



Step Rate Injection Test Report

for

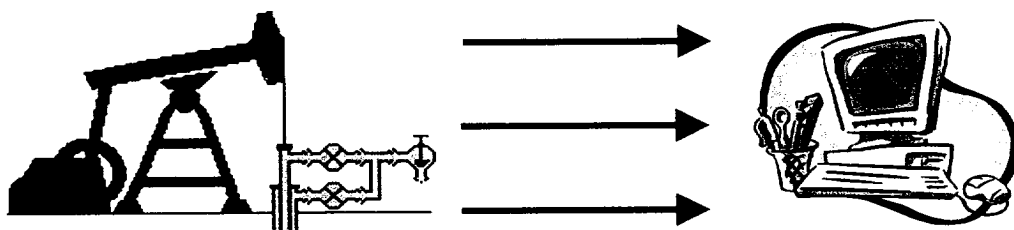
Chevron / Texaco

GSAU #235

Unit Letter H

Sec.1 - T18S - R34E

01/17/02



10 11 12 13 14
FEB 2002
RECEIVED
Hobbs
OCD

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FEB 21



COMPANY : Chevron / Texaco
WELL : GSAU #235
COMPANY REP: Brett McQueen
PERFORATIONS: N/A

N/A

SERVICE DATES : 01/17/02
TEST TYPE : Step Rate
PPS TECHNICIANS : Joe Brown
BHP GAUGE DEPTH: N/A

01/17/02	15:00	Started Test
01/17/02	15:05	
01/17/02	15:10	
01/17/02	15:15	Rate #1
01/17/02	15:20	
01/17/02	15:25	
01/17/02	15:30	Rate #2
01/17/02	15:35	
01/17/02	15:40	
01/17/02	15:45	Rate #3
01/17/02	15:50	
01/17/02	15:55	
01/17/02	16:00	Rate #4
01/17/02	16:05	
01/17/02	16:10	
01/17/02	16:15	Rate #5
01/17/02	16:20	
01/17/02	16:25	
01/17/02	16:30	Rate #6
01/17/02	16:35	
01/17/02	16:40	
01/17/02	16:45	Rate #7
01/17/02	16:50	
01/17/02	16:55	
01/17/02	17:00	Rate #8
01/17/02	17:05	
01/17/02	17:10	
01/17/02	17:15	Rate #9
01/17/02	17:20	
01/17/02	17:25	
01/17/02	17:30	Rate #10
01/17/02	17:35	
01/17/02	17:40	
01/17/02	17:45	Rate #11
01/17/02	17:50	
01/17/02	17:55	
01/17/02	18:00	Rate #12
01/17/02	18:05	
01/17/02	18:10	
01/17/02	18:15	Rate #13
01/17/02	18:20	
01/17/02	18:25	
01/17/02	18:30	Rate #14
01/17/02	18:35	
01/17/02	18:40	
01/17/02	18:45	Rate #15
01/17/02	18:46	Fall Off

FLD 2
H-
F-
G-



COMPANY : Chevron / Texaco
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 COMPANY REP: Brett McQueen
 PERFORATIONS: N/A

SERVICE DATES : 01/17/02
 TEST TYPE : Step Rate
 PPS TECHNICIANS : Joe Brown
 BHP GAUGE DEPTH: N/A

Time	Pressure (PSI)	Flow Rate (GPM)	Pressure (PSI)	Flow Rate (GPM)	Pressure (PSI)	Flow Rate (GPM)
15:00	805.4					
15:05	817.4	1.7	487.1	14.21		
15:10	850.0	3.4	496.1	14.47		
1 15:15	872.2	5.1	480.1	14.00		
15:20	938.7	7.7	759.8	22.16		
15:25	927.2	10.5	802.2	23.40		
2 15:30	958.9	13.3	800.3	23.34		
15:35	1066.1	17.0	1080.9	31.53		
15:40	1067.7	20.8	1091.6	31.84		
3 15:45	1062.0	24.6	1091.0	31.82		
15:50	1120.2	29.4	1376.1	40.14		
15:55	1139.7	34.2	1396.1	40.72		
4 16:00	1154.5	39.1	1395.5	40.70		
16:05	1222.4	45.0	1691.0	49.32		
16:10	1232.1	50.9	1710.6	49.89		
5 16:15	1245.6	56.8	1711.3	49.91		
16:20	1305.8	63.8	2005.2	58.48		
16:25	1319.3	70.8	2016.8	58.82		
6 16:30	1335.0	77.9	2046.2	59.68		
16:35	1395.9	86.0	2318.9	67.63		
16:40	1412.3	94.0	2317.4	67.59		
7 16:45	1431.1	102.1	2324.3	67.79		
16:50	1474.3	111.2	2613.3	76.22		
16:55	1495.5	120.3	2622.6	76.49		
8 17:00	1509.9	129.4	2625.0	76.56		
17:05	1558.3	139.4	2888.4	84.24		
17:10	1561.9	149.5	2901.0	84.61		
9 17:15	1577.1	159.6	2905.2	84.74		
17:20	1619.9	170.5	3153.8	91.09		
17:25	1623.0	181.5	3172.9	92.54		
10 17:30	1637.0	192.5	3173.6	92.56		
17:35	1672.7	204.4	3418.0	99.69		
17:40	1690.9	216.3	3416.4	99.64		



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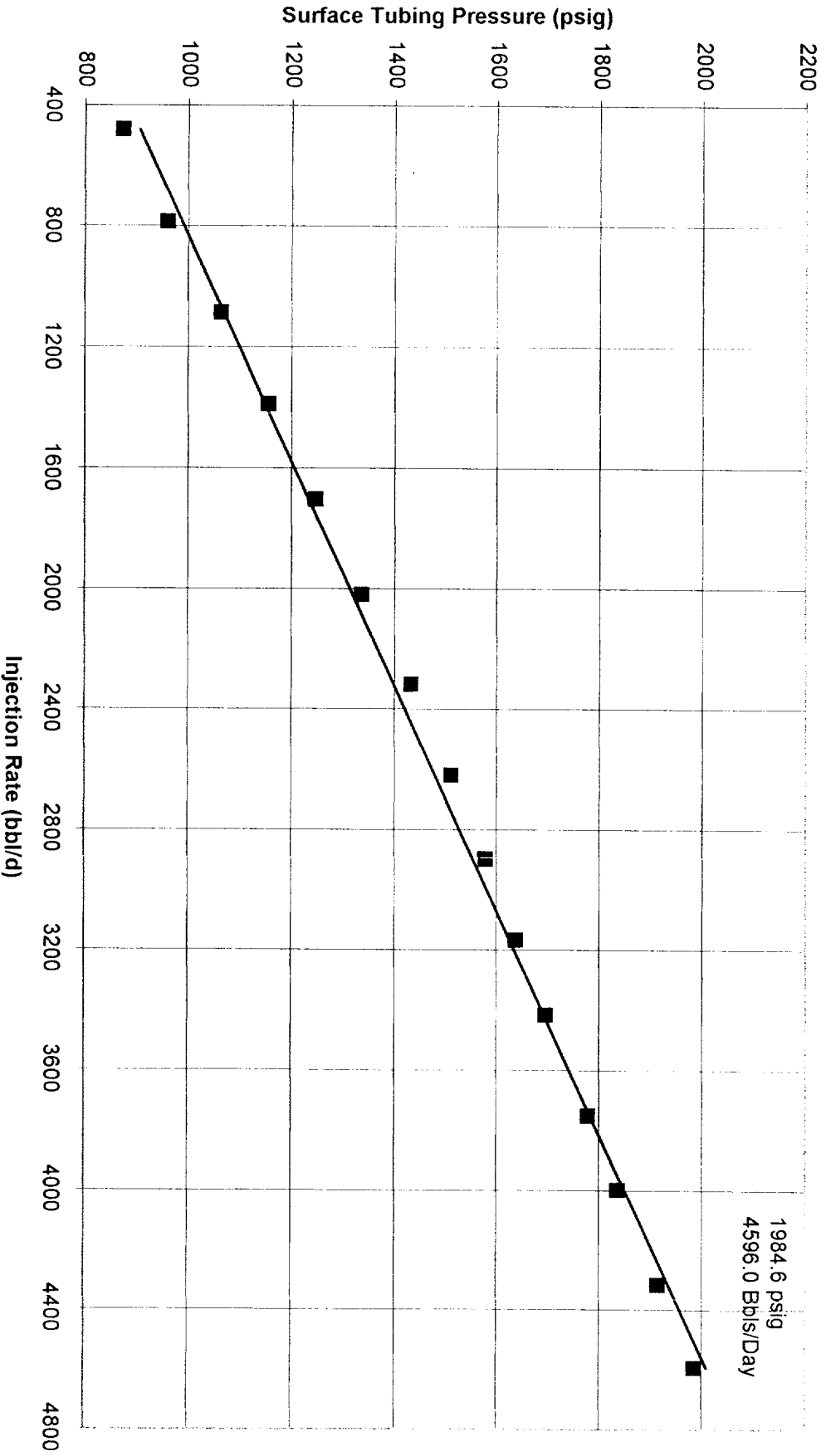
SERVICE DATES : 01/17/02
 TEST TYPE : Step Rate
 PPS TECHNICIANS : Joe Brown
 BHP GAUGE DEPTH: N/A

Time	Pressure (psi)	Flow Rate (bbl/d)	Pressure (psi)	Flow Rate (bbl/d)	Pressure (psi)	Flow Rate (bbl/d)
11	17:45	1694.8	228.1	3418.5	99.71	
	17:50	1754.0	241.1	3734.4	108.92	
	17:55	1764.9	254.2	3761.7	109.72	
12	18:00	1777.2	267.2	3759.3	109.65	
	18:05	1813.9	281.1	3999.2	116.64	
	18:10	1832.1	295.0	4004.3	116.79	
13	18:15	1834.7	308.9	3997.5	116.59	
	18:20	1891.8	323.9	4320.1	126.00	
	18:25	1902.1	338.9	4317.6	125.93	
14	18:30	1913.6	353.9	4321.7	126.05	
	18:35	1956.0	369.8	4586.9	133.79	
	18:40	1974.9	385.8	4600.3	134.18	
Falloff	18:45	1984.6	401.8	4600.7	134.19	
	18:46	1628.8				
	18:47	1613.7				
	18:48	1594.3				
	18:49	1575.3				
	18:50	1558.1				
	18:55	1489.8				
	19:00	1439.9				

PPS
 Joe Brown

Pacific PROCESS SYSTEMS, Inc.

Step Rate Injection Test



A
FEB 2002
ACCEPTED
HOBBS
NM

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