0		46.0	571.75			
10/13/80	12:45:0		46.0	572.58			
10/13/80	12:46:0		46.0	573.41			
10/13/80	12:47:0		46.0	574.26			
10/13/80	12:48:0		46.0	575.11			
10/13/80	12:49:0		46.0	575.91			
10/13/80	12:50:0		46.0	576.75			
10/13/80	12:51:0		46.0	577.61			
10/13/80	12:52:0		46.0	578.48			
10/13/80	12:53:0		46.0	579.29			
10/13/80	12:54:0		46.0	579.98			
10/13/80	12:55:0		46.0	580.52			
10/13/80	12:56:0		46.0	581.06			
10/13/80	12:57:0		46.0	581.59			
10/13/80	12:58:0		46.0	582.12			

GO WIRELINE SERVICES
PRESSURE BUILD-UP SURVEY

Well No.: SB#18 Date: 10/13/80 Gradient: 0.000PSI/ft
Tool positioned at: 2085 MD. 2095 TVD. 2085 S.S.

$\frac{T+dt}{dt}$	Time	dt(hrs)	deg F	P (PSIA)	P @ 2085	Delta P	Comments
10/13/80	12:59:0		46.0	582.75			
10/13/80	13:0 :0		46.0	583.28			
10/13/80	13:1 :0		46.0	583.84			
10/13/80	13:2 :0		46.0	584.38			
10/13/80	13:3 :0		46.0	584.94			
10/13/80	13:4 :0		46.0	585.50			
10/13/80	13:5 :0		46.0	586.10			
10/13/80	13:6 :0		46.0	586.54			
10/13/80	13:7 :0		46.0	587.00			
10/13/80	13:8 :0		46.0	587.52			
10/13/80	13:9 :0		46.0	587.99			
10/13/80	13:10:0		46.0	588.46			
10/13/80	13:11:0		46.0	589.00			
10/13/80	13:12:0		46.0	589.32			
10/13/80	13:13:0		46.0	589.68			
10/13/80	13:14:0		46.0	589.97			
10/13/80	13:15:0		46.0	590.28			
10/13/80	13:16:0		46.0	590.59			
10/13/80	13:17:0		46.0	590.91			
10/13/80	13:18:0		46.0	591.19			
10/13/80	13:19:0		46.0	591.49			
10/13/80	13:20:0		46.0	591.76			
10/13/80	13:21:0		46.0	591.99			
10/13/80	13:22:0		46.0	592.38			
10/13/80	13:23:0		46.0	592.78			
10/13/80	13:24:0		46.0	593.21			
10/13/80	13:25:0		46.0	593.59			
10/13/80	13:26:0		46.0	594.02			
10/13/80	13:27:0		46.0	594.46			
10/13/80	13:28:0		46.0	594.78			
10/13/80	13:29:0		46.0	595.09			
10/13/80	13:30:0		46.0	595.36			
10/13/80	13:31:0		46.0	595.65			
10/13/80	13:32:0		46.0	596.00			
10/13/80	13:33:0		46.0	596.27			
10/13/80	13:34:0		46.0	596.54			
10/13/80	13:35:0		46.0	596.87			
10/13/80	13:36:0		46.0	597.31			
10/13/80	13:37:0		46.0	597.66			
10/13/80	13:38:0		46.0	598.04			
10/13/80	13:39:0		46.0	598.39			
10/13/80	13:40:0		46.0	598.66			
10/13/80	13:41:0		46.0	599.01			
10/13/80	13:42:0		46.0	599.43			
10/13/80	13:43:0		46.0	600.02			
10/13/80	13:44:0		46.0	600.76			
10/13/80	13:45:0		46.0	601.11			
10/13/80	13:46:0		46.0	601.75			
10/13/80	13:47:0		46.0	602.41			
10/13/80	13:48:0		46.0	616.45			
10/13/80	13:49:0		46.0	629.14			
10/13/80	13:50:0		46.0	632.03			
10/13/80	13:51:0		46.0	630.05			
10/13/80	13:52:0		46.0	628.95			
10/13/80	13:53:0		46.0	627.87			

GO WIRELINE SERVICES
PRESSURE BUILD-UP SURVEY

Well No.: SB#18 Date: 10/13/80 Gradient: 0.000PSI/ft
Tool positioned at: 2085 MD. 2085 TVD. 2085 S.S.

$\frac{T+dt}{dt}$	Time	dt(hrs)	deg F	P (PSIA)	P @ 2085	Delta P	Comments
10/13/80	13:54:0		46.0	626.83			
10/13/80	13:55:0		46.0	626.00			
10/13/80	13:56:0		46.0	625.24			
10/13/80	13:57:0		46.0	624.43			
10/13/80	13:58:0		46.0	623.80			
10/13/80	13:59:0		46.0	623.10			
10/13/80	14:0 :0		46.0	622.53			
10/13/80	14:1 :0		46.0	621.95			
10/13/80	14:2 :0		46.0	621.46			
10/13/80	14:3 :0		46.0	620.91			
10/13/80	14:4 :0		46.0	620.44			
10/13/80	14:5 :0		46.0	620.03			
10/13/80	14:6 :0		46.0	619.56			
10/13/80	14:7 :0		46.0	619.11			
10/13/80	14:8 :0		46.0	618.69			
10/13/80	14:9 :0		46.0	618.26			
10/13/80	14:10:0		46.0	617.84			LOST POWER-14.17
10/13/80	14:18:0		46.0	615.82			
10/13/80	14:19:0		46.0	615.59			
10/13/80	14:20:0		46.0	615.33			
10/13/80	14:21:0		46.0	615.06			
10/13/80	14:22:0		46.0	614.81			
10/13/80	14:23:0		46.0	614.60			
10/13/80	14:24:0		46.0	614.47			
10/13/80	14:25:0		46.0	614.33			
10/13/80	14:26:0		46.0	614.24			
10/13/80	14:27:0		46.0	613.99			
10/13/80	14:28:0		46.0	613.75			
10/13/80	14:29:0		46.0	613.46			
10/13/80	14:30:0		46.0	613.20			
10/13/80	14:31:0		46.0	613.05			
10/13/80	14:32:0		46.0	612.96			
10/13/80	14:33:0		46.0	612.89			
10/13/80	14:34:0		46.0	612.78			
10/13/80	14:35:0		46.0	612.66			
10/13/80	14:36:0		46.0	612.48			
10/13/80	14:37:0		46.0	612.31			
10/13/80	14:38:0		46.0	612.13			
10/13/80	14:39:0		46.0	612.06			
10/13/80	14:40:0		46.0	612.12			
10/13/80	14:41:0		46.0	612.15			
10/13/80	14:42:0		46.0	611.98			
10/13/80	14:43:0		46.0	611.79			
10/13/80	14:44:0		46.0	611.65			
10/13/80	14:45:0		46.0	611.48			
10/13/80	14:46:0		46.0	611.40			
10/13/80	14:47:0		46.0	611.26			
10/13/80	14:48:0		46.0	611.21			
10/13/80	14:49:0		46.0	611.09			
10/13/80	14:50:0		46.0	611.02			
10/13/80	14:51:0		46.0	610.89			
10/13/80	14:52:0		46.0	610.84			
10/13/80	14:53:0		46.0	610.80			
10/13/80	14:54:0		46.0	610.73			
10/13/80	14:55:0		46.0	610.62			

GO WIRELINE SERVICES
PRESSURE BUILD-UP SURVEY

Well No.: SB#19 Date: 10/13/80 Gradient: 0.000PSI/ft
Tool positioned at: 2085 MD. 2085 TVD. 2085 S.S.

<u>I+dt</u> dt	Time	dt(hrs)	deg F	P (PSIA)	P @ 2085	Delta P	Comments
10/13/80	14:56:0		46.0	610.54			
10/13/80	14:57:0		46.0	610.47			
10/13/80	14:58:0		46.0	610.50			
10/13/80	14:59:0		46.0	610.52			
10/13/80	15:0:0		46.0	610.59			
10/13/80	15:1:0		46.0	610.63			
10/13/80	15:2:0		46.0	610.62			
10/13/80	15:3:0		46.0	610.65			
10/13/80	15:4:0		46.0	620.60			
10/13/80	15:5:0		46.0	633.72			CHOKED 6/64
10/13/80	15:6:0		46.0	646.10			
10/13/80	15:7:0		46.0	657.72			
10/13/80	15:8:0		46.0	668.78			
10/13/80	15:9:0		46.0	679.34			
10/13/80	15:10:0		46.0	681.33			
10/13/80	15:11:0		46.0	688.91			
10/13/80	15:12:0		46.0	696.06			
10/13/80	15:13:0		46.0	702.85			
10/13/80	15:14:0		46.0	709.44			
10/13/80	15:15:0		46.0	715.71			
10/13/80	15:16:0		46.0	721.85			
10/13/80	15:17:0		46.0	727.69			
10/13/80	15:18:0		46.0	733.32			
10/13/80	15:19:0		46.0	738.76			
10/13/80	15:20:0		46.0	744.06			
10/13/80	15:21:0		46.0	749.14			
10/13/80	15:22:0		46.0	754.05			
10/13/80	15:23:0		46.0	758.84			
10/13/80	15:24:0		46.0	763.47			
10/13/80	15:25:0		46.0	767.89			
10/13/80	15:26:0		46.0	772.18			
10/13/80	15:27:0		46.0	776.53			
10/13/80	15:28:0		46.0	780.50			
10/13/80	15:29:0		46.0	784.30			
10/13/80	15:30:0		46.0	787.99			
10/13/80	15:31:0		46.0	791.58			
10/13/80	15:32:0		46.0	796.55			
10/13/80	15:33:0		46.0	802.69			
10/13/80	15:34:0		46.0	808.22			
10/13/80	15:35:0		46.0	813.42			
10/13/80	15:36:0		46.0	810.46			
10/13/80	15:37:0		46.0	813.48			
10/13/80	15:38:0		46.0	816.07			
10/13/80	15:39:0		46.0	818.60			
10/13/80	15:40:0		46.0	821.04			
10/13/80	15:41:0		46.0	823.41			
10/13/80	15:42:0		46.0	825.70			
10/13/80	15:43:0		46.0	830.07			
10/13/80	15:44:0		46.0	834.95			
10/13/80	15:45:0		46.0	839.33			
10/13/80	15:46:0		46.0	833.65			
10/13/80	15:47:0		46.0	827.94			CHOKED 12/64
10/13/80	15:48:0		46.0	822.44			
10/13/80	15:49:0		46.0	817.81			
10/13/80	15:50:0		46.0	813.36			

GD WIRELINE SERVICES
PRESSURE BUILD-UP SURVEY

Well No.: SB#19 Date: 10/13/80 Gradient: 0.000PSI/ft
Tool positioned at: 2085 MD. 2085 TVD. 2085 S.S.

$\frac{T+dt}{dt}$	Time	dt(hrs)	deg F	P (PSIA)	P @ 2085	Delta P	Comments
10/13/80	15:51:0		46.0	809.71			
10/13/80	15:52:0		46.0	806.60			
10/13/80	15:53:0		46.0	803.69			
10/13/80	15:54:0		46.0	800.50			
10/13/80	15:55:0		46.0	797.95			
10/13/80	15:56:0		46.0	795.38			
10/13/80	15:57:0		46.0	792.86			
10/13/80	15:58:0		46.0	790.64			
10/13/80	15:59:0		46.0	788.58			
10/13/80	16:0 :0		46.0	786.43			
10/13/80	16:1 :0		46.0	784.28			
10/13/80	16:2 :0		46.0	782.36			
10/13/80	16:3 :0		46.0	780.86			
10/13/80	16:4 :0		46.0	779.58			
10/13/80	16:5 :0		46.0	777.88			
10/13/80	16:6 :0		46.0	776.44			
10/13/80	16:7 :0		46.0	774.89			
10/13/80	16:8 :0		46.0	773.43			
10/13/80	16:9 :0		46.0	772.36			
10/13/80	16:10:0		46.0	770.90			
10/13/80	16:11:0		46.0	769.54			
10/13/80	16:12:0		46.0	768.54			
10/13/80	16:13:0		46.0	767.71			
10/13/80	16:14:0		46.0	766.71			
10/13/80	16:15:0		46.0	765.49			
10/13/80	16:16:0		46.0	764.95			
10/13/80	16:17:0		46.0	764.03			
10/13/80	16:18:0		46.0	762.91			
10/13/80	16:19:0		46.0	761.93			
10/13/80	16:20:0		46.0	760.98			
10/13/80	16:21:0		46.0	760.29			
10/13/80	16:22:0		46.0	759.66			
10/13/80	16:23:0		46.0	759.05			
10/13/80	16:24:0		46.0	758.04			
10/13/80	16:25:0		46.0	757.31			
10/13/80	16:26:0		46.0	756.39			
10/13/80	16:27:0		46.0	755.93			
10/13/80	16:28:0		46.0	755.40			
10/13/80	16:29:0		46.0	754.29			
10/13/80	16:30:0		46.0	753.71			
10/13/80	16:31:0		46.0	752.74			
10/13/80	16:32:0		46.0	752.09			
10/13/80	16:33:0		46.0	751.37			
10/13/80	16:34:0		46.0	750.82			
10/13/80	16:35:0		46.0	750.14			
10/13/80	16:36:0		46.0	749.55			
10/13/80	16:37:0		46.0	749.02			
10/13/80	16:38:0		46.0	748.25			
10/13/80	16:39:0		46.0	747.61			
10/13/80	16:40:0		46.0	746.69			
10/13/80	16:41:0		46.0	746.14			
10/13/80	16:42:0		46.0	745.84			
10/13/80	16:43:0		46.0	745.34			
10/13/80	16:44:0		46.0	744.69			
10/13/80	16:45:0		46.0	744.37			

GO WIRELINE SERVICES
PRESSURE BUILD-UP SURVEY

Well No.: SB#18 Date: 10/13/80 Gradient: 0.000PSI/ft
Tool positioned at: 2085 MD. 2085 TVD. 2085 S.S.

$\frac{I \cdot dt}{dt}$	Time	dt(hrs)	deg F	P (PSIA)	P @ 2085	Delta P	Comments
	10/13/80 16:46:0		46.0	744.10			
	10/13/80 16:47:0		46.0	743.31			
	10/13/80 16:48:0		46.0	742.67			
	10/13/80 16:49:0		46.0	742.33			
	10/13/80 16:50:0		46.0	742.06			
	10/13/80 16:51:0		46.0	741.94			
	10/13/80 16:52:0		46.0	741.25			
	10/13/80 16:53:0		46.0	740.86			
	10/13/80 16:54:0		46.0	740.27			
	10/13/80 16:55:0		46.0	739.61			
	10/13/80 16:56:0		46.0	739.28			
	10/13/80 16:57:0		46.0	738.67			
	10/13/80 16:58:0		46.0	738.49			
	10/13/80 16:59:0		46.0	738.45			
	10/13/80 17:0 :0		46.0	738.48			
	10/13/80 17:1 :0		46.0	738.41			
	10/13/80 17:2 :0		46.0	738.19			
	10/13/80 17:3 :0		46.0	737.78			
	10/13/80 17:4 :0		46.0	737.60			
	10/13/80 17:5 :0		46.0	737.56			
	10/13/80 17:6 :0		46.0	737.68			
	10/13/80 17:7 :0		46.0	737.66			
	10/13/80 17:8 :0		46.0	738.02			
	10/13/80 17:9 :0		46.0	738.66			
	10/13/80 17:10:0		46.0	738.23			
	10/13/80 17:11:0		46.0	737.39			
	10/13/80 17:12:0		46.0	736.72			
	10/13/80 17:13:0		46.0	736.37			
	10/13/80 17:14:0		46.0	735.87			
	10/13/80 17:15:0		46.0	735.15			
	10/13/80 17:16:0		46.0	734.58			
	10/13/80 17:17:0		46.0	734.12			
	10/13/80 17:18:0		46.0	733.38			
	10/13/80 17:19:0		46.0	732.68			
	10/13/80 17:20:0		46.0	732.23			
	10/13/80 17:21:0		46.0	731.59			
	10/13/80 17:22:0		46.0	730.98			
	10/13/80 17:23:0		46.0	730.66			
	10/13/80 17:24:0		46.0	730.14			
	10/13/80 17:25:0		46.0	729.82			
	10/13/80 17:26:0		46.0	729.46			
	10/13/80 17:27:0		46.0	728.98			
	10/13/80 17:28:0		46.0	728.95			
	10/13/80 17:29:0		46.0	728.46			
	10/13/80 17:30:0		46.0	727.94			
	10/13/80 17:31:0		46.0	728.05			
	10/13/80 17:32:0		46.0	727.95			
	10/13/80 17:33:0		46.0	727.49			
	10/13/80 17:34:0		46.0	727.32			
	10/13/80 17:35:0		46.0	727.34			
	10/13/80 17:36:0		46.0	727.15			
	10/13/80 17:37:0		46.0	726.80			
	10/13/80 17:38:0		46.0	726.46			
	10/13/80 17:39:0		46.0	726.53			
	10/13/80 17:40:0		46.0	726.31			

GO WIRELINE SERVICES
PRESSURE BUILD-UP SURVEY

Well No.: SB#19 Date: 10/13/80 Gradient: 0.000PSI/ft
Tool positioned at: 2085 MD. 2085 TVD. 2085 S.S.

<u>T:dt</u> <u>dt</u>	<u>Time</u>	<u>dt(hrs)</u>	<u>deg F</u>	<u>P (PSIA)</u>	<u>P @ 2085</u>	<u>Delta P</u>	<u>Comments</u>
10/13/80	17:41:0		46.0	726.49			
10/13/80	17:42:0		46.0	725.97			
10/13/80	17:43:0		46.0	725.48			
10/13/80	17:44:0		46.0	725.07			
10/13/80	17:45:0		46.0	724.80			
10/13/80	17:46:0		46.0	724.36			
10/13/80	17:47:0		46.0	724.13			
10/13/80	17:48:0		46.0	723.97			
10/13/80	17:49:0		46.0	724.14			
10/13/80	17:50:0		46.0	724.24			
10/13/80	17:51:0		46.0	724.23			
10/13/80	17:52:0		46.0	724.01			
10/13/80	17:53:0		46.0	723.87			
10/13/80	17:54:0		46.0	723.91			
10/13/80	17:55:0		46.0	723.91			
10/13/80	17:56:0		46.0	723.59			
10/13/80	17:57:0		46.0	723.93			
10/13/80	17:58:0		46.0	724.33			
10/13/80	17:59:0		46.0	724.96			
10/13/80	18:0 :0		46.0	724.47			
10/13/80	18:1 :0		46.0	724.53			
10/13/80	18:2 :0		46.0	724.40			
10/13/80	18:3 :0		46.0	724.31			
10/13/80	18:4 :0		46.0	724.09			
10/13/80	18:5 :0		46.0	724.31			
10/13/80	18:6 :0		46.0	723.71			
10/13/80	18:7 :0		46.0	723.66			
10/13/80	18:8 :0		46.0	723.75			
10/13/80	18:8 :0		46.0	723.75			
10/13/80	18:9 :0		46.0	724.19			
10/13/80	18:10:0		46.0	724.01			
10/13/80	18:11:0		46.0	723.97			
10/13/80	18:12:0		46.0	724.14			
10/13/80	18:13:0		46.0	724.64			
10/13/80	18:14:0		46.0	724.66			
10/13/80	18:15:0		46.0	724.16			
10/13/80	18:21:0		46.0	741.71			CHOKE 20/64
10/13/80	18:22:0		46.0	724.36			SHUT-IN FOR ABOVE
10/13/80	18:23:0		46.0	708.76			CHOKE CHANGE
10/13/80	18:24:0		46.0	694.70			
10/13/80	18:25:0		46.0	680.77			
10/13/80	18:26:0		46.0	668.51			
10/13/80	18:27:0		46.0	656.53			
10/13/80	18:28:0		46.0	645.15			
10/13/80	18:29:0		46.0	634.00			
10/13/80	18:30:0		46.0	623.03			
10/13/80	18:31:0		46.0	612.48			
10/13/80	18:32:0		46.0	602.30			
10/13/80	18:33:0		46.0	592.69			
10/13/80	18:34:0		46.0	583.53			
10/13/80	18:35:0		46.0	574.90			
10/13/80	18:36:0		46.0	566.26			
10/13/80	18:37:0		46.0	558.22			
10/13/80	18:38:0		46.0	550.41			
10/13/80	18:39:0		46.0	542.86			

GO WIRELINE SERVICES
PRESSURE BUILD-UP SURVEY

Well No.: SB#19 Date: 10/13/80 Gradient: 0.000PSI/ft
Tool positioned at: 2085 MD. 2085 TVD. 2085 S.S.

<u>T+dt</u> <u>dt</u>	<u>Time</u>	<u>dt(hrs)</u>	<u>deg F</u>	<u>P (PSIA)</u>	<u>P @ 2085</u>	<u>Delta P</u>	<u>Comments</u>
10/13/80	18:40:0		46.0	535.69			
10/13/80	18:41:0		46.0	528.68			
10/13/80	18:42:0		46.0	521.92			
10/13/80	18:43:0		46.0	515.60			
10/13/80	18:44:0		46.0	509.44			
10/13/80	18:45:0		46.0	503.80			
10/13/80	18:46:0		46.0	499.51			
10/13/80	18:47:0		46.0	493.37			
10/13/80	18:48:0		46.0	488.78			
10/13/80	18:49:0		46.0	484.48			
10/13/80	18:50:0		46.0	480.49			
10/13/80	18:51:0		46.0	476.69			
10/13/80	18:52:0		46.0	473.29			
10/13/80	18:53:0		46.0	469.98			
10/13/80	18:54:0		46.0	467.01			
10/13/80	18:55:0		46.0	464.18			
10/13/80	18:56:0		46.0	461.57			
10/13/80	18:57:0		46.0	459.06			
10/13/80	18:58:0		46.0	456.76			
10/13/80	18:59:0		46.0	454.63			
10/13/80	19:0 :0		46.0	452.65			
10/13/80	19:1 :0		46.0	450.80			
10/13/80	19:2 :0		46.0	449.11			
10/13/80	19:3 :0		46.0	447.52			
10/13/80	19:4 :0		46.0	446.12			
10/13/80	19:5 :0		46.0	444.97			
10/13/80	19:6 :0		46.0	443.83			
10/13/80	19:7 :0		46.0	442.72			
10/13/80	19:8 :0		46.0	441.75			
10/13/80	19:9 :0		46.0	440.77			
10/13/80	19:10:0		46.0	439.85			
10/13/80	19:11:0		46.0	438.96			
10/13/80	19:12:0		46.0	438.19			
10/13/80	19:13:0		46.0	437.45			
10/13/80	19:14:0		46.0	436.80			
10/13/80	19:15:0		46.0	436.18			
10/13/80	19:16:0		46.0	435.63			
10/13/80	19:17:0		46.0	435.09			
10/13/80	19:18:0		46.0	434.63			
10/13/80	19:19:0		46.0	434.20			
10/13/80	19:20:0		46.0	433.81			
10/13/80	19:21:0		46.0	433.48			
10/13/80	19:22:0		46.0	433.20			
10/13/80	19:23:0		46.0	432.95			
10/13/80	19:24:0		46.0	432.72			
10/13/80	19:25:0		46.0	432.55			
10/13/80	19:26:0		46.0	432.43			
10/13/80	19:27:0		46.0	432.22			
10/13/80	19:28:0		46.0	432.12			
10/13/80	19:29:0		46.0	432.10			
10/13/80	19:30:0		46.0	432.07			
10/13/80	19:31:0		46.0	432.12			
10/13/80	19:32:0		46.0	432.27			
10/13/80	19:33:0		46.0	432.50			
10/13/80	19:34:0		46.0	432.69			

GO WIRELINE SERVICES
PRESSURE BUILD-UP SURVEY

Well No.: SB#19 Date: 10/13/80 Gradient: 0.000PSI/ft
Tool positioned at: 2085 MD. 2085 TVD. 2085 S.S.

$\frac{T+dt}{dt}$	Time	dt(hrs)	deg F	P (PSIA)	P @ 2085	Delta P	Comments
10/13/80	19:35:0		46.0	432.79			
10/13/80	19:36:0		46.0	432.89			
10/13/80	19:37:0		46.0	433.01			
10/13/80	19:38:0		46.0	433.07			
10/13/80	19:39:0		46.0	433.16			
10/13/80	19:40:0		46.0	433.28			
10/13/80	19:41:0		46.0	433.33			
10/13/80	19:42:0		46.0	433.41			
10/13/80	19:43:0		46.0	433.43			
10/13/80	19:44:0		46.0	433.49			
10/13/80	19:45:0		46.0	433.54			
10/13/80	19:46:0		46.0	433.66			
10/13/80	19:47:0		46.0	433.72			
10/13/80	19:48:0		46.0	433.83			
10/13/80	19:49:0		46.0	434.00			
10/13/80	19:50:0		46.0	434.14			
10/13/80	19:51:0		46.0	434.30			
10/13/80	19:52:0		46.0	434.55			
10/13/80	19:53:0		46.0	434.85			
10/13/80	19:54:0		46.0	435.16			
10/13/80	19:55:0		46.0	435.39			
10/13/80	19:56:0		46.0	435.72			
10/13/80	19:57:0		46.0	436.09			
10/13/80	19:58:0		46.0	436.34			
10/13/80	19:59:0		46.0	436.64			
10/13/80	20:0 :0		46.0	436.86			
10/13/80	20:1 :0		46.0	437.07			
10/13/80	20:2 :0		46.0	437.46			
10/13/80	20:3 :0		46.0	437.65			
10/13/80	20:4 :0		46.0	437.81			
10/13/80	20:5 :0		46.0	437.94			
10/13/80	20:6 :0		46.0	438.07			
10/13/80	20:7 :0		46.0	438.17			
10/13/80	20:8 :0		46.0	438.25			
10/13/80	20:9 :0		46.0	438.36			
10/13/80	20:10:0		46.0	438.42			
10/13/80	20:11:0		46.0	438.49			
10/13/80	20:12:0		46.0	438.57			
10/13/80	20:13:0		46.0	438.61			
10/13/80	20:14:0		46.0	438.69			
10/13/80	20:15:0		46.0	438.81			
10/13/80	20:16:0		46.0	439.02			
10/13/80	20:17:0		46.0	439.19			
10/13/80	20:18:0		46.0	439.30			
10/13/80	20:19:0		46.0	439.42			
10/13/80	20:20:0		46.0	439.52			
	20:21:0		46.0	439.63	439.63		
6.100E 01	20:22:0	0.017	46.0	452.35	452.35	12.72	WELL SHUT-IN
3.100E 01	20:23:0	0.033	46.0	471.30	471.30	31.67	10/13/80
2.100E 01	20:24:0	0.050	46.0	489.49	489.49	49.86	10/13/80
1.600E 01	20:25:0	0.067	46.0	507.06	507.06	67.43	10/13/80
1.300E 01	20:26:0	0.083	46.0	523.96	523.96	84.33	10/13/80
1.100E 01	20:27:0	0.100	46.0	540.24	540.24	100.61	10/13/80
9.571E 00	20:28:0	0.117	46.0	555.94	555.94	116.31	10/13/80
8.500E 00	20:29:0	0.133	46.0	571.02	571.02	131.39	10/13/80

GO WIRELINE SERVICES
PRESSURE BUILD-UP SURVEY

Well No.: SB#18 Date: 10/13/80 Gradient: 0.000PSI/ft
Tool positioned at: 2085 MD. 2085 TVD. 2085 S.S.

$\frac{T+dt}{dt}$	Time	dt(hrs)	deg F	P (PSIA)	P @ 2085	Delta P	Comments
7.667E 00	20:30:0	0.150	46.0	585.52	585.52	145.89	10/13/80
7.000E 00	20:31:0	0.167	46.0	599.49	599.49	159.86	10/13/80
6.455E 00	20:32:0	0.183	46.0	612.98	612.98	173.35	10/13/80
6.000E 00	20:33:0	0.200	46.0	625.93	625.93	186.30	10/13/80
5.615E 00	20:34:0	0.217	46.0	638.49	638.49	198.86	10/13/80
5.286E 00	20:35:0	0.233	46.0	650.50	650.50	210.87	10/13/80
5.000E 00	20:36:0	0.250	46.0	662.06	662.06	222.43	10/13/80
4.750E 00	20:37:0	0.267	46.0	673.21	673.21	233.58	10/13/80
4.529E 00	20:38:0	0.283	46.0	683.89	683.89	244.26	10/13/80
4.333E 00	20:39:0	0.300	46.0	694.21	694.21	254.58	10/13/80
4.158E 00	20:40:0	0.317	46.0	704.12	704.12	264.49	10/13/80
4.000E 00	20:41:0	0.333	46.0	713.65	713.65	274.02	10/13/80
3.857E 00	20:42:0	0.350	46.0	722.75	722.75	283.12	10/13/80
3.727E 00	20:43:0	0.367	46.0	731.51	731.51	291.88	10/13/80
3.609E 00	20:44:0	0.383	46.0	739.90	739.90	300.27	10/13/80
3.500E 00	20:45:0	0.400	46.0	747.98	747.98	308.35	10/13/80
3.400E 00	20:46:0	0.417	46.0	755.68	755.68	316.05	10/13/80
3.308E 00	20:47:0	0.433	46.0	763.06	763.06	323.43	10/13/80
3.222E 00	20:48:0	0.450	46.0	770.10	770.10	330.47	10/13/80
3.143E 00	20:49:0	0.467	46.0	776.87	776.87	337.24	10/13/80
3.069E 00	20:50:0	0.483	46.0	783.32	783.32	343.69	10/13/80
3.000E 00	20:51:0	0.500	46.0	789.47	789.47	349.84	10/13/80
2.935E 00	20:52:0	0.517	46.0	795.36	795.36	355.73	10/13/80
2.875E 00	20:53:0	0.533	46.0	801.01	801.01	361.38	10/13/80
2.818E 00	20:54:0	0.550	46.0	806.37	806.37	366.74	10/13/80
2.765E 00	20:55:0	0.567	46.0	811.52	811.52	371.89	10/13/80
2.714E 00	20:56:0	0.583	46.0	816.40	816.40	376.77	10/13/80
2.667E 00	20:57:0	0.600	46.0	821.09	821.09	381.46	10/13/80
2.622E 00	20:58:0	0.617	46.0	825.53	825.53	385.90	10/13/80
2.579E 00	20:59:0	0.633	46.0	829.79	829.79	390.16	10/13/80
2.538E 00	21:0 :0	0.650	46.0	833.83	833.83	394.20	10/13/80
2.500E 00	21:1 :0	0.667	46.0	837.71	837.71	398.08	10/13/80
2.463E 00	21:2 :0	0.683	46.0	841.39	841.39	401.76	10/13/80
2.429E 00	21:3 :0	0.700	46.0	844.93	844.93	405.30	10/13/80
2.395E 00	21:4 :0	0.717	46.0	848.27	848.27	408.64	10/13/80
2.364E 00	21:5 :0	0.733	46.0	851.50	851.50	411.87	10/13/80
2.333E 00	21:6 :0	0.750	46.0	854.53	854.53	414.90	10/13/80
2.304E 00	21:7 :0	0.767	46.0	857.47	857.47	417.84	10/13/80
2.277E 00	21:8 :0	0.783	46.0	860.26	860.26	420.63	10/13/80
2.250E 00	21:9 :0	0.800	46.0	862.96	862.96	423.33	10/13/80
2.224E 00	21:10:0	0.817	46.0	865.49	865.49	425.86	10/13/80
2.200E 00	21:11:0	0.833	46.0	867.97	867.97	428.34	10/13/80
2.176E 00	21:12:0	0.850	46.0	870.32	870.32	430.69	10/13/80
2.154E 00	21:13:0	0.867	46.0	872.55	872.55	432.92	10/13/80
2.132E 00	21:14:0	0.883	46.0	874.67	874.67	435.04	10/13/80
2.111E 00	21:15:0	0.900	46.0	876.72	876.72	437.09	10/13/80
2.091E 00	21:16:0	0.917	46.0	878.70	878.70	439.07	10/13/80
2.071E 00	21:17:0	0.933	46.0	880.62	880.62	440.99	10/13/80
2.053E 00	21:18:0	0.950	46.0	882.44	882.44	442.81	10/13/80
2.034E 00	21:19:0	0.967	46.0	884.19	884.19	444.56	10/13/80
2.017E 00	21:20:0	0.983	46.0	885.87	885.87	446.24	10/13/80
2.000E 00	21:21:0	1.000	46.0	887.48	887.48	447.85	10/13/80
1.984E 00	21:22:0	1.017	46.0	889.04	889.04	449.41	10/13/80
1.968E 00	21:23:0	1.033	46.0	890.52	890.52	450.89	10/13/80
1.952E 00	21:24:0	1.050	46.0	891.89	891.89	452.26	10/13/80

GO WIRELINE SERVICES
PRESSURE BUILD-UP SURVEY

Well No.: SB#18 Date: 10/13/80 Gradient: 0.000PSI/ft
Tool positioned at: 2085 MD. 2085 TVD. 2085 S.S.

$\frac{T+dt}{dt}$	Time	dt(hrs)	deg F	P (PSIA)	P @ 2085	Delta P	Comments
1.938E 00	21:25:0	1.067	46.0	893.30	893.30	453.67	10/13/80
1.923E 00	21:26:0	1.083	46.0	894.63	894.63	455.00	10/13/80
1.909E 00	21:27:0	1.100	46.0	895.95	895.95	456.32	10/13/80
1.896E 00	21:28:0	1.117	46.0	897.19	897.19	457.56	10/13/80
1.882E 00	21:29:0	1.133	46.0	898.40	898.40	458.77	10/13/80
1.870E 00	21:30:0	1.150	46.0	899.56	899.56	459.93	10/13/80
1.857E 00	21:31:0	1.167	46.0	900.67	900.67	461.04	10/13/80
1.845E 00	21:32:0	1.183	46.0	901.76	901.76	462.13	10/13/80
1.833E 00	21:33:0	1.200	46.0	902.81	902.81	463.18	10/13/80
1.822E 00	21:34:0	1.217	46.0	903.82	903.82	464.19	10/13/80
1.811E 00	21:35:0	1.233	46.0	904.82	904.82	465.19	10/13/80
1.800E 00	21:36:0	1.250	46.0	905.75	905.75	466.12	10/13/80
1.789E 00	21:37:0	1.267	46.0	906.68	906.68	467.05	10/13/80
1.779E 00	21:38:0	1.283	46.0	907.57	907.57	467.94	10/13/80
1.769E 00	21:39:0	1.300	46.0	908.43	908.43	468.80	10/13/80
1.759E 00	21:40:0	1.317	46.0	909.28	909.28	469.65	10/13/80
1.750E 00	21:41:0	1.333	46.0	910.09	910.09	470.46	10/13/80
1.741E 00	21:42:0	1.350	46.0	910.89	910.89	471.26	10/13/80
1.732E 00	21:43:0	1.367	46.0	911.66	911.66	472.03	10/13/80
1.723E 00	21:44:0	1.383	46.0	912.39	912.39	472.76	10/13/80
1.714E 00	21:45:0	1.400	46.0	913.12	913.12	473.49	10/13/80
1.706E 00	21:46:0	1.417	46.0	913.84	913.84	474.21	10/13/80
1.698E 00	21:47:0	1.433	46.0	914.53	914.53	474.90	10/13/80
1.690E 00	21:48:0	1.450	46.0	915.17	915.17	475.54	10/13/80
1.682E 00	21:49:0	1.467	46.0	915.83	915.83	476.20	10/13/80
1.674E 00	21:50:0	1.483	46.0	916.45	916.45	476.82	10/13/80
1.667E 00	21:51:0	1.500	46.0	917.07	917.07	477.44	10/13/80
1.659E 00	21:52:0	1.517	46.0	917.68	917.68	478.05	10/13/80
1.652E 00	21:53:0	1.533	46.0	918.26	918.26	478.63	10/13/80
1.645E 00	21:54:0	1.550	46.0	918.83	918.83	479.20	10/13/80
1.638E 00	21:55:0	1.567	46.0	919.39	919.39	479.76	10/13/80
1.632E 00	21:56:0	1.583	46.0	919.92	919.92	480.29	10/13/80
1.625E 00	21:57:0	1.600	46.0	920.42	920.42	480.79	10/13/80
1.619E 00	21:58:0	1.617	46.0	920.96	920.96	481.33	10/13/80
1.612E 00	21:59:0	1.633	46.0	921.46	921.46	481.83	10/13/80
1.606E 00	22:0 :0	1.650	46.0	921.96	921.96	482.33	10/13/80
1.600E 00	22:1 :0	1.667	46.0	922.44	922.44	482.81	10/13/80
1.594E 00	22:2 :0	1.683	46.0	922.89	922.89	483.26	10/13/80
1.588E 00	22:3 :0	1.700	46.0	923.35	923.35	483.72	10/13/80
1.583E 00	22:4 :0	1.717	46.0	923.80	923.80	484.17	10/13/80
1.577E 00	22:5 :0	1.733	46.0	924.25	924.25	484.62	10/13/80
1.571E 00	22:6 :0	1.750	46.0	924.69	924.69	485.06	10/13/80
1.566E 00	22:7 :0	1.767	46.0	925.11	925.11	485.48	10/13/80
1.561E 00	22:8 :0	1.783	46.0	925.52	925.52	485.89	10/13/80
1.556E 00	22:9 :0	1.800	46.0	925.92	925.92	486.29	10/13/80
1.550E 00	22:10:0	1.817	46.0	926.33	926.33	486.70	10/13/80
1.545E 00	22:11:0	1.833	46.0	926.72	926.72	487.09	10/13/80
1.541E 00	22:12:0	1.850	46.0	927.08	927.08	487.45	10/13/80
1.536E 00	22:13:0	1.867	46.0	927.47	927.47	487.84	10/13/80
1.531E 00	22:14:0	1.883	46.0	927.83	927.83	488.20	10/13/80
1.526E 00	22:15:0	1.900	46.0	928.19	928.19	488.56	10/13/80
1.522E 00	22:16:0	1.917	46.0	928.55	928.55	488.92	10/13/80
1.517E 00	22:17:0	1.933	46.0	928.89	928.89	489.26	10/13/80
1.513E 00	22:18:0	1.950	46.0	929.23	929.23	489.60	10/13/80
1.508E 00	22:19:0	1.967	46.0	929.56	929.56	489.93	10/13/80

GO WIRELINE SERVICES
PRESSURE BUILD-UP SURVEY

Well No.: SB#18 Date: 10/13/80 Gradient: 0.000PSI/ft
Tool positioned at: 2085 MD. 2085 TVD. 2085 S.S.

$\frac{T+dt}{dt}$	Time	dt(hrs)	deg F	P (PSIA)	P @ 2085	Delta P	Comments
1.504E 00	22:20:0	1.983	46.0	929.88	929.88	490.25	10/13/80
1.500E 00	22:21:0	2.000	46.0	930.21	930.21	490.58	10/13/80
1.496E 00	22:22:0	2.017	46.0	930.53	930.53	490.90	10/13/80
1.492E 00	22:23:0	2.033	46.0	930.84	930.84	491.21	10/13/80
1.488E 00	22:24:0	2.050	46.0	931.13	931.13	491.50	10/13/80
1.484E 00	22:25:0	2.067	46.0	931.43	931.43	491.80	10/13/80
1.480E 00	22:26:0	2.083	46.0	931.72	931.72	492.09	10/13/80
1.476E 00	22:27:0	2.100	46.0	932.02	932.02	492.39	10/13/80
1.472E 00	22:28:0	2.117	46.0	932.31	932.31	492.68	10/13/80
1.469E 00	22:29:0	2.133	46.0	932.59	932.59	492.96	10/13/80
1.465E 00	22:30:0	2.150	46.0	932.86	932.86	493.23	10/13/80
1.462E 00	22:31:0	2.167	46.0	933.14	933.14	493.51	10/13/80
1.458E 00	22:32:0	2.183	46.0	933.41	933.41	493.78	10/13/80
1.455E 00	22:33:0	2.200	46.0	933.66	933.66	494.03	10/13/80
1.451E 00	22:34:0	2.217	46.0	933.93	933.93	494.30	10/13/80
1.448E 00	22:35:0	2.233	46.0	934.16	934.16	494.53	10/13/80
1.444E 00	22:36:0	2.250	46.0	934.42	934.42	494.79	10/13/80
1.441E 00	22:37:0	2.267	46.0	934.67	934.67	495.04	10/13/80
1.438E 00	22:38:0	2.283	46.0	934.92	934.92	495.29	10/13/80
1.435E 00	22:39:0	2.300	46.0	935.15	935.15	495.52	10/13/80
1.432E 00	22:40:0	2.317	46.0	935.38	935.38	495.75	10/13/80
1.429E 00	22:41:0	2.333	46.0	935.62	935.62	495.99	10/13/80
1.426E 00	22:42:0	2.350	46.0	935.85	935.85	496.22	10/13/80
1.423E 00	22:43:0	2.367	46.0	936.08	936.08	496.45	10/13/80
1.420E 00	22:44:0	2.383	46.0	936.32	936.32	496.69	10/13/80
1.417E 00	22:45:0	2.400	46.0	936.54	936.54	496.91	10/13/80
1.414E 00	22:46:0	2.417	46.0	936.75	936.75	497.12	10/13/80
1.411E 00	22:47:0	2.433	46.0	936.96	936.96	497.33	10/13/80
1.408E 00	22:48:0	2.450	46.0	937.18	937.18	497.55	10/13/80
1.405E 00	22:49:0	2.467	46.0	937.39	937.39	497.76	10/13/80
1.403E 00	22:50:0	2.483	46.0	937.60	937.60	497.97	10/13/80
1.400E 00	22:51:0	2.500	46.0	937.79	937.79	498.16	10/13/80
1.397E 00	22:52:0	2.517	46.0	938.00	938.00	498.37	10/13/80
1.395E 00	22:53:0	2.533	46.0	938.20	938.20	498.57	10/13/80
1.392E 00	22:54:0	2.550	46.0	938.39	938.39	498.76	10/13/80
1.390E 00	22:55:0	2.567	46.0	938.58	938.58	498.95	10/13/80
1.387E 00	22:56:0	2.583	46.0	938.79	938.79	499.16	10/13/80
1.385E 00	22:57:0	2.600	46.0	939.00	939.00	499.37	10/13/80
1.382E 00	22:58:0	2.617	46.0	939.20	939.20	499.57	10/13/80
1.380E 00	22:59:0	2.633	46.0	939.40	939.40	499.77	10/13/80
1.377E 00	23:0:0	2.650	46.0	939.60	939.60	499.97	10/13/80
1.375E 00	23:1:0	2.667	46.0	939.78	939.78	500.15	10/13/80
1.373E 00	23:2:0	2.683	46.0	939.97	939.97	500.34	10/13/80
1.370E 00	23:3:0	2.700	46.0	940.15	940.15	500.52	10/13/80
1.368E 00	23:4:0	2.717	46.0	940.33	940.33	500.70	10/13/80
1.366E 00	23:5:0	2.733	46.0	940.51	940.51	500.88	10/13/80
1.364E 00	23:6:0	2.750	46.0	940.68	940.68	501.05	10/13/80
1.361E 00	23:7:0	2.767	46.0	940.84	940.84	501.21	10/13/80
1.359E 00	23:8:0	2.783	46.0	941.02	941.02	501.39	10/13/80
1.357E 00	23:9:0	2.800	46.0	941.21	941.21	501.58	10/13/80
1.355E 00	23:10:0	2.817	46.0	941.36	941.36	501.73	10/13/80
1.353E 00	23:11:0	2.833	46.0	941.54	941.54	501.91	10/13/80
1.351E 00	23:12:0	2.850	46.0	941.70	941.70	502.07	10/13/80
1.349E 00	23:13:0	2.867	46.0	941.87	941.87	502.24	10/13/80
1.347E 00	23:14:0	2.883	46.0	942.03	942.03	502.40	10/13/80

GO WIRELINE SERVICES
PRESSURE BUILD-UP SURVEY

Well No.: SB#18 Date: 10/13/80 Gradient: 0.000PSI/ft
Tool positioned at: 2085 MD. 2085 TVD. 2085 S.S.

$\frac{T+dt}{dt}$	Time	dt(hrs)	deg F	P (PSIA)	P @ 2085	Delta P	Comments
1.345E 00	23:15:0	2.900	46.0	942.20	942.20	502.57	10/13/80
1.343E 00	23:16:0	2.917	46.0	942.37	942.37	502.74	10/13/80
1.341E 00	23:17:0	2.933	46.0	942.51	942.51	502.88	10/13/80
1.339E 00	23:18:0	2.950	46.0	942.67	942.67	503.04	10/13/80
1.337E 00	23:19:0	2.967	46.0	942.81	942.81	503.18	10/13/80
1.335E 00	23:20:0	2.983	46.0	943.00	943.00	503.37	10/13/80
1.333E 00	23:21:0	3.000	46.0	943.14	943.14	503.51	10/13/80
1.331E 00	23:22:0	3.017	46.0	943.28	943.28	503.65	10/13/80
1.330E 00	23:23:0	3.033	46.0	943.45	943.45	503.82	10/13/80
1.328E 00	23:24:0	3.050	46.0	943.59	943.59	503.96	10/13/80
1.326E 00	23:25:0	3.067	46.0	943.75	943.75	504.12	10/13/80
1.324E 00	23:26:0	3.083	46.0	943.88	943.88	504.25	10/13/80
1.323E 00	23:27:0	3.100	46.0	944.03	944.03	504.40	10/13/80
1.321E 00	23:28:0	3.117	46.0	944.17	944.17	504.54	10/13/80
1.319E 00	23:29:0	3.133	46.0	944.32	944.32	504.69	10/13/80
1.317E 00	23:30:0	3.150	46.0	944.47	944.47	504.84	10/13/80
1.316E 00	23:31:0	3.167	46.0	944.61	944.61	504.98	10/13/80
1.314E 00	23:32:0	3.183	46.0	944.74	944.74	505.11	10/13/80
1.313E 00	23:33:0	3.200	46.0	944.89	944.89	505.26	10/13/80
1.311E 00	23:34:0	3.217	46.0	945.03	945.03	505.40	10/13/80
1.309E 00	23:35:0	3.233	46.0	945.17	945.17	505.54	10/13/80
1.308E 00	23:36:0	3.250	46.0	945.29	945.29	505.66	10/13/80
1.306E 00	23:37:0	3.267	46.0	945.42	945.42	505.79	10/13/80
1.305E 00	23:38:0	3.283	46.0	945.56	945.56	505.93	10/13/80
1.303E 00	23:39:0	3.300	46.0	945.69	945.69	506.06	10/13/80
1.302E 00	23:40:0	3.317	46.0	945.80	945.80	506.17	10/13/80
1.300E 00	23:41:0	3.333	46.0	945.95	945.95	506.32	10/13/80
1.299E 00	23:42:0	3.350	46.0	946.08	946.08	506.45	10/13/80
1.297E 00	23:43:0	3.367	46.0	946.21	946.21	506.58	10/13/80
1.296E 00	23:44:0	3.383	46.0	946.33	946.33	506.70	10/13/80
1.294E 00	23:45:0	3.400	46.0	946.46	946.46	506.83	10/13/80
1.293E 00	23:46:0	3.417	46.0	946.60	946.60	506.97	10/13/80
1.291E 00	23:47:0	3.433	46.0	946.71	946.71	507.08	10/13/80
1.290E 00	23:48:0	3.450	46.0	946.82	946.82	507.19	10/13/80
1.288E 00	23:49:0	3.467	46.0	946.95	946.95	507.32	10/13/80
1.287E 00	23:50:0	3.483	46.0	947.07	947.07	507.44	10/13/80
1.286E 00	23:51:0	3.500	46.0	947.18	947.18	507.55	10/13/80
1.284E 00	23:52:0	3.517	46.0	947.31	947.31	507.68	10/13/80
1.283E 00	23:53:0	3.533	46.0	947.43	947.43	507.80	10/13/80
1.282E 00	23:54:0	3.550	46.0	947.52	947.52	507.89	10/13/80
1.280E 00	23:55:0	3.567	46.0	947.66	947.66	508.03	10/13/80
1.279E 00	23:56:0	3.583	46.0	947.75	947.75	508.12	10/13/80
1.278E 00	23:57:0	3.600	46.0	947.89	947.89	508.26	10/13/80
1.276E 00	23:58:0	3.617	46.0	948.01	948.01	508.38	10/13/80
1.275E 00	23:59:0	3.633	46.0	948.10	948.10	508.47	10/13/80
1.274E 00	0:0:0	3.650	46.0	948.24	948.24	508.61	10/14/80
1.273E 00	0:1:0	3.667	46.0	948.35	948.35	508.72	10/14/80
1.271E 00	0:2:0	3.683	46.0	948.46	948.46	508.83	10/14/80
1.270E 00	0:3:0	3.700	46.0	948.57	948.57	508.94	10/14/80
1.269E 00	0:4:0	3.717	46.0	948.68	948.68	509.05	10/14/80
1.268E 00	0:5:0	3.733	46.0	948.78	948.78	509.15	10/14/80
1.267E 00	0:6:0	3.750	46.0	948.89	948.89	509.26	10/14/80
1.265E 00	0:7:0	3.767	46.0	949.01	949.01	509.38	10/14/80
1.264E 00	0:8:0	3.783	46.0	949.12	949.12	509.49	10/14/80
1.263E 00	0:9:0	3.800	46.0	949.22	949.22	509.59	10/14/80

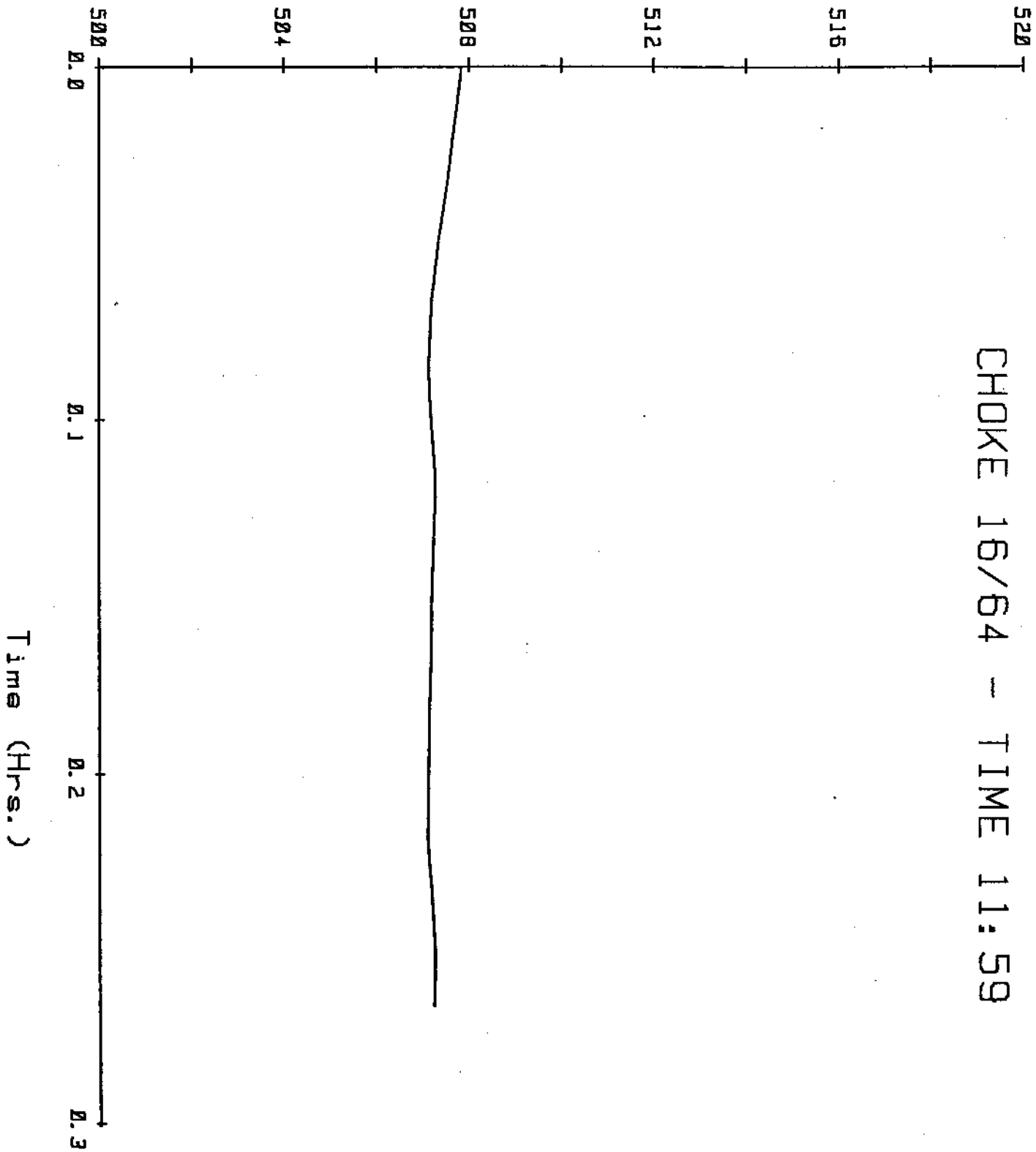
GO WIRELINE SERVICES
PRESSURE BUILD-UP SURVEY

Well No.: SB#18 Date: 10/13/80 Gradient: 0.000PSI/ft
Tool positioned at: 2085 MD. 2085 TVD. 2085 S.S.

$\frac{T-dt}{dt}$	Time	dt(hrs)	deg F	P (PSIA)	P @ 2085	Delta P	Comments
1.262E 00	0:10:0	3.817	46.0	949.32	949.32	509.69	10/14/80
1.261E 00	0:11:0	3.833	46.0	949.43	949.43	509.80	10/14/80
1.260E 00	0:12:0	3.850	46.0	949.53	949.53	509.90	10/14/80
1.259E 00	0:13:0	3.867	46.0	949.65	949.65	510.02	10/14/80
1.258E 00	0:14:0	3.883	46.0	949.74	949.74	510.11	10/14/80
1.256E 00	0:15:0	3.900	46.0	949.83	949.83	510.20	10/14/80
1.255E 00	0:16:0	3.917	46.0	949.93	949.93	510.30	10/14/80
1.254E 00	0:17:0	3.933	46.0	950.04	950.04	510.41	End of Data

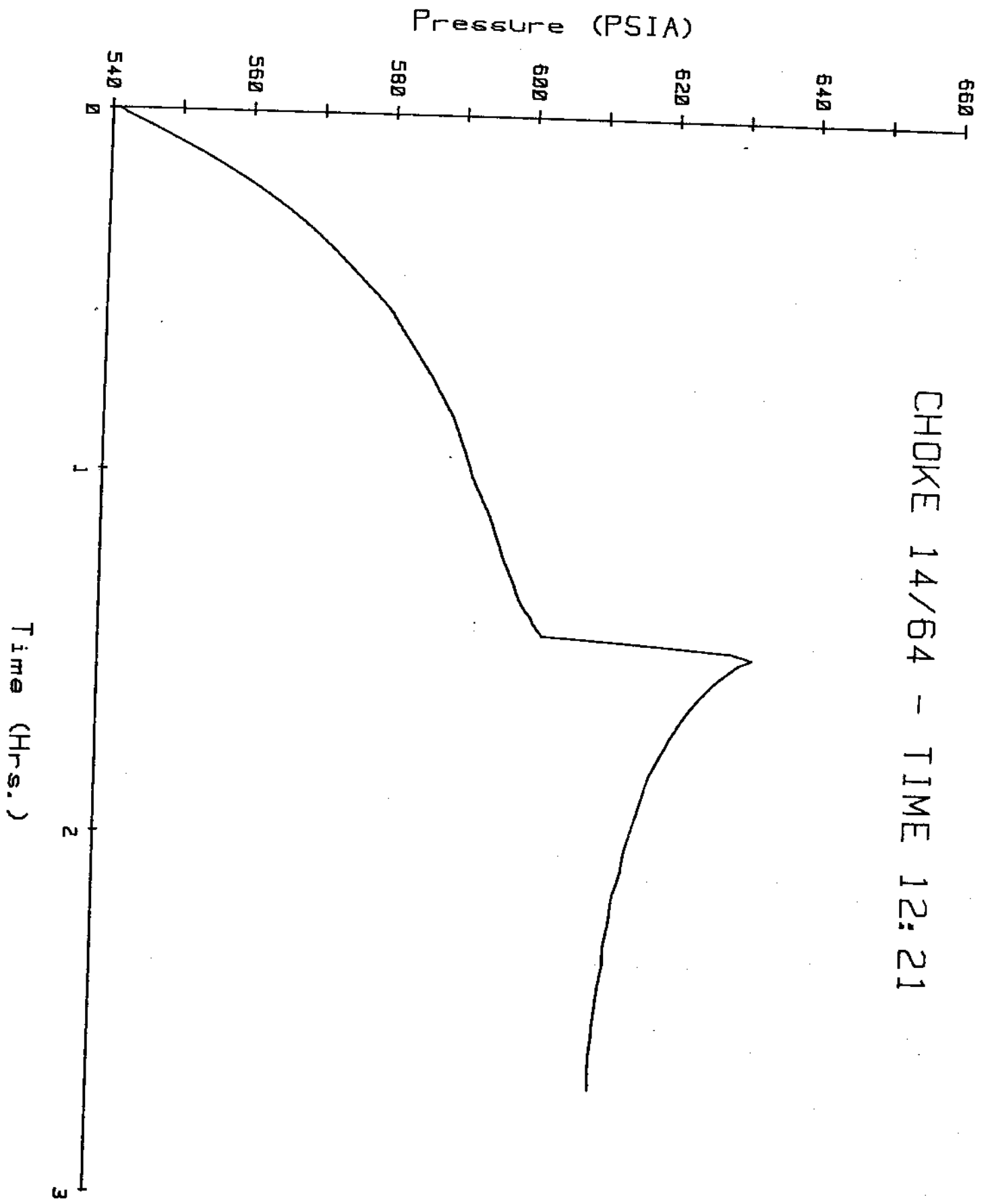
Pressure (PSIA)

CHOKE 16/64 - TIME 11:59



GO WIRELINE SERVICES Pressure plot

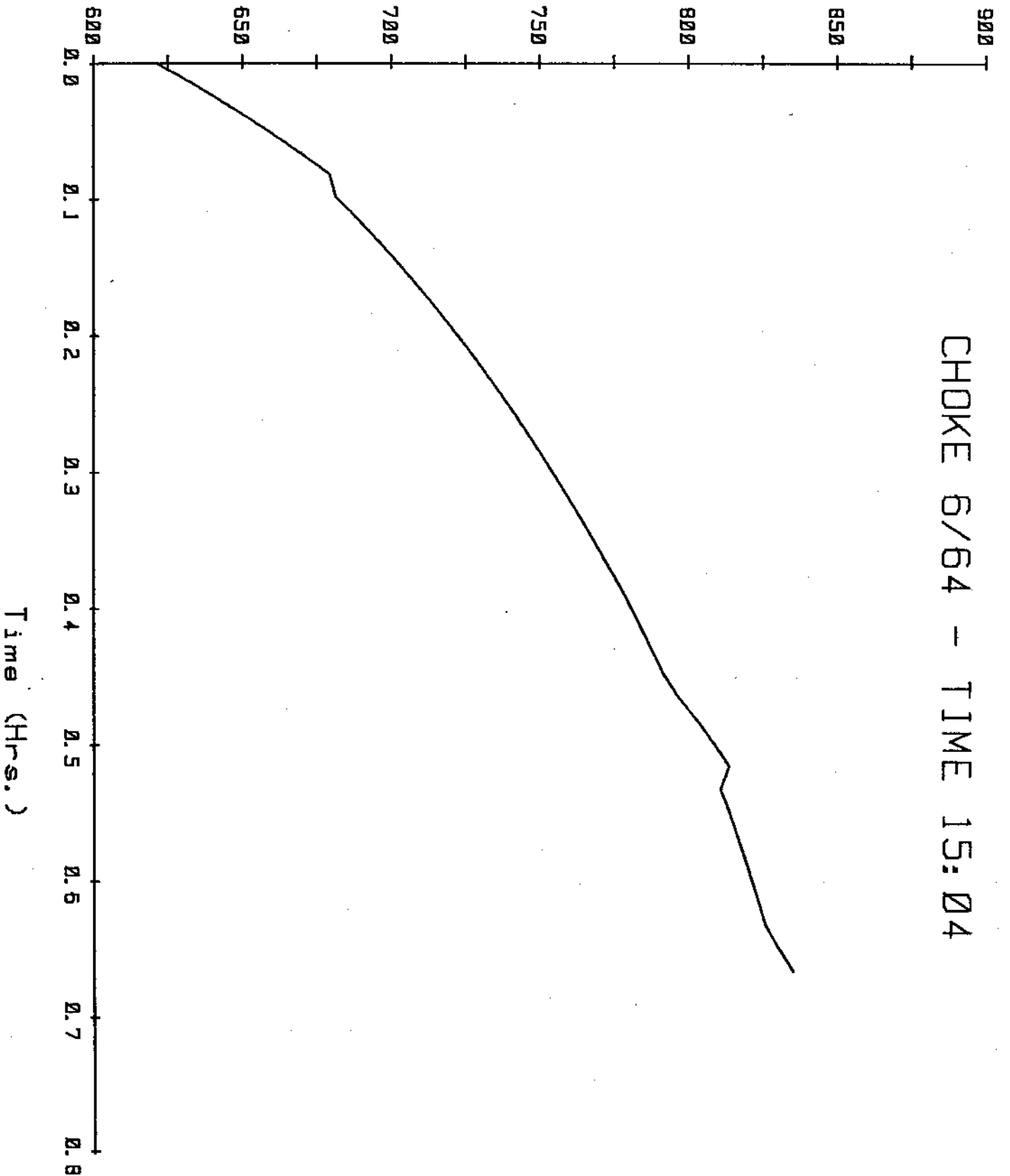
CHOKE 14/64 - TIME 12:21



GD WIRELINE SERVICES Pressure plot

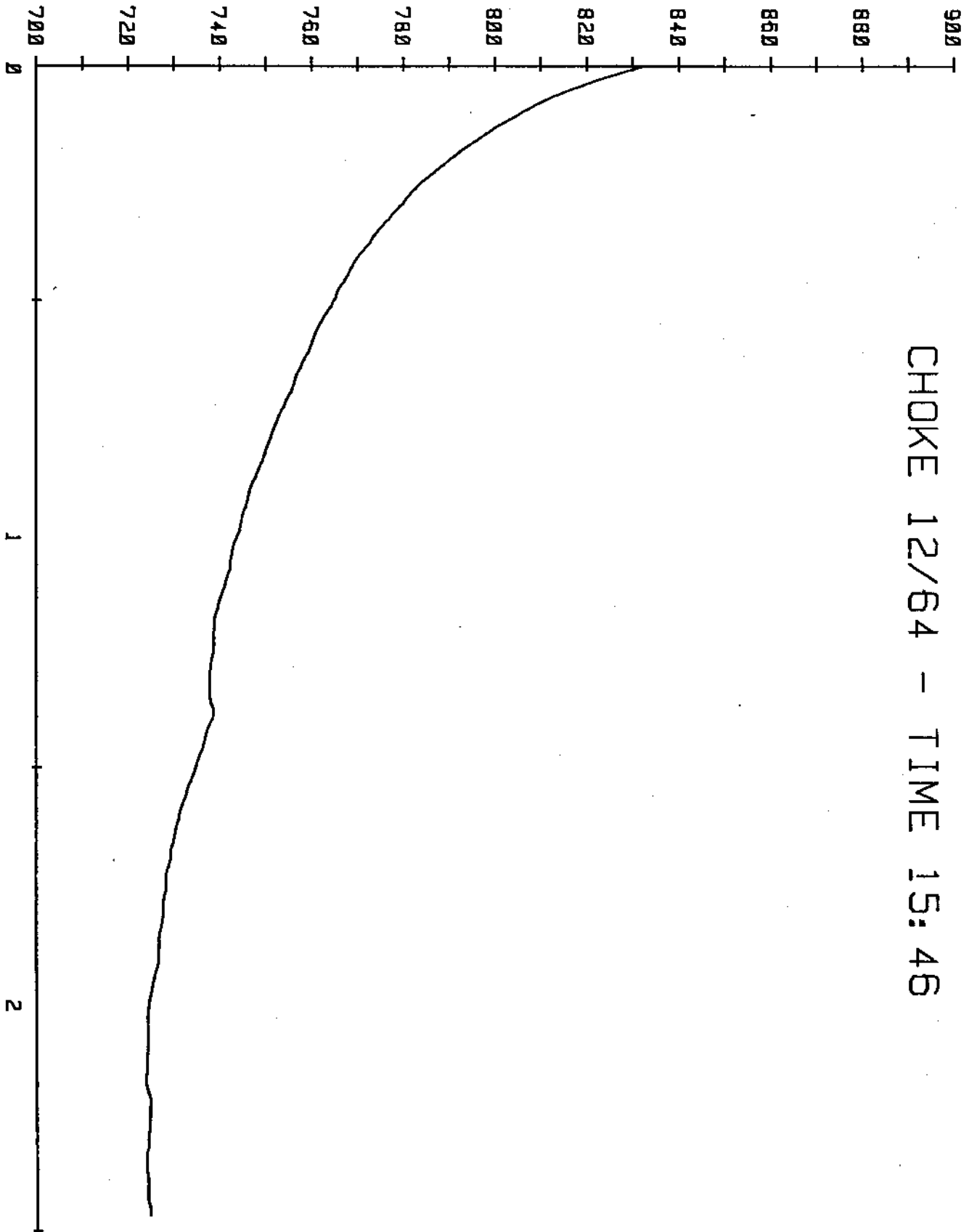
Pressure (PSIA)

CHOKE 6/64 - TIME 15:04



GO WIRELINE SERVICES Pressure plot

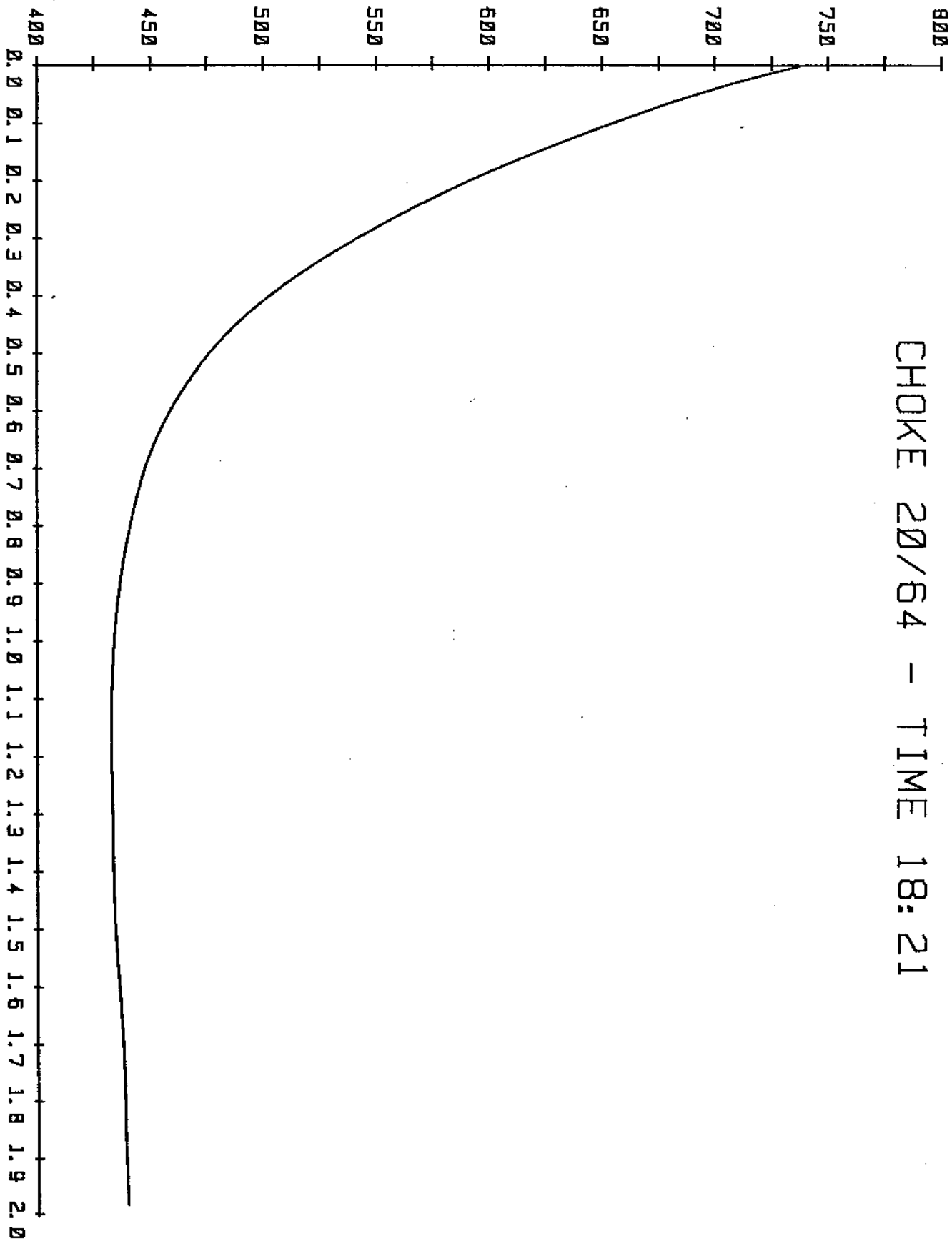
Pressure (PSIA)



CHOKE 12/64 - TIME 15:46

Time (Hrs.)

Pressure (PSIA)



CHOKE 20/64 - TIME 18:21

Time (Hrs.)

Pressure (PSIA)

SHUT-IN DATA

