

Step Rate Injection Test Report

for

30-025-32374

Texaco E & P Inc.

WDDU # 146 - C - 32-245-38e
810/N & 2096/W

8/15/01

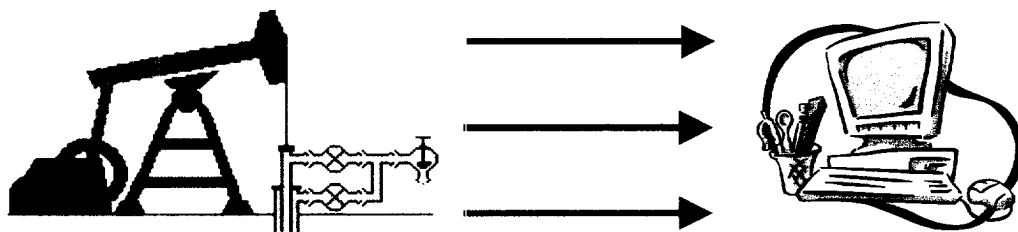


TABLE OF CONTENTS

SECTION I	CONTENTS
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SECTION II	SEQUENCE OF EVENTS
-------------------	---------------------------

SECTION III	DATA REPORT
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SECTION IV	CHART
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COMPANY : Texaco E & P Inc.
WELL: WDDU # 146
COMPANY REP: Tim Nein
PERFORATIONS: N/A

N/A

SERVICE DATES : 8/15/01
TEST TYPE : Step Rate
PPS TECHNICIANS : D. Ginanni
BHP GAUGE DEPTH: N/A

08/15/01	8:05	Open well, start pumping @ 500 BPD
08/15/01	8:35	Increase to 1000 BPD
		Increase to 1500 BPD
08/15/01	9:10	
08/15/01	9:35	Increase to 2000 BPD
08/15/01	10:05	Increase to 2500 BPD
08/15/01	10:35	Increase to 3000 BPD



COMPANY : Texaco E & P Inc.
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PERFORATIONS: N/A

N/A

SERVICE DATES : 8/15/01
TEST TYPE : Step Rate
PPS TECHNICIANS : D. Ginanni
BHP GAUGE DEPTH: N/A

08/15/01	8:05	Open well, start pumping @ 500 BPD
08/15/01	11:05	Increase to 3500 BPD
08/15/01	11:35	Cease pumping



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PERFORATIONS: N/A

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PPS TECHNICIANS : D. Ginanni
BHP GAUGE DEPTH: N/A

	8:05	1497.2				
	8:10	1541.0	1.8	506.2	14.76	
	8:15	1427.9	3.5	513.4	14.98	
	8:20	1506.1	5.4	527.9	15.40	
	8:25	1409.6	7.3	543.5	15.85	
	8:30	1482.5	9.2	565.2	16.49	
1	8:35	1436.2	12.7	991.2	28.91	
	8:40	1452.1	16.2	1013.5	29.56	
	8:45	1490.1	19.7	1019.6	29.74	
	8:50	1594.1	23.5	1091.8	31.84	
	8:55	1495.2	27.3	1087.6	31.72	
	9:00	1390.6	31.1	1090.5	31.81	
2	9:05	1545.7	36.6	1593.3	46.47	
	9:10	1538.8	42.2	1618.4	47.20	
	9:15	1588.5	47.9	1626.0	47.43	
	9:20	1599.8	53.5	1616.7	47.15	
	9:25	1568.0	59.1	1629.2	47.52	
	9:30	1575.4	64.8	1621.4	47.29	
3	9:35	1655.9	72.5	2230.0	65.04	
	9:40	1663.6	80.2	2202.7	64.25	
	9:45	1678.5	87.8	2197.8	64.10	
	9:50	1695.3	95.5	2206.6	64.36	
	9:55	1655.9	103.1	2212.5	64.53	
	10:00	1667.0	110.8	2215.0	64.60	
4	10:05	1774.3	119.9	2619.4	76.40	
	10:10	1795.0	128.9	2592.9	75.63	
	10:15	1760.4	137.9	2578.6	75.21	
	10:20	1772.3	146.9	2587.4	75.47	
	10:25	1828.0	155.8	2577.1	75.16	
	10:30	1880.0	164.9	2620.0	76.42	
5	10:35	1936.6	175.4	3025.4	88.24	
	10:40	1858.4	186.0	3040.0	88.67	
	10:45	1902.5	196.5	3038.3	88.62	



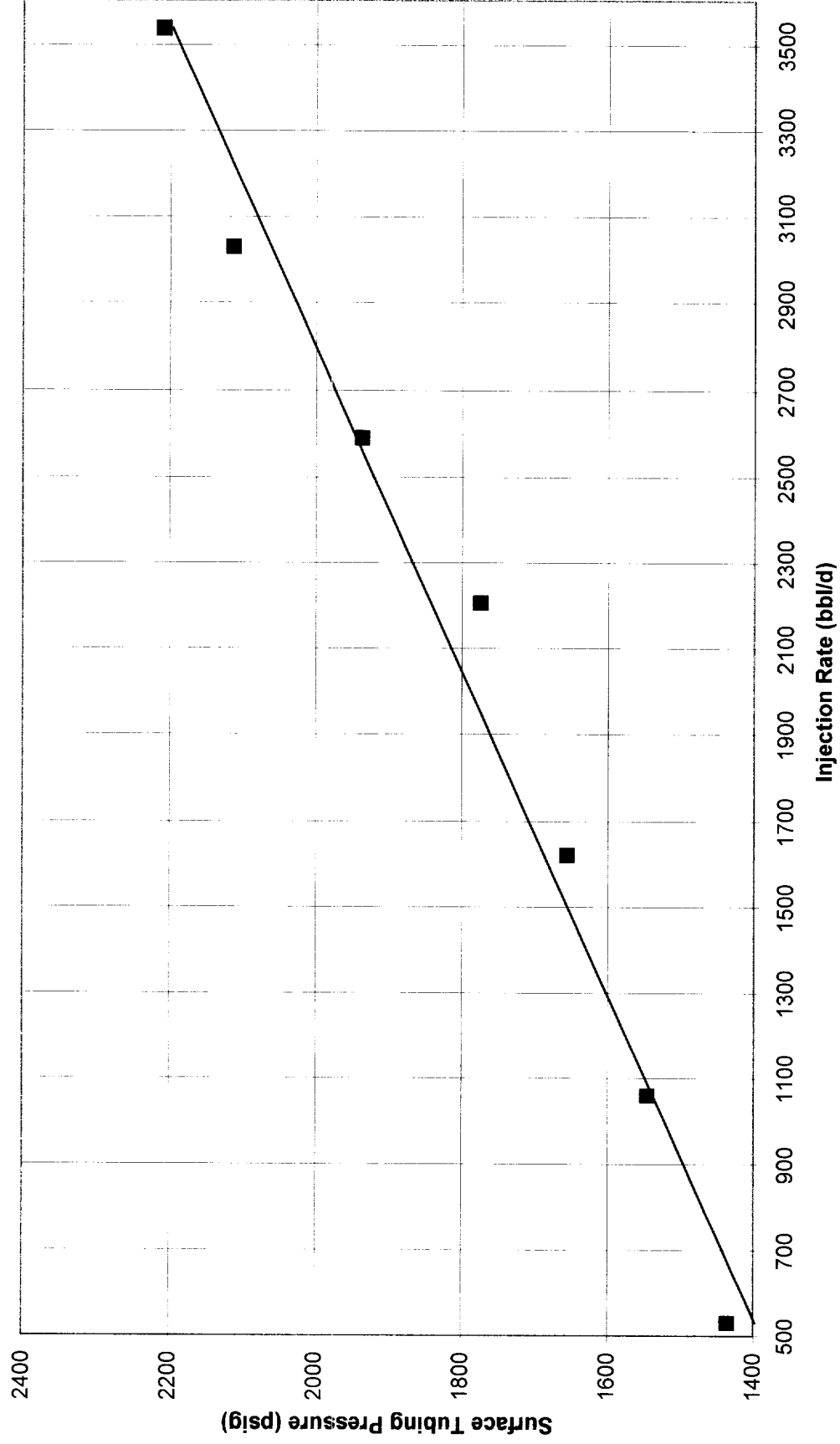
COMPANY : **Texaco E & P Inc.**
WELL: **WDDU # 146**
COMPANY REP: **Tim Nein**
PERFORATIONS: **N/A**

SERVICE DATES : **8/15/01**
TEST TYPE : **Step Rate**
PPS TECHNICIANS : **D. Ginanni**
BHP GAUGE DEPTH: **N/A**

	10:50	1952.6	207.0	3021.7	88.13	
	10:55	1996.8	217.4	3004.2	87.62	
	11:00	2169.6	228.0	3051.7	89.01	
6	11:05	2113.1	240.3	3533.5	103.06	
	11:10	2031.4	252.6	3533.9	103.07	
	11:15	2074.8	264.9	3533.8	103.07	
	11:20	2055.3	277.1	3538.9	103.22	
	11:25	2048.6	289.4	3539.1	103.22	
	11:30	2105.8	301.8	3548.8	103.51	
7	11:35	2208.6	315.5	3963.6	115.60	

Pacific *PROCESS SYSTEMS, INC.*

Step Rate Injection Test



Phone: (505) 392-8813
Fax: (505) 392-6612

3406 Lovington Hwy.
Hobbs, NM 88240