



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Betty Rivera

Cabinet Secretary

December 17, 2002

Lori Wrotenbery

Director

Oil Conservation Division

Saga Petroleum
415 W. Wall, Suite 1900
Midland, Texas 79701

Attn: Ms. Bonnie Husband

**RE: Injection Pressure Increase
Central Corbin Queen Unit Well No. 212
Lea County, New Mexico**

Dear Ms. Husband:

Reference is made to your request to the New Mexico Oil Conservation Division (Division) received December 16, 2002, to increase the surface injection pressure on the subject well. This request is based on a step rate test conducted December 9, 2002. Results of the test have been reviewed and we feel an increase in injection pressure on this well is justified at this time.

You are hereby authorized to inject water at pressures up to the following maximum surface tubing pressure.

Well and Location	Maximum Surface Injection Pressure
Central Corbin Queen Unit No. 212 API:30-025-29798	1950 PSIG
This well is located in Section 3, Township 18 South, Range 33 East, Lea County, New Mexico.	

The Division Director may rescind this injection pressure increase if it becomes apparent that the injected water is not being confined to the injection zone or is endangering any fresh water aquifers.

Sincerely,

Lori Wrotenbery (wjs)
Lori Wrotenbery

Director

LW/wvjj

cc: Oil Conservation Division - Hobbs

File: 2002 PSI-X;

Case File 10063

PKRVO235145589

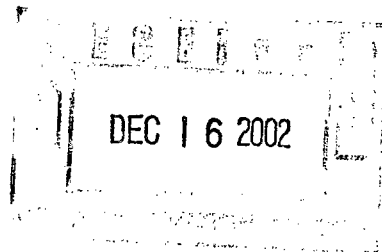
1PI WVJ NA



PETROLEUM

December 11 2002

Mr. Will Jones
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505



Re: CCQU Well #212
1980' FNL & 560' FWL
Sec. 3 (E), T18S, R33E
Lea County, NM
API No. 30-025-29798

Gentlemen:

Please find enclosed statistical data – step rate tests for the referenced water injection well. Saga respectfully requests approval to increase the injection pressure to 2000 psi. The Central Corbin Queen Unit was formed under Order R9336, dated 10-19-90. Should you require any further information, please contact the undersigned or Joe Clement at 915/684-4293.

Very truly yours,

SAGA PETROLEUM LLC

Bonnie Husband
Production Analyst

Enclosures



OPERATIONS LOG

COMPANY: SAGA PETROLEUM CORP.
LEASE: CENTRAL CORBIN QUEEN # 212
FIELD (FORMATION): ()
COUNTY: EDDY
STATE: NM

TEST TYPE: STEP-RATE

ENGINEER: JOE CLEMENTS
FIELD REP: RODNEY LONG
JOB RUN BY: MAX WHEELER
DATA PREPARED BY: ROD DODSON
INSTRUMENT: A-39

DATE	TIME	DWG	OPERATIONS LOG - JOB NUMBER: 56475
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12/9/02 08:30:00 AM			ON LOCATION
12/9/02 09:45:00 AM			START GAUGE #A-39
12/9/02 09:58:00 AM	1838		IN LUBRICATOR W/ GAUGES
12/9/02 10:13:00 AM	1838		ON BOTTOM W/ GAUGES @ 4205*
12/9/02 10:19:01 AM	1838		START 1ST RATE @ 25 BPD
12/9/02 10:45:31 AM	1890		START 2ND RATE @ 50 BPD
12/9/02 11:16:01 AM	1936		START 3RD RATE @ 75 BPD
12/9/02 11:45:01 AM	1978		START 4TH RATE @ 100 BPD
12/9/02 12:16:31 PM	2008		START 5TH RATE @ 125 BPD
12/9/02 12:45:01 PM	2062		START 6TH RATE @ 150 BPD
12/9/02 01:15:01 PM	2082		START 7TH RATE @ 175 BPD
12/9/02 01:45:01 PM	2104		START 8TH RATE @ 200 BPD
12/9/02 02:15:01 PM	2112		START 9TH RATE @ 225 BPD
12/9/02 02:44:31 PM	2124		START 10TH RATE @ 250 BPD
12/9/02 03:15:31 PM	2136		END FINAL RATE
12/9/02 03:20:31 PM			OFF BOTTOM W/ GAUGES

DATE	TIME	DWG	OPERATIONS LOG - JOB NUMBER: 56475
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* Tagged bottom @ 4249' prior to running gauges



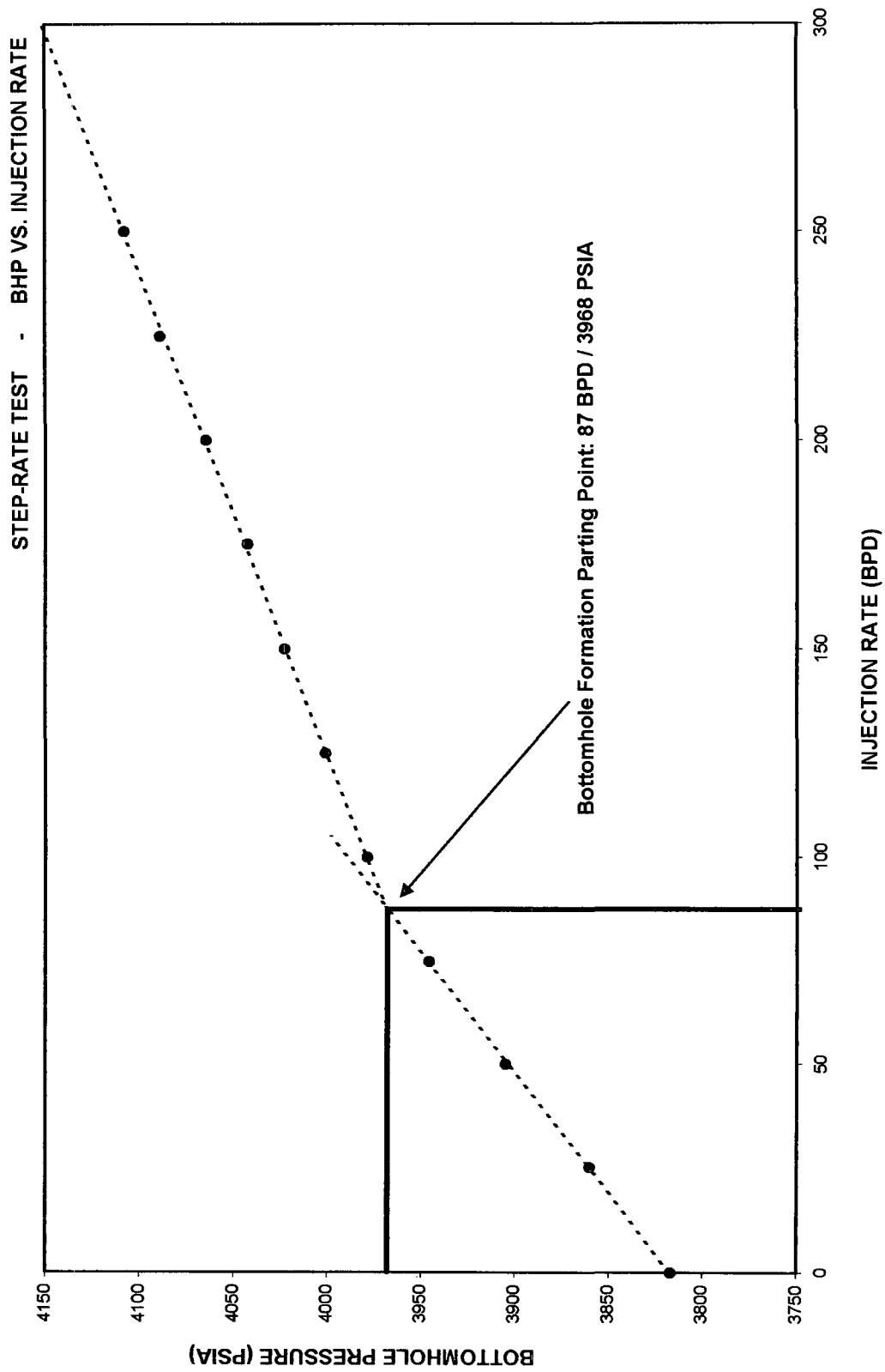
COMPANY: SAGA PETROLEUM CORP.
LEASE: CENTRAL CORBIN QUEEN # 212
FIELD (FORMATION): ()
COUNTY: EDDY
STATE: NM

TEST DATES: 12/9/02 - 12/9/02
RUN DEPTH: 4205
INSTRUMENT: A-39

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	WELLHEAD PRESSURE, PSIG	INJECTION RATE, BPD	JOB NUMBER: 56475
12/9/02 10:19:00 AM	0.5667	3817.00	1838.00	0.00	
12/9/02 10:45:30 AM	1.0083	3860.24	1890.00	25.00	
12/9/02 11:16:00 AM	1.5167	3904.77	1936.00	50.00	
12/9/02 11:45:00 AM	2.0000	3945.63	1978.00	75.00	
12/9/02 12:16:30 PM	2.5250	3978.48	2008.00	100.00	
12/9/02 12:45:00 PM	3.0000	4000.95	2062.00	125.00	
12/9/02 01:15:00 PM	3.5000	4022.51	2082.00	150.00	
12/9/02 01:45:00 PM	4.0000	4042.31	2104.00	175.00	
12/9/02 02:15:00 PM	4.5000	4064.45	2112.00	200.00	
12/9/02 02:44:30 PM	4.9917	4088.70	2124.00	225.00	
12/9/02 03:15:30 PM	5.5083	4107.68	2136.00	250.00	

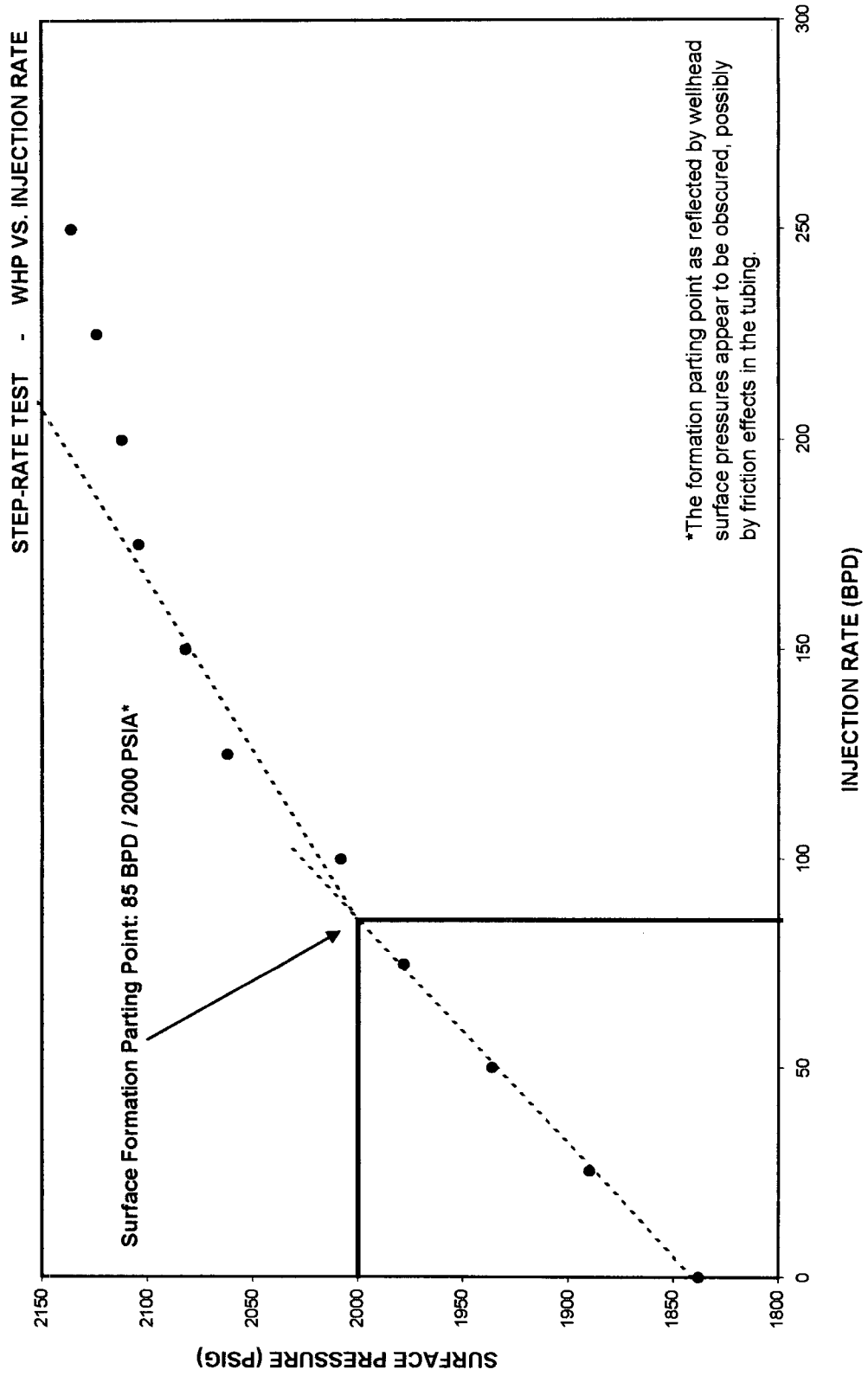


COMPANY:	SAGA PETROLEUM CORP.	FIELD:		JOB #	56475
LEASE:	CENTRAL CORBIN QUEEN	COUNTY:	EDDY	TEST DATE:	12/9/02
WELL NUMBER:	212	STATE:	NM		12/9/02





COMPANY:	SAGA PETROLEUM CORP.	FIELD:		JOB #	56475
LEASE:	CENTRAL CORBIN QUEEN	COUNTY:	EDDY	TEST DATE:	12/9/02
WELL NUMBER:	212	STATE:	NM		12/9/02

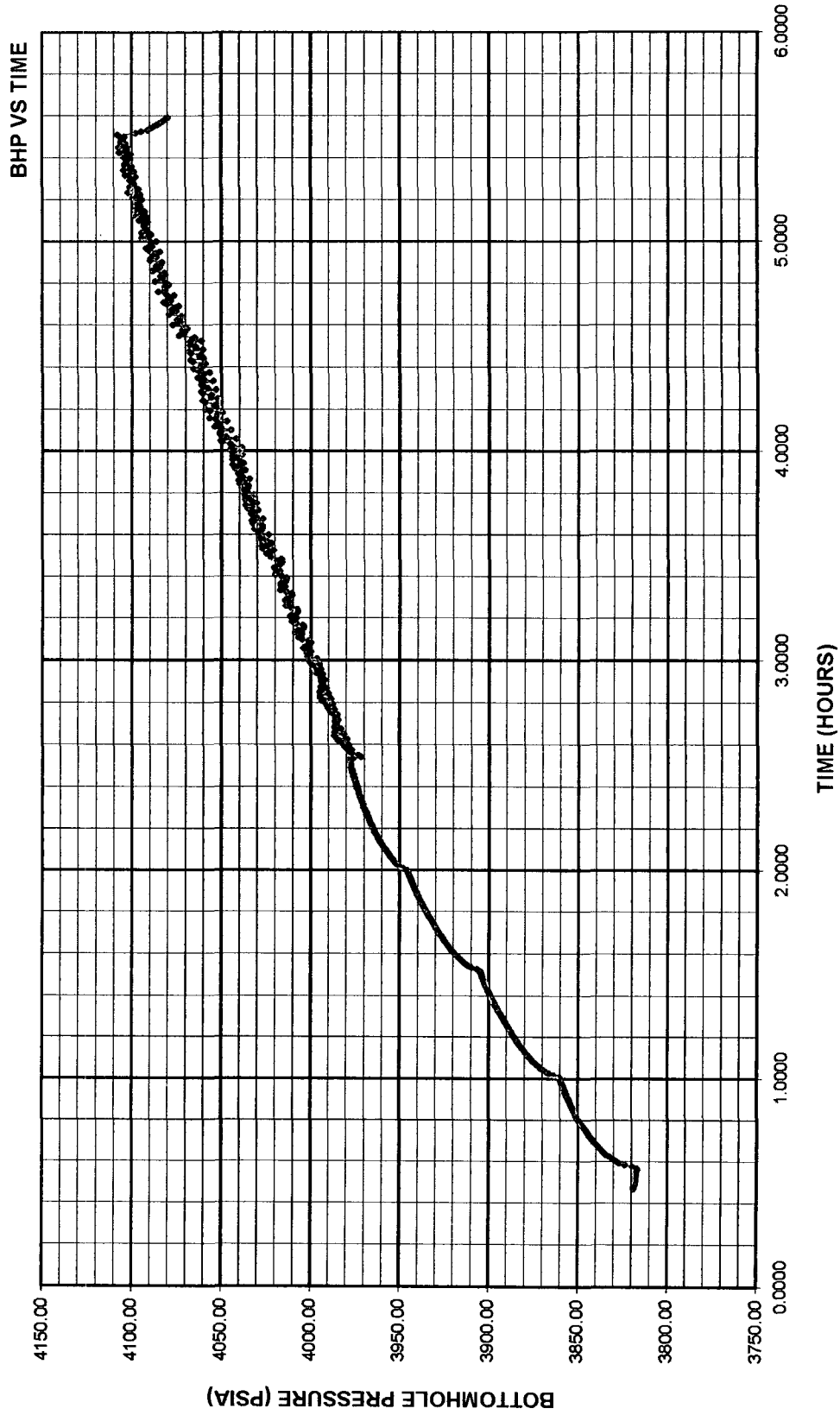




COMPANY: SAGA PETROLEUM CORP.
LEASE: CENTRAL CORBIN QUEEN
WELL NUMBER: 212

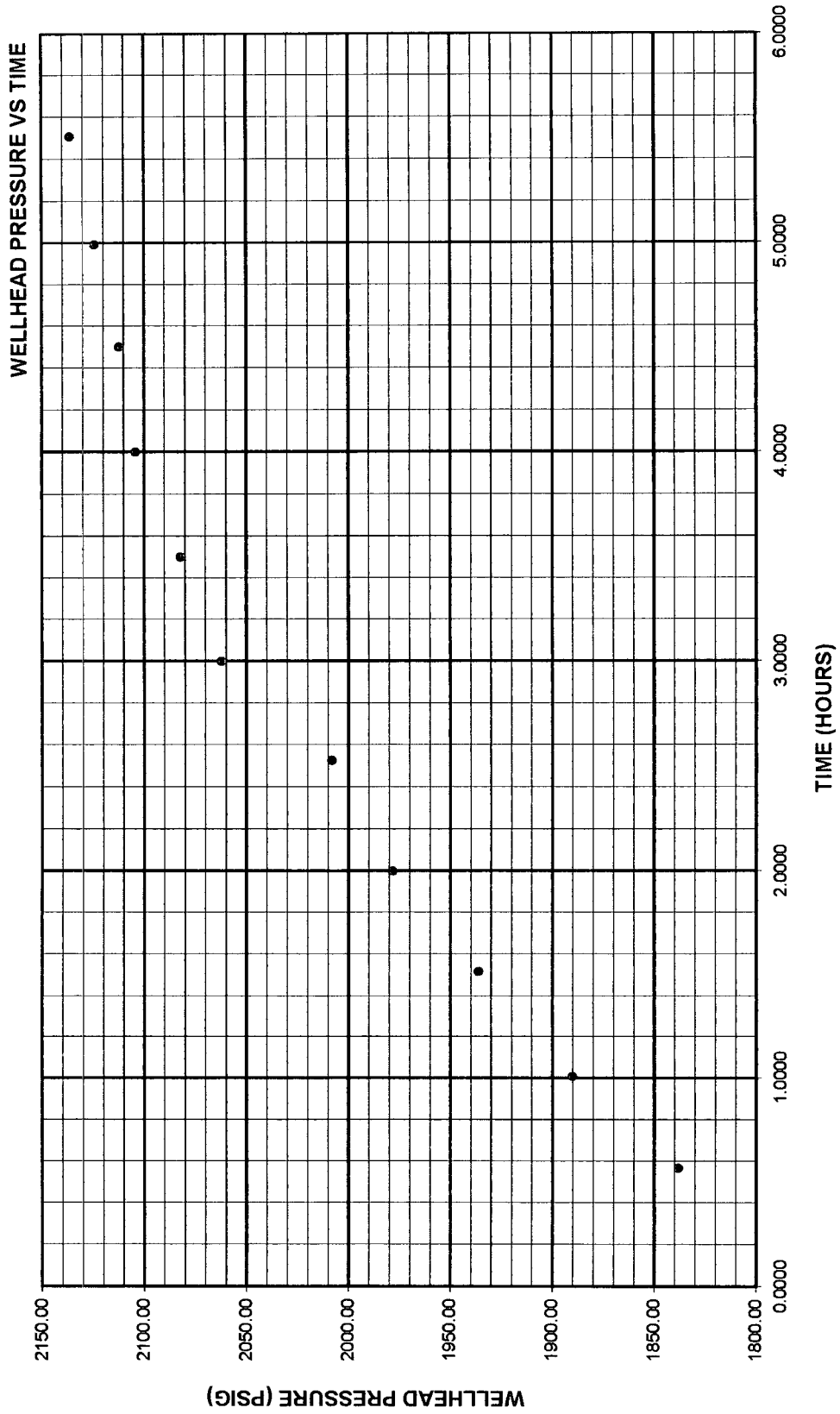
FIELD: EDDY
COUNTY: NM
STATE: NM

JOB # 56475
TEST DATE: 12/9/02



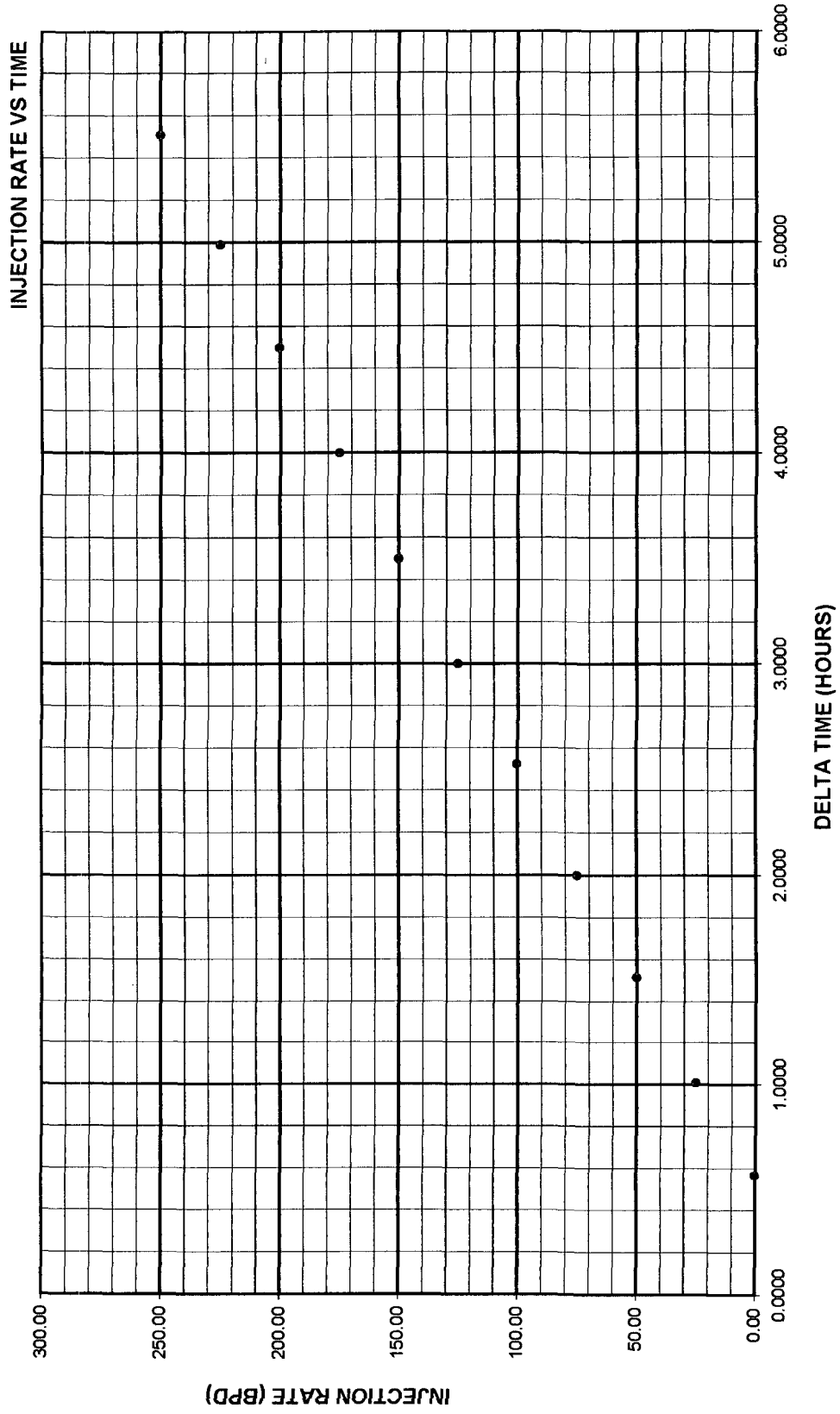


COMPANY: SAGA PETROLEUM CORP. FIELD: COUNTY: EDDY STATE: NM
LEASE: CENTRAL CORBIN QUEEN
WELL NUMBER: 212 JOB # 56475 TEST DATE: 12/9/02





COMPANY: SAGA PETROLEUM CORP. FIELD: JOB # 56475
LEASE: CENTRAL CORBIN QUEEN COUNTY: EDDY TEST DATE: 12/9/02
WELL NUMBER: 212 STATE: NM





COMPANY: SAGA PETROLEUM CORP.
 LEASE: CENTRAL CORBIN QUEEN # 212
 FIELD (FORMATION): ()
 COUNTY: EDDY
 STATE: NM

TEST DATES: 12/9/02 - 12/9/02
 RUN DEPTH: 4205
 INSTRUMENT: A-39

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	REMARKS - JOB NUMBER: 56475
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12/09/02 08:30:00 AM			ON LOCATION
12/09/02 09:45:00 AM			START GAUGE #A-39
12/09/02 09:58:00 AM			IN LUBRICATOR W/ GAUGES
12/09/02 10:13:00 AM			ON BOTTOM W/ GAUGES @ 4205*
12/09/02 10:13:00 AM	0.4667	3818.91	
12/09/02 10:13:30 AM	0.4750	3818.75	
12/09/02 10:14:00 AM	0.4833	3818.31	
12/09/02 10:14:30 AM	0.4917	3818.22	
12/09/02 10:15:00 AM	0.5000	3818.03	
12/09/02 10:15:30 AM	0.5083	3817.82	
12/09/02 10:16:00 AM	0.5167	3817.84	
12/09/02 10:16:30 AM	0.5250	3817.69	
12/09/02 10:17:00 AM	0.5333	3817.54	
12/09/02 10:17:30 AM	0.5417	3817.63	
12/09/02 10:18:00 AM	0.5500	3817.27	
12/09/02 10:18:30 AM	0.5583	3816.69	
12/09/02 10:19:00 AM	0.5667	3817.00	
12/09/02 10:19:01 AM			START 1ST RATE @ 25 BPD
12/09/02 10:19:30 AM	0.5750	3819.37	
12/09/02 10:20:00 AM	0.5833	3823.86	
12/09/02 10:20:30 AM	0.5917	3826.78	
12/09/02 10:21:00 AM	0.6000	3828.11	
12/09/02 10:21:30 AM	0.6083	3829.75	
12/09/02 10:22:00 AM	0.6167	3831.21	
12/09/02 10:22:30 AM	0.6250	3832.66	
12/09/02 10:23:00 AM	0.6333	3834.39	
12/09/02 10:23:30 AM	0.6417	3835.41	
12/09/02 10:24:00 AM	0.6500	3836.33	
12/09/02 10:24:30 AM	0.6583	3837.35	
12/09/02 10:25:00 AM	0.6667	3838.02	
12/09/02 10:25:30 AM	0.6750	3838.98	
12/09/02 10:26:00 AM	0.6833	3839.93	

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	REMARKS - JOB NUMBER: 56475
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12/09/02 10:26:30 AM	0.6917	3841.01
12/09/02 10:27:00 AM	0.7000	3841.48
12/09/02 10:27:30 AM	0.7083	3842.31
12/09/02 10:28:00 AM	0.7167	3843.01
12/09/02 10:28:30 AM	0.7250	3843.96
12/09/02 10:29:00 AM	0.7333	3844.33
12/09/02 10:29:30 AM	0.7417	3844.93
12/09/02 10:30:00 AM	0.7500	3845.34
12/09/02 10:30:30 AM	0.7583	3846.39
12/09/02 10:31:00 AM	0.7667	3846.89
12/09/02 10:31:30 AM	0.7750	3847.83
12/09/02 10:32:00 AM	0.7833	3848.42
12/09/02 10:32:30 AM	0.7917	3849.27
12/09/02 10:33:00 AM	0.8000	3849.81
12/09/02 10:33:30 AM	0.8083	3850.60
12/09/02 10:34:00 AM	0.8167	3850.89
12/09/02 10:34:30 AM	0.8250	3851.14
12/09/02 10:35:00 AM	0.8333	3851.61
12/09/02 10:35:30 AM	0.8417	3852.19
12/09/02 10:36:00 AM	0.8500	3852.68
12/09/02 10:36:30 AM	0.8583	3852.93
12/09/02 10:37:00 AM	0.8667	3853.47
12/09/02 10:37:30 AM	0.8750	3854.04
12/09/02 10:38:00 AM	0.8833	3854.25
12/09/02 10:38:30 AM	0.8917	3854.86
12/09/02 10:39:00 AM	0.9000	3855.16
12/09/02 10:39:30 AM	0.9083	3855.73
12/09/02 10:40:00 AM	0.9167	3856.23
12/09/02 10:40:30 AM	0.9250	3856.44
12/09/02 10:41:00 AM	0.9333	3856.94
12/09/02 10:41:30 AM	0.9417	3857.15
12/09/02 10:42:00 AM	0.9500	3857.79
12/09/02 10:42:30 AM	0.9583	3857.97
12/09/02 10:43:00 AM	0.9667	3858.46
12/09/02 10:43:30 AM	0.9750	3858.93
12/09/02 10:44:00 AM	0.9833	3859.34
12/09/02 10:44:30 AM	0.9917	3859.63
12/09/02 10:45:00 AM	1.0000	3860.04
12/09/02 10:45:30 AM	1.0083	3860.24
12/09/02 10:45:31 AM		
12/09/02 10:46:00 AM	1.0167	3863.32
12/09/02 10:46:30 AM	1.0250	3866.08
12/09/02 10:47:00 AM	1.0333	3867.94
12/09/02 10:47:30 AM	1.0417	3869.44
12/09/02 10:48:00 AM	1.0500	3870.79
12/09/02 10:48:30 AM	1.0583	3871.72
12/09/02 10:49:00 AM	1.0667	3873.01
12/09/02 10:49:30 AM	1.0750	3874.04

START 2ND RATE @ 50 BPD

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	REMARKS - JOB NUMBER: 56475
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12/09/02 10:50:00 AM	1.0833	3875.18
12/09/02 10:50:30 AM	1.0917	3875.86
12/09/02 10:51:00 AM	1.1000	3876.89
12/09/02 10:51:30 AM	1.1083	3877.85
12/09/02 10:52:00 AM	1.1167	3878.51
12/09/02 10:52:30 AM	1.1250	3879.45
12/09/02 10:53:00 AM	1.1333	3880.05
12/09/02 10:53:30 AM	1.1417	3880.88
12/09/02 10:54:00 AM	1.1500	3881.61
12/09/02 10:54:30 AM	1.1583	3882.31
12/09/02 10:55:00 AM	1.1667	3883.14
12/09/02 10:55:30 AM	1.1750	3883.82
12/09/02 10:56:00 AM	1.1833	3884.45
12/09/02 10:56:30 AM	1.1917	3885.04
12/09/02 10:57:00 AM	1.2000	3885.65
12/09/02 10:57:30 AM	1.2083	3886.40
12/09/02 10:58:00 AM	1.2167	3886.91
12/09/02 10:58:30 AM	1.2250	3887.48
12/09/02 10:59:00 AM	1.2333	3888.19
12/09/02 10:59:30 AM	1.2417	3888.77
12/09/02 11:00:00 AM	1.2500	3889.30
12/09/02 11:00:30 AM	1.2583	3889.94
12/09/02 11:01:00 AM	1.2667	3890.43
12/09/02 11:01:30 AM	1.2750	3891.01
12/09/02 11:02:00 AM	1.2833	3891.50
12/09/02 11:02:30 AM	1.2917	3892.01
12/09/02 11:03:00 AM	1.3000	3892.77
12/09/02 11:03:30 AM	1.3083	3893.26
12/09/02 11:04:00 AM	1.3167	3893.83
12/09/02 11:04:30 AM	1.3250	3894.51
12/09/02 11:05:00 AM	1.3333	3894.84
12/09/02 11:05:30 AM	1.3417	3895.46
12/09/02 11:06:00 AM	1.3500	3896.07
12/09/02 11:06:30 AM	1.3583	3896.51
12/09/02 11:07:00 AM	1.3667	3896.93
12/09/02 11:07:30 AM	1.3750	3897.47
12/09/02 11:08:00 AM	1.3833	3898.03
12/09/02 11:08:30 AM	1.3917	3898.47
12/09/02 11:09:00 AM	1.4000	3898.93
12/09/02 11:09:30 AM	1.4083	3899.53
12/09/02 11:10:00 AM	1.4167	3899.91
12/09/02 11:10:30 AM	1.4250	3900.45
12/09/02 11:11:00 AM	1.4333	3900.80
12/09/02 11:11:30 AM	1.4417	3901.23
12/09/02 11:12:00 AM	1.4500	3901.75
12/09/02 11:12:30 AM	1.4583	3902.20
12/09/02 11:13:00 AM	1.4667	3902.44
12/09/02 11:13:30 AM	1.4750	3902.94

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	REMARKS - JOB NUMBER: 56475
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12/09/02 11:14:00 AM	1.4833	3903.38	
12/09/02 11:14:30 AM	1.4917	3903.78	
12/09/02 11:15:00 AM	1.5000	3904.04	
12/09/02 11:15:30 AM	1.5083	3904.41	
12/09/02 11:16:00 AM	1.5167	3904.77	
12/09/02 11:16:01 AM			START 3RD RATE @ 75 BPD
12/09/02 11:16:30 AM	1.5250	3906.50	
12/09/02 11:17:00 AM	1.5333	3909.61	
12/09/02 11:17:30 AM	1.5417	3911.43	
12/09/02 11:18:00 AM	1.5500	3912.91	
12/09/02 11:18:30 AM	1.5583	3914.18	
12/09/02 11:19:00 AM	1.5667	3915.26	
12/09/02 11:19:30 AM	1.5750	3916.06	
12/09/02 11:20:00 AM	1.5833	3917.16	
12/09/02 11:20:30 AM	1.5917	3917.93	
12/09/02 11:21:00 AM	1.6000	3918.94	
12/09/02 11:21:30 AM	1.6083	3919.94	
12/09/02 11:22:00 AM	1.6167	3920.83	
12/09/02 11:22:30 AM	1.6250	3921.61	
12/09/02 11:23:00 AM	1.6333	3922.28	
12/09/02 11:23:30 AM	1.6417	3923.05	
12/09/02 11:24:00 AM	1.6500	3923.94	
12/09/02 11:24:30 AM	1.6583	3924.62	
12/09/02 11:25:00 AM	1.6667	3925.25	
12/09/02 11:25:30 AM	1.6750	3925.85	
12/09/02 11:26:00 AM	1.6833	3926.59	
12/09/02 11:26:30 AM	1.6917	3927.36	
12/09/02 11:27:00 AM	1.7000	3927.94	
12/09/02 11:27:30 AM	1.7083	3928.62	
12/09/02 11:28:00 AM	1.7167	3929.23	
12/09/02 11:28:30 AM	1.7250	3929.73	
12/09/02 11:29:00 AM	1.7333	3930.18	
12/09/02 11:29:30 AM	1.7417	3930.80	
12/09/02 11:30:00 AM	1.7500	3931.37	
12/09/02 11:30:30 AM	1.7583	3931.95	
12/09/02 11:31:00 AM	1.7667	3932.52	
12/09/02 11:31:30 AM	1.7750	3933.20	
12/09/02 11:32:00 AM	1.7833	3933.91	
12/09/02 11:32:30 AM	1.7917	3934.46	
12/09/02 11:33:00 AM	1.8000	3935.05	
12/09/02 11:33:30 AM	1.8083	3935.49	
12/09/02 11:34:00 AM	1.8167	3936.10	
12/09/02 11:34:30 AM	1.8250	3936.64	
12/09/02 11:35:00 AM	1.8333	3937.00	
12/09/02 11:35:30 AM	1.8417	3937.70	
12/09/02 11:36:00 AM	1.8500	3938.17	
12/09/02 11:36:30 AM	1.8583	3938.63	
12/09/02 11:37:00 AM	1.8667	3939.13	

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	REMARKS - JOB NUMBER: 56475
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12/09/02 11:37:30 AM	1.8750	3939.53	
12/09/02 11:38:00 AM	1.8833	3940.04	
12/09/02 11:38:30 AM	1.8917	3940.25	
12/09/02 11:39:00 AM	1.9000	3940.84	
12/09/02 11:39:30 AM	1.9083	3941.29	
12/09/02 11:40:00 AM	1.9167	3941.65	
12/09/02 11:40:30 AM	1.9250	3942.18	
12/09/02 11:41:00 AM	1.9333	3942.48	
12/09/02 11:41:30 AM	1.9417	3943.07	
12/09/02 11:42:00 AM	1.9500	3943.31	
12/09/02 11:42:30 AM	1.9583	3943.63	
12/09/02 11:43:00 AM	1.9667	3944.21	
12/09/02 11:43:30 AM	1.9750	3944.45	
12/09/02 11:44:00 AM	1.9833	3944.87	
12/09/02 11:44:30 AM	1.9917	3945.36	
12/09/02 11:45:00 AM	2.0000	3945.63	
12/09/02 11:45:01 AM			START 4TH RATE @ 100 BPD
12/09/02 11:45:30 AM	2.0083	3947.85	
12/09/02 11:46:00 AM	2.0167	3949.64	
12/09/02 11:46:30 AM	2.0250	3950.97	
12/09/02 11:47:00 AM	2.0333	3952.10	
12/09/02 11:47:30 AM	2.0417	3952.94	
12/09/02 11:48:00 AM	2.0500	3953.56	
12/09/02 11:48:30 AM	2.0583	3954.67	
12/09/02 11:49:00 AM	2.0667	3955.23	
12/09/02 11:49:30 AM	2.0750	3955.71	
12/09/02 11:50:00 AM	2.0833	3956.45	
12/09/02 11:50:30 AM	2.0917	3957.30	
12/09/02 11:51:00 AM	2.1000	3957.90	
12/09/02 11:51:30 AM	2.1083	3958.45	
12/09/02 11:52:00 AM	2.1167	3959.38	
12/09/02 11:52:30 AM	2.1250	3959.85	
12/09/02 11:53:00 AM	2.1333	3960.67	
12/09/02 11:53:30 AM	2.1417	3960.95	
12/09/02 11:54:00 AM	2.1500	3961.62	
12/09/02 11:54:30 AM	2.1583	3962.11	
12/09/02 11:55:00 AM	2.1667	3962.59	
12/09/02 11:55:30 AM	2.1750	3963.22	
12/09/02 11:56:00 AM	2.1833	3963.86	
12/09/02 11:56:30 AM	2.1917	3964.06	
12/09/02 11:57:00 AM	2.2000	3964.60	
12/09/02 11:57:30 AM	2.2083	3965.16	
12/09/02 11:58:00 AM	2.2167	3965.58	
12/09/02 11:58:30 AM	2.2250	3966.05	
12/09/02 11:59:00 AM	2.2333	3966.55	
12/09/02 11:59:30 AM	2.2417	3966.83	
12/09/02 12:00:00 PM	2.2500	3967.35	
12/09/02 12:00:30 PM	2.2583	3967.74	

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	REMARKS - JOB NUMBER: 56475
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12/09/02 12:01:00 PM	2.2667	3968.45
12/09/02 12:01:30 PM	2.2750	3968.41
12/09/02 12:02:00 PM	2.2833	3969.03
12/09/02 12:02:30 PM	2.2917	3969.58
12/09/02 12:03:00 PM	2.3000	3969.88
12/09/02 12:03:30 PM	2.3083	3970.20
12/09/02 12:04:00 PM	2.3167	3970.43
12/09/02 12:04:30 PM	2.3250	3970.92
12/09/02 12:05:00 PM	2.3333	3971.18
12/09/02 12:05:30 PM	2.3417	3971.42
12/09/02 12:06:00 PM	2.3500	3972.07
12/09/02 12:06:30 PM	2.3583	3972.22
12/09/02 12:07:00 PM	2.3667	3972.66
12/09/02 12:07:30 PM	2.3750	3972.90
12/09/02 12:08:00 PM	2.3833	3973.01
12/09/02 12:08:30 PM	2.3917	3973.81
12/09/02 12:09:00 PM	2.4000	3973.78
12/09/02 12:09:30 PM	2.4083	3974.38
12/09/02 12:10:00 PM	2.4167	3974.47
12/09/02 12:10:30 PM	2.4250	3974.61
12/09/02 12:11:00 PM	2.4333	3975.19
12/09/02 12:11:30 PM	2.4417	3975.28
12/09/02 12:12:00 PM	2.4500	3975.77
12/09/02 12:12:30 PM	2.4583	3975.81
12/09/02 12:13:00 PM	2.4667	3976.46
12/09/02 12:13:30 PM	2.4750	3976.67
12/09/02 12:14:00 PM	2.4833	3976.86
12/09/02 12:14:30 PM	2.4917	3977.37
12/09/02 12:15:00 PM	2.5000	3977.50
12/09/02 12:15:30 PM	2.5083	3977.37
12/09/02 12:16:00 PM	2.5167	3977.87
12/09/02 12:16:30 PM	2.5250	3978.48
12/09/02 12:16:31 PM		
12/09/02 12:17:00 PM	2.5333	3976.27
12/09/02 12:17:30 PM	2.5417	3971.50
12/09/02 12:18:00 PM	2.5500	3973.20
12/09/02 12:18:30 PM	2.5583	3976.75
12/09/02 12:19:00 PM	2.5667	3978.06
12/09/02 12:19:30 PM	2.5750	3976.86
12/09/02 12:20:00 PM	2.5833	3980.21
12/09/02 12:20:30 PM	2.5917	3980.90
12/09/02 12:21:00 PM	2.6000	3978.31
12/09/02 12:21:30 PM	2.6083	3981.97
12/09/02 12:22:00 PM	2.6167	3984.25
12/09/02 12:22:30 PM	2.6250	3979.27
12/09/02 12:23:00 PM	2.6333	3985.68
12/09/02 12:23:30 PM	2.6417	3986.52
12/09/02 12:24:00 PM	2.6500	3981.05

START 5TH RATE @ 125 BPD

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	REMARKS - JOB NUMBER: 56475
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12/09/02 12:24:30 PM	2.6583	3986.24
12/09/02 12:25:00 PM	2.6667	3985.62
12/09/02 12:25:30 PM	2.6750	3982.61
12/09/02 12:26:00 PM	2.6833	3986.44
12/09/02 12:26:30 PM	2.6917	3985.78
12/09/02 12:27:00 PM	2.7000	3985.10
12/09/02 12:27:30 PM	2.7083	3986.04
12/09/02 12:28:00 PM	2.7167	3984.21
12/09/02 12:28:30 PM	2.7250	3985.65
12/09/02 12:29:00 PM	2.7333	3985.77
12/09/02 12:29:30 PM	2.7417	3984.84
12/09/02 12:30:00 PM	2.7500	3987.99
12/09/02 12:30:30 PM	2.7583	3988.77
12/09/02 12:31:00 PM	2.7667	3986.43
12/09/02 12:31:30 PM	2.7750	3990.23
12/09/02 12:32:00 PM	2.7833	3990.34
12/09/02 12:32:30 PM	2.7917	3987.34
12/09/02 12:33:00 PM	2.8000	3991.81
12/09/02 12:33:30 PM	2.8083	3993.50
12/09/02 12:34:00 PM	2.8167	3988.42
12/09/02 12:34:30 PM	2.8250	3994.59
12/09/02 12:35:00 PM	2.8333	3994.38
12/09/02 12:35:30 PM	2.8417	3989.80
12/09/02 12:36:00 PM	2.8500	3994.74
12/09/02 12:36:30 PM	2.8583	3993.36
12/09/02 12:37:00 PM	2.8667	3990.95
12/09/02 12:37:30 PM	2.8750	3994.07
12/09/02 12:38:00 PM	2.8833	3993.20
12/09/02 12:38:30 PM	2.8917	3993.16
12/09/02 12:39:00 PM	2.9000	3993.86
12/09/02 12:39:30 PM	2.9083	3991.90
12/09/02 12:40:00 PM	2.9167	3994.07
12/09/02 12:40:30 PM	2.9250	3994.03
12/09/02 12:41:00 PM	2.9333	3993.16
12/09/02 12:41:30 PM	2.9417	3996.87
12/09/02 12:42:00 PM	2.9500	3996.73
12/09/02 12:42:30 PM	2.9583	3994.22
12/09/02 12:43:00 PM	2.9667	3998.62
12/09/02 12:43:30 PM	2.9750	3998.87
12/09/02 12:44:00 PM	2.9833	3995.02
12/09/02 12:44:30 PM	2.9917	4000.17
12/09/02 12:45:00 PM	3.0000	4000.95
12/09/02 12:45:01 PM		
12/09/02 12:45:30 PM	3.0083	3996.52
12/09/02 12:46:00 PM	3.0167	4001.54
12/09/02 12:46:30 PM	3.0250	4000.38
12/09/02 12:47:00 PM	3.0333	4001.75
12/09/02 12:47:30 PM	3.0417	3999.80

START 6TH RATE @ 150 BPD

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	REMARKS - JOB NUMBER: 56475
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12/09/02 12:48:00 PM	3.0500	4001.25
12/09/02 12:48:30 PM	3.0583	4004.04
12/09/02 12:49:00 PM	3.0667	4002.20
12/09/02 12:49:30 PM	3.0750	4000.38
12/09/02 12:50:00 PM	3.0833	3999.79
12/09/02 12:50:30 PM	3.0917	4000.97
12/09/02 12:51:00 PM	3.1000	4004.83
12/09/02 12:51:30 PM	3.1083	4006.77
12/09/02 12:52:00 PM	3.1167	4005.15
12/09/02 12:52:30 PM	3.1250	4004.92
12/09/02 12:53:00 PM	3.1333	4008.65
12/09/02 12:53:30 PM	3.1417	4007.01
12/09/02 12:54:00 PM	3.1500	4004.04
12/09/02 12:54:30 PM	3.1583	4003.65
12/09/02 12:55:00 PM	3.1667	4004.24
12/09/02 12:55:30 PM	3.1750	4008.04
12/09/02 12:56:00 PM	3.1833	4010.41
12/09/02 12:56:30 PM	3.1917	4009.37
12/09/02 12:57:00 PM	3.2000	4007.91
12/09/02 12:57:30 PM	3.2083	4011.54
12/09/02 12:58:00 PM	3.2167	4010.18
12/09/02 12:58:30 PM	3.2250	4007.55
12/09/02 12:59:00 PM	3.2333	4007.22
12/09/02 12:59:30 PM	3.2417	4007.32
12/09/02 01:00:00 PM	3.2500	4010.87
12/09/02 01:00:30 PM	3.2583	4013.82
12/09/02 01:01:00 PM	3.2667	4012.85
12/09/02 01:01:30 PM	3.2750	4011.26
12/09/02 01:02:00 PM	3.2833	4014.13
12/09/02 01:02:30 PM	3.2917	4013.40
12/09/02 01:03:00 PM	3.3000	4010.95
12/09/02 01:03:30 PM	3.3083	4010.47
12/09/02 01:04:00 PM	3.3167	4010.61
12/09/02 01:04:30 PM	3.3250	4013.68
12/09/02 01:05:00 PM	3.3333	4017.04
12/09/02 01:05:30 PM	3.3417	4016.24
12/09/02 01:06:00 PM	3.3500	4014.28
12/09/02 01:06:30 PM	3.3583	4016.86
12/09/02 01:07:00 PM	3.3667	4016.67
12/09/02 01:07:30 PM	3.3750	4013.88
12/09/02 01:08:00 PM	3.3833	4013.67
12/09/02 01:08:30 PM	3.3917	4013.33
12/09/02 01:09:00 PM	3.4000	4016.17
12/09/02 01:09:30 PM	3.4083	4019.77
12/09/02 01:10:00 PM	3.4167	4019.44
12/09/02 01:10:30 PM	3.4250	4017.31
12/09/02 01:11:00 PM	3.4333	4019.29
12/09/02 01:11:30 PM	3.4417	4020.47

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	REMARKS - JOB NUMBER: 56475
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12/09/02 01:12:00 PM	3.4500	4018.14	
12/09/02 01:12:30 PM	3.4583	4016.80	
12/09/02 01:13:00 PM	3.4667	4016.04	
12/09/02 01:13:30 PM	3.4750	4018.75	
12/09/02 01:14:00 PM	3.4833	4016.04	
12/09/02 01:14:30 PM	3.4917	4022.08	
12/09/02 01:15:00 PM	3.5000	4022.51	
12/09/02 01:15:01 PM			START 7TH RATE @ 175 BPD
12/09/02 01:15:30 PM	3.5083	4024.49	
12/09/02 01:16:00 PM	3.5167	4022.43	
12/09/02 01:16:30 PM	3.5250	4020.56	
12/09/02 01:17:00 PM	3.5333	4026.78	
12/09/02 01:17:30 PM	3.5417	4023.95	
12/09/02 01:18:00 PM	3.5500	4027.82	
12/09/02 01:18:30 PM	3.5583	4021.67	
12/09/02 01:19:00 PM	3.5667	4024.14	
12/09/02 01:19:30 PM	3.5750	4028.58	
12/09/02 01:20:00 PM	3.5833	4026.93	
12/09/02 01:20:30 PM	3.5917	4028.33	
12/09/02 01:21:00 PM	3.6000	4023.31	
12/09/02 01:21:30 PM	3.6083	4029.02	
12/09/02 01:22:00 PM	3.6167	4027.55	
12/09/02 01:22:30 PM	3.6250	4031.18	
12/09/02 01:23:00 PM	3.6333	4026.86	
12/09/02 01:23:30 PM	3.6417	4027.02	
12/09/02 01:24:00 PM	3.6500	4032.14	
12/09/02 01:24:30 PM	3.6583	4029.58	
12/09/02 01:25:00 PM	3.6667	4032.63	
12/09/02 01:25:30 PM	3.6750	4026.53	
12/09/02 01:26:00 PM	3.6833	4030.42	
12/09/02 01:26:30 PM	3.6917	4032.24	
12/09/02 01:27:00 PM	3.7000	4033.26	
12/09/02 01:27:30 PM	3.7083	4031.72	
12/09/02 01:28:00 PM	3.7167	4029.40	
12/09/02 01:28:30 PM	3.7250	4035.07	
12/09/02 01:29:00 PM	3.7333	4032.46	
12/09/02 01:29:30 PM	3.7417	4036.30	
12/09/02 01:30:00 PM	3.7500	4030.27	
12/09/02 01:30:30 PM	3.7583	4032.62	
12/09/02 01:31:00 PM	3.7667	4036.58	
12/09/02 01:31:30 PM	3.7750	4034.75	
12/09/02 01:32:00 PM	3.7833	4036.47	
12/09/02 01:32:30 PM	3.7917	4031.49	
12/09/02 01:33:00 PM	3.8000	4037.57	
12/09/02 01:33:30 PM	3.8083	4035.63	
12/09/02 01:34:00 PM	3.8167	4038.36	
12/09/02 01:34:30 PM	3.8250	4034.87	
12/09/02 01:35:00 PM	3.8333	4034.71	

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	REMARKS - JOB NUMBER: 56475
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12/09/02 01:35:30 PM	3.8417	4039.55
12/09/02 01:36:00 PM	3.8500	4037.21
12/09/02 01:36:30 PM	3.8583	4040.21
12/09/02 01:37:00 PM	3.8667	4034.11
12/09/02 01:37:30 PM	3.8750	4037.87
12/09/02 01:38:00 PM	3.8833	4039.77
12/09/02 01:38:30 PM	3.8917	4040.39
12/09/02 01:39:00 PM	3.9000	4038.86
12/09/02 01:39:30 PM	3.9083	4036.61
12/09/02 01:40:00 PM	3.9167	4042.09
12/09/02 01:40:30 PM	3.9250	4039.52
12/09/02 01:41:00 PM	3.9333	4043.43
12/09/02 01:41:30 PM	3.9417	4037.50
12/09/02 01:42:00 PM	3.9500	4039.17
12/09/02 01:42:30 PM	3.9583	4043.62
12/09/02 01:43:00 PM	3.9667	4041.47
12/09/02 01:43:30 PM	3.9750	4043.53
12/09/02 01:44:00 PM	3.9833	4038.22
12/09/02 01:44:30 PM	3.9917	4043.73
12/09/02 01:45:00 PM	4.0000	4042.31
12/09/02 01:45:01 PM		
12/09/02 01:45:30 PM	4.0083	4044.91
12/09/02 01:46:00 PM	4.0167	4038.41
12/09/02 01:46:30 PM	4.0250	4043.76
12/09/02 01:47:00 PM	4.0333	4044.89
12/09/02 01:47:30 PM	4.0417	4049.50
12/09/02 01:48:00 PM	4.0500	4050.20
12/09/02 01:48:30 PM	4.0583	4041.59
12/09/02 01:49:00 PM	4.0667	4047.27
12/09/02 01:49:30 PM	4.0750	4050.35
12/09/02 01:50:00 PM	4.0833	4050.66
12/09/02 01:50:30 PM	4.0917	4050.25
12/09/02 01:51:00 PM	4.1000	4044.46
12/09/02 01:51:30 PM	4.1083	4049.98
12/09/02 01:52:00 PM	4.1167	4053.59
12/09/02 01:52:30 PM	4.1250	4051.93
12/09/02 01:53:00 PM	4.1333	4050.66
12/09/02 01:53:30 PM	4.1417	4046.87
12/09/02 01:54:00 PM	4.1500	4052.76
12/09/02 01:54:30 PM	4.1583	4056.40
12/09/02 01:55:00 PM	4.1667	4052.00
12/09/02 01:55:30 PM	4.1750	4051.91
12/09/02 01:56:00 PM	4.1833	4049.47
12/09/02 01:56:30 PM	4.1917	4056.41
12/09/02 01:57:00 PM	4.2000	4058.53
12/09/02 01:57:30 PM	4.2083	4052.00
12/09/02 01:58:00 PM	4.2167	4053.79
12/09/02 01:58:30 PM	4.2250	4052.19

START 8TH RATE @ 200 BPD

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	REMARKS - JOB NUMBER: 56475
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12/09/02 01:59:00 PM	4.2333	4059.00
12/09/02 01:59:30 PM	4.2417	4060.24
12/09/02 02:00:00 PM	4.2500	4051.86
12/09/02 02:00:30 PM	4.2583	4055.65
12/09/02 02:01:00 PM	4.2667	4055.53
12/09/02 02:01:30 PM	4.2750	4060.17
12/09/02 02:02:00 PM	4.2833	4061.08
12/09/02 02:02:30 PM	4.2917	4052.92
12/09/02 02:03:00 PM	4.3000	4057.64
12/09/02 02:03:30 PM	4.3083	4059.81
12/09/02 02:04:00 PM	4.3167	4060.89
12/09/02 02:04:30 PM	4.3250	4060.73
12/09/02 02:05:00 PM	4.3333	4054.46
12/09/02 02:05:30 PM	4.3417	4059.73
12/09/02 02:06:00 PM	4.3500	4063.06
12/09/02 02:06:30 PM	4.3583	4060.88
12/09/02 02:07:00 PM	4.3667	4059.71
12/09/02 02:07:30 PM	4.3750	4056.41
12/09/02 02:08:00 PM	4.3833	4062.58
12/09/02 02:08:30 PM	4.3917	4065.15
12/09/02 02:09:00 PM	4.4000	4060.64
12/09/02 02:09:30 PM	4.4083	4060.92
12/09/02 02:10:00 PM	4.4167	4058.61
12/09/02 02:10:30 PM	4.4250	4065.58
12/09/02 02:11:00 PM	4.4333	4066.87
12/09/02 02:11:30 PM	4.4417	4059.64
12/09/02 02:12:00 PM	4.4500	4061.77
12/09/02 02:12:30 PM	4.4583	4061.13
12/09/02 02:13:00 PM	4.4667	4066.75
12/09/02 02:13:30 PM	4.4750	4067.60
12/09/02 02:14:00 PM	4.4833	4059.86
12/09/02 02:14:30 PM	4.4917	4063.77
12/09/02 02:15:00 PM	4.5000	4064.45
12/09/02 02:15:01 PM		
12/09/02 02:15:30 PM	4.5083	4067.29
12/09/02 02:16:00 PM	4.5167	4067.61
12/09/02 02:16:30 PM	4.5250	4060.82
12/09/02 02:17:00 PM	4.5333	4065.75
12/09/02 02:17:30 PM	4.5417	4064.52
12/09/02 02:18:00 PM	4.5500	4073.12
12/09/02 02:18:30 PM	4.5583	4070.46
12/09/02 02:19:00 PM	4.5667	4070.08
12/09/02 02:19:30 PM	4.5750	4071.23
12/09/02 02:20:00 PM	4.5833	4068.77
12/09/02 02:20:30 PM	4.5917	4069.85
12/09/02 02:21:00 PM	4.6000	4076.70
12/09/02 02:21:30 PM	4.6083	4074.04
12/09/02 02:22:00 PM	4.6167	4072.31

START 9TH RATE @ 225 BPD

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	REMARKS - JOB NUMBER: 56475
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12/09/02 02:22:30 PM	4.6250	4074.12
12/09/02 02:23:00 PM	4.6333	4071.69
12/09/02 02:23:30 PM	4.6417	4071.86
12/09/02 02:24:00 PM	4.6500	4078.79
12/09/02 02:24:30 PM	4.6583	4077.91
12/09/02 02:25:00 PM	4.6667	4074.93
12/09/02 02:25:30 PM	4.6750	4077.15
12/09/02 02:26:00 PM	4.6833	4075.50
12/09/02 02:26:30 PM	4.6917	4073.50
12/09/02 02:27:00 PM	4.7000	4079.91
12/09/02 02:27:30 PM	4.7083	4081.90
12/09/02 02:28:00 PM	4.7167	4078.00
12/09/02 02:28:30 PM	4.7250	4079.28
12/09/02 02:29:00 PM	4.7333	4078.76
12/09/02 02:29:30 PM	4.7417	4076.18
12/09/02 02:30:00 PM	4.7500	4080.72
12/09/02 02:30:30 PM	4.7583	4084.91
12/09/02 02:31:00 PM	4.7667	4081.03
12/09/02 02:31:30 PM	4.7750	4081.12
12/09/02 02:32:00 PM	4.7833	4081.25
12/09/02 02:32:30 PM	4.7917	4079.11
12/09/02 02:33:00 PM	4.8000	4080.53
12/09/02 02:33:30 PM	4.8083	4086.61
12/09/02 02:34:00 PM	4.8167	4083.52
12/09/02 02:34:30 PM	4.8250	4082.62
12/09/02 02:35:00 PM	4.8333	4083.84
12/09/02 02:35:30 PM	4.8417	4081.13
12/09/02 02:36:00 PM	4.8500	4081.50
12/09/02 02:36:30 PM	4.8583	4088.30
12/09/02 02:37:00 PM	4.8667	4086.54
12/09/02 02:37:30 PM	4.8750	4084.27
12/09/02 02:38:00 PM	4.8833	4085.89
12/09/02 02:38:30 PM	4.8917	4083.42
12/09/02 02:39:00 PM	4.9000	4082.86
12/09/02 02:39:30 PM	4.9083	4089.45
12/09/02 02:40:00 PM	4.9167	4089.30
12/09/02 02:40:30 PM	4.9250	4086.12
12/09/02 02:41:00 PM	4.9333	4087.85
12/09/02 02:41:30 PM	4.9417	4086.40
12/09/02 02:42:00 PM	4.9500	4084.11
12/09/02 02:42:30 PM	4.9583	4090.29
12/09/02 02:43:00 PM	4.9667	4091.80
12/09/02 02:43:30 PM	4.9750	4088.54
12/09/02 02:44:00 PM	4.9833	4089.29
12/09/02 02:44:30 PM	4.9917	4088.70
12/09/02 02:44:31 PM		START 10TH RATE @ 250 BPD
12/09/02 02:45:00 PM	5.0000	4086.10
12/09/02 02:45:30 PM	5.0083	4090.30

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	REMARKS - JOB NUMBER: 56475
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12/09/02 02:46:00 PM	5.0167	4094.18
12/09/02 02:46:30 PM	5.0250	4090.39
12/09/02 02:47:00 PM	5.0333	4089.00
12/09/02 02:47:30 PM	5.0417	4094.25
12/09/02 02:48:00 PM	5.0500	4091.18
12/09/02 02:48:30 PM	5.0583	4091.44
12/09/02 02:49:00 PM	5.0667	4092.45
12/09/02 02:49:30 PM	5.0750	4093.30
12/09/02 02:50:00 PM	5.0833	4092.77
12/09/02 02:50:30 PM	5.0917	4091.07
12/09/02 02:51:00 PM	5.1000	4095.75
12/09/02 02:51:30 PM	5.1083	4093.96
12/09/02 02:52:00 PM	5.1167	4091.37
12/09/02 02:52:30 PM	5.1250	4098.69
12/09/02 02:53:00 PM	5.1333	4094.19
12/09/02 02:53:30 PM	5.1417	4092.60
12/09/02 02:54:00 PM	5.1500	4097.88
12/09/02 02:54:30 PM	5.1583	4095.35
12/09/02 02:55:00 PM	5.1667	4095.06
12/09/02 02:55:30 PM	5.1750	4095.61
12/09/02 02:56:00 PM	5.1833	4097.14
12/09/02 02:56:30 PM	5.1917	4096.60
12/09/02 02:57:00 PM	5.2000	4094.22
12/09/02 02:57:30 PM	5.2083	4099.42
12/09/02 02:58:00 PM	5.2167	4097.13
12/09/02 02:58:30 PM	5.2250	4095.23
12/09/02 02:59:00 PM	5.2333	4102.01
12/09/02 02:59:30 PM	5.2417	4097.64
12/09/02 03:00:00 PM	5.2500	4096.25
12/09/02 03:00:30 PM	5.2583	4100.98
12/09/02 03:01:00 PM	5.2667	4098.74
12/09/02 03:01:30 PM	5.2750	4098.40
12/09/02 03:02:00 PM	5.2833	4098.84
12/09/02 03:02:30 PM	5.2917	4100.63
12/09/02 03:03:00 PM	5.3000	4099.92
12/09/02 03:03:30 PM	5.3083	4097.56
12/09/02 03:04:00 PM	5.3167	4103.26
12/09/02 03:04:30 PM	5.3250	4100.65
12/09/02 03:05:00 PM	5.3333	4098.40
12/09/02 03:05:30 PM	5.3417	4104.21
12/09/02 03:06:00 PM	5.3500	4100.52
12/09/02 03:06:30 PM	5.3583	4099.75
12/09/02 03:07:00 PM	5.3667	4103.71
12/09/02 03:07:30 PM	5.3750	4102.08
12/09/02 03:08:00 PM	5.3833	4101.69
12/09/02 03:08:30 PM	5.3917	4100.61
12/09/02 03:09:00 PM	5.4000	4103.81
12/09/02 03:09:30 PM	5.4083	4102.86

REAL TIME	DELTA TIME, HOURS	BOTTOMHOLE PRESSURE, PSIA	REMARKS - JOB NUMBER: 56475
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12/09/02 03:10:00 PM	5.4167	4100.35	
12/09/02 03:10:30 PM	5.4250	4106.61	
12/09/02 03:11:00 PM	5.4333	4103.45	
12/09/02 03:11:30 PM	5.4417	4101.35	
12/09/02 03:12:00 PM	5.4500	4107.10	
12/09/02 03:12:30 PM	5.4583	4103.69	
12/09/02 03:13:00 PM	5.4667	4103.33	
12/09/02 03:13:30 PM	5.4750	4105.77	
12/09/02 03:14:00 PM	5.4833	4105.63	
12/09/02 03:14:30 PM	5.4917	4104.97	
12/09/02 03:15:00 PM	5.5000	4103.79	
12/09/02 03:15:30 PM	5.5083	4107.68	
12/09/02 03:15:31 PM			END FINAL RATE
12/09/02 03:16:00 PM	5.5167	4097.60	
12/09/02 03:16:30 PM	5.5250	4094.35	
12/09/02 03:17:00 PM	5.5333	4090.79	
12/09/02 03:17:30 PM	5.5417	4089.16	
12/09/02 03:18:00 PM	5.5500	4087.26	
12/09/02 03:18:30 PM	5.5583	4085.38	
12/09/02 03:19:00 PM	5.5667	4083.80	
12/09/02 03:19:30 PM	5.5750	4082.58	
12/09/02 03:20:00 PM	5.5833	4081.11	
12/09/02 03:20:30 PM	5.5917	4079.66	
12/09/02 03:20:31 PM			OFF BOTTOM W/ GAUGES



OPERATIONS LOG

COMPANY: SAGA PETROLEUM CORP.
LEASE: CENTRAL CORBIN QUEEN # 212
FIELD (FORMATION): ()
COUNTY: EDDY
STATE: NM

TEST TYPE: STEP-RATE

ENGINEER: JOE CLEMENTS
FIELD REP: RODNEY LONG
JOB RUN BY: MAX WHEELER
DATA PREPARED BY: ROD DODSON
INSTRUMENT: A-39

DATE	TIME	DWG	OPERATIONS LOG - JOB NUMBER: 56475
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12/9/02 08:30:00 AM			ON LOCATION
12/9/02 09:45:00 AM			START GAUGE #A-39
12/9/02 09:58:00 AM	1838		IN LUBRICATOR W/ GAUGES
12/9/02 10:13:00 AM	1838		ON BOTTOM W/ GAUGES @ 4205*
12/9/02 10:19:01 AM	1838		START 1ST RATE @ 25 BPD
12/9/02 10:45:31 AM	1890		START 2ND RATE @ 50 BPD
12/9/02 11:16:01 AM	1936		START 3RD RATE @ 75 BPD
12/9/02 11:45:01 AM	1978		START 4TH RATE @ 100 BPD
12/9/02 12:16:31 PM	2008		START 5TH RATE @ 125 BPD
12/9/02 12:45:01 PM	2062		START 6TH RATE @ 150 BPD
12/9/02 01:15:01 PM	2082		START 7TH RATE @ 175 BPD
12/9/02 01:45:01 PM	2104		START 8TH RATE @ 200 BPD
12/9/02 02:15:01 PM	2112		START 9TH RATE @ 225 BPD
12/9/02 02:44:31 PM	2124		START 10TH RATE @ 250 BPD
12/9/02 03:15:31 PM	2136		END FINAL RATE
12/9/02 03:20:31 PM			OFF BOTTOM W/ GAUGES

DATE	TIME	DWG	OPERATIONS LOG - JOB NUMBER: 56475
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* Tagged bottom @ 4249' prior to running gauges