

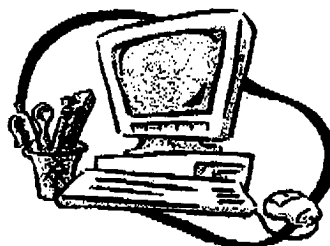
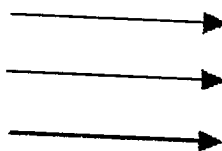


Step Rate Injection Test Report

for

Petroleum Development Corp.

Hahn Federal #5



Went to
David Catarach
4/10/01 -
per GLW problem
test.

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SECTION III	DATA REPORT
SECTION IV	CHART



COMPANY: Petroleum Development Corp.
WELL: Hahn Federal #5
COMPANY REP: Sam Southard
PERFORATIONS: 3973 - 3999

PACKER DEPTH: 3891

SERVICE DATES: March 2, 2001
TEST TYPE: Step Rate Injection
PTS TECHNICIANS: D. Ginanni
BHP GAUGE DEPTH:

03/02/01	14:53	Start Pumping @ 1100 BPD
03/02/01	14:58	
03/02/01	15:03	
03/02/01	15:08	Increase to 1300 BPD
03/02/01	15:13	
03/02/01	15:18	
03/02/01	15:23	Increase to 1700 BPD
03/02/01	15:28	
03/02/01	15:33	
03/02/01	15:38	Increase to 1900 BPD
03/02/01	15:43	
03/02/01	15:48	
03/02/01	15:53	Increase to 2100 BPD
03/02/01	15:58	
03/02/01	16:03	
03/02/01	16:08	Increase to 2400 BPD
03/02/01	16:13	
03/02/01	16:18	
03/02/01	16:23	Increase to 2700 BPD
03/02/01	16:28	
03/02/01	16:33	
03/02/01	16:38	Increase to 3000 BPD
03/02/01	16:43	Stop pumping, out of water.
03/02/01	16:44	Start Falloff
03/02/01	16:45	
03/02/01	16:46	
03/02/01	16:47	
03/02/01	16:48	
03/02/01	16:49	
03/02/01	16:54	
03/02/01	16:59	End of test.

Phone: (505) 391-8703
Fax: (505) 393-4753

P.O. Box 7125
Hobbs, NM 88240

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APR-02-01 MON 10:13 AM FROM:5052934133

TO:

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COMPANY : Petroleum Development Corp.
 WELL: Hahn Federal #5
 COMPANY REP: Sam Southard
 PERFORATIONS: 3973 - 3999

March 2, 2001
 Step Rate Injection
 D. Ginanni

PACKER DEPTH: 3891

	14:53	1554.1		1199.3	34.98	
	14:58	1543.6	4.3	1234.0	35.99	
	15:03	1613.7	9.1	1398.7	40.79	
1	15:08	1617.4	14.5	1554.4	45.34	
	15:13	1634.1	19.9	1535.9	44.80	
	15:18	1633.4	25.5	1607.6	46.89	
2	15:23	1629.7	31.0	1609.8	46.95	
	15:28	1644.2	36.6	1607.4	46.88	
	15:33	1731.7	42.8	1769.0	51.60	
3	15:38	1651.1	49.3	1892.1	55.19	
	15:43	1646.9	55.9	1892.1	55.19	
	15:48	1706.1	62.7	1954.8	57.02	
4	15:53	1713.7	69.7	2024.4	59.05	
	15:58	1656.0	76.8	2030.1	59.21	
	16:03	1746.1	84.1	2121.6	61.88	
5	16:08	1755.4	92.4	2378.7	69.38	
	16:13	1794.8	100.6	2368.2	69.07	
	16:18	1819.1	109.3	2506.1	73.09	
6	16:23	1818.3	118.7	2690.9	78.49	
	16:28	1866.7	128.1	2705.9	78.92	
	16:33	1941.2	138.4	2986.4	87.10	
7	16:38	1912.7	149.2	3088.3	90.07	
	16:43	1540.0	158.8	2769.3	80.77	
	16:44	1540.9				
	16:45	1540.7				
	16:46	1540.6				
	16:47	1540.6				
	16:48	1540.5				
	16:49	1540.7				
	16:54	1540.5				
	16:59	1540.7				

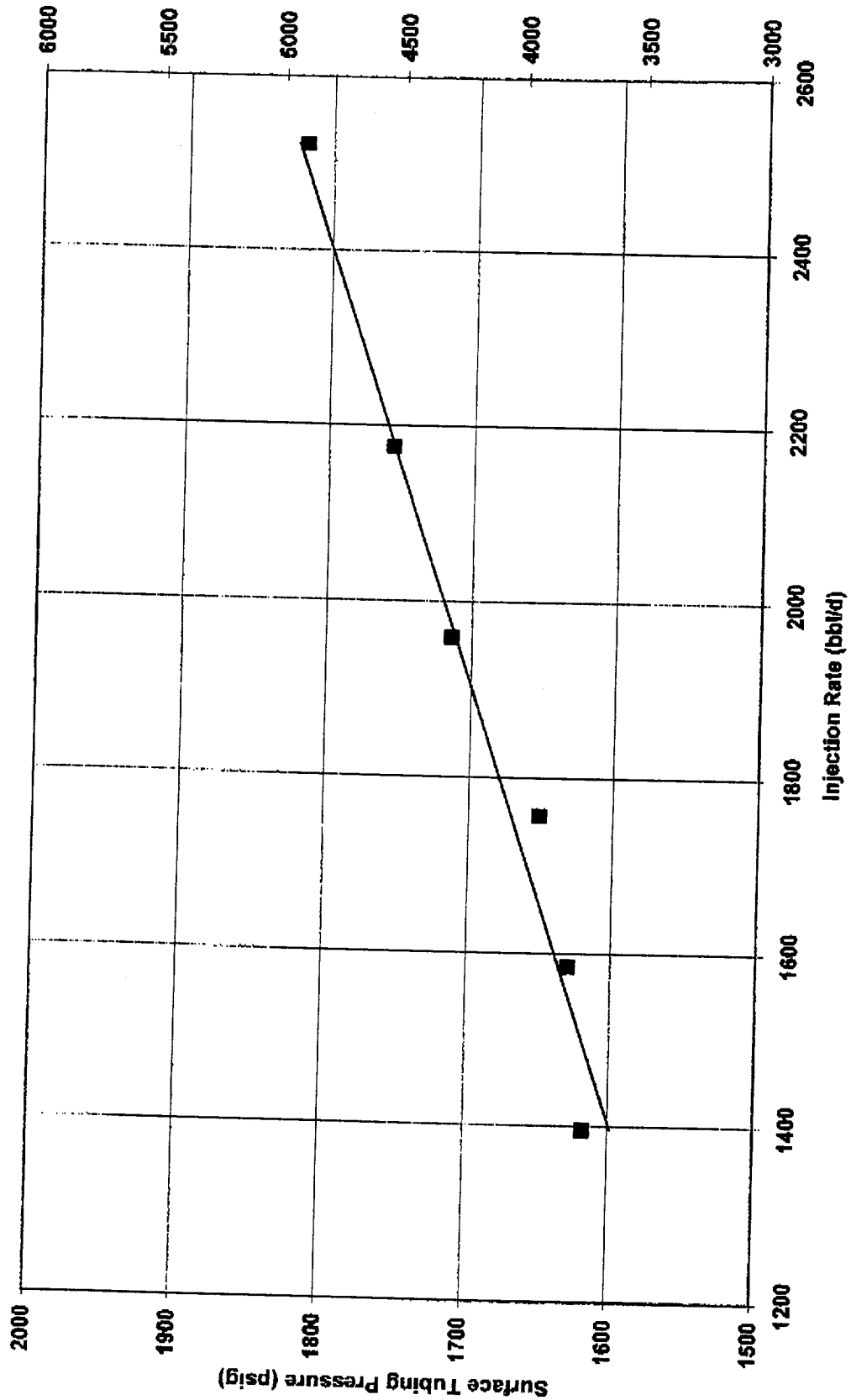
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Pacific PROCESS SYSTEMS, INC.

Step Rate Injection Test



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