

Date: 17-Aug-07

Well Name:	Location:	Customer Rep:	Field Order #
FERGUSON #5-25	SEC. 25 - 2S - 62W	ED INGVE	7608
Stage:	Formation:	Treat Via:	Allowable Pressure Tbg Csg Well Type:
	J SAND	TUBING	8,000 OIL
County:	State:	Well Age:	PackerType: PackerDepth: Csg Size:
ADAMS	CO	REWORK	7,140 4.5
Type Of Service:	XL GELLED WATER FRAC	Csg Depth:	Tbg Size: Tbg Depth: Liner Size:
		7,182	2.875 7,140
Customer Name:	RENEGADE OIL & GAS	Liner Depth:	Liner Top: Liner Bot: Total Depth:
Address:			
	P.O. BOX 460413	Open Hole:	Csg Vol: BHT:
	AURORA CO 80046-0413		35.8
Remarks:	PUMPED 25.5 BBLS TO LOAD HOLE THEN RAMPED RATE UP TO 15 BPM RAN 100# ADOMITE REGAIN IN FIRST PART OF PAD THEN PLACED 80,980# 20/40 OTTOWA SAND @ 15 BPM. SHUT IN FOR 15 MIN. ISIP - 2040 PSI 5 MIN. - 1845 PSI / 10 MIN. - 1700 PSI / 15 MIN. - 1629 PSI	Perf Depths:	Perfs: TotalPerfs:
		7164 7170	20 36
		7178 7182	16
			0
			0
			0
			0

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	FOAM/FLD (gls)	FLUID (bbls)
	FLUID	N2/CO2	STP	ANNULUS				
11:21	0.1	0.0	-5	-3722	ST PAD		10,458	249
11:24	8.2	0.0	1463	-3722	HOLE LOADED - 25.5 BBLS			
11:27	14.2	0.0	3645	-3722	ST ADOMITE REGAIN			
11:40	15.0	0.0	5458	-3721	ST 1# 20/40 OTTOWA	5,636	5,636	134
11:42	15.1	0.0	5563	-3721	1# ON			
11:46	15.0	0.0	5543	-3722	ST 2# 20/40 OTTOWA	13,000	6,500	154
11:49	15.1	0.0	5638	-3722	2# ON			
11:56	15.0	0.0	5643	-3721	ST 3# 20/40 OTTOWA	20,500	6,833	163
11:58	15.0	0.0	5005	-3721	3# ON			
12:07	15.4	0.0	4960	-3721	ST 4# 20/40 OTTOWA	27,000	6,750	161
12:10	15.3	0.0	5036	-3722	4# ON			
12:19	15.1	0.0	4863	-3722	ST 4.5# 20/40 OTTOWA	14,844	3,192	76
12:21	15.1	0.0	4923	-3721	4.5# ON			
12:25	15.0	0.0	4984	-3722	ST FLUSH		1,630	39
12:28	5.7	0.0	1672	-3722	CUT FLUID - ISIP = 2040 PSI			
12:33	0.0	0.0	1843	-3722	5 MIN. - 1845 PSI			
12:38	0.0	0.0	1700	-3722	10 MIN. - 1700 PSI			
12:43	0.0	0.0	1629	-3722	15 MIN. - 1629 PSI			
Total:						80,980	40,999	976

Summary

Max Fl. Rate 15.4
Avg Fl. Rate 13.0
Max Psi 6,130

Avg Psi 4,409

1 hr - 1300#
3 hr - 950#
Open
3 1/2 hr - 750#
4 hr - 550#

Customer Acknowledgement:

Service Rating:

- ☐ Satisfactory
☐ Unsatisfactory

Treater:

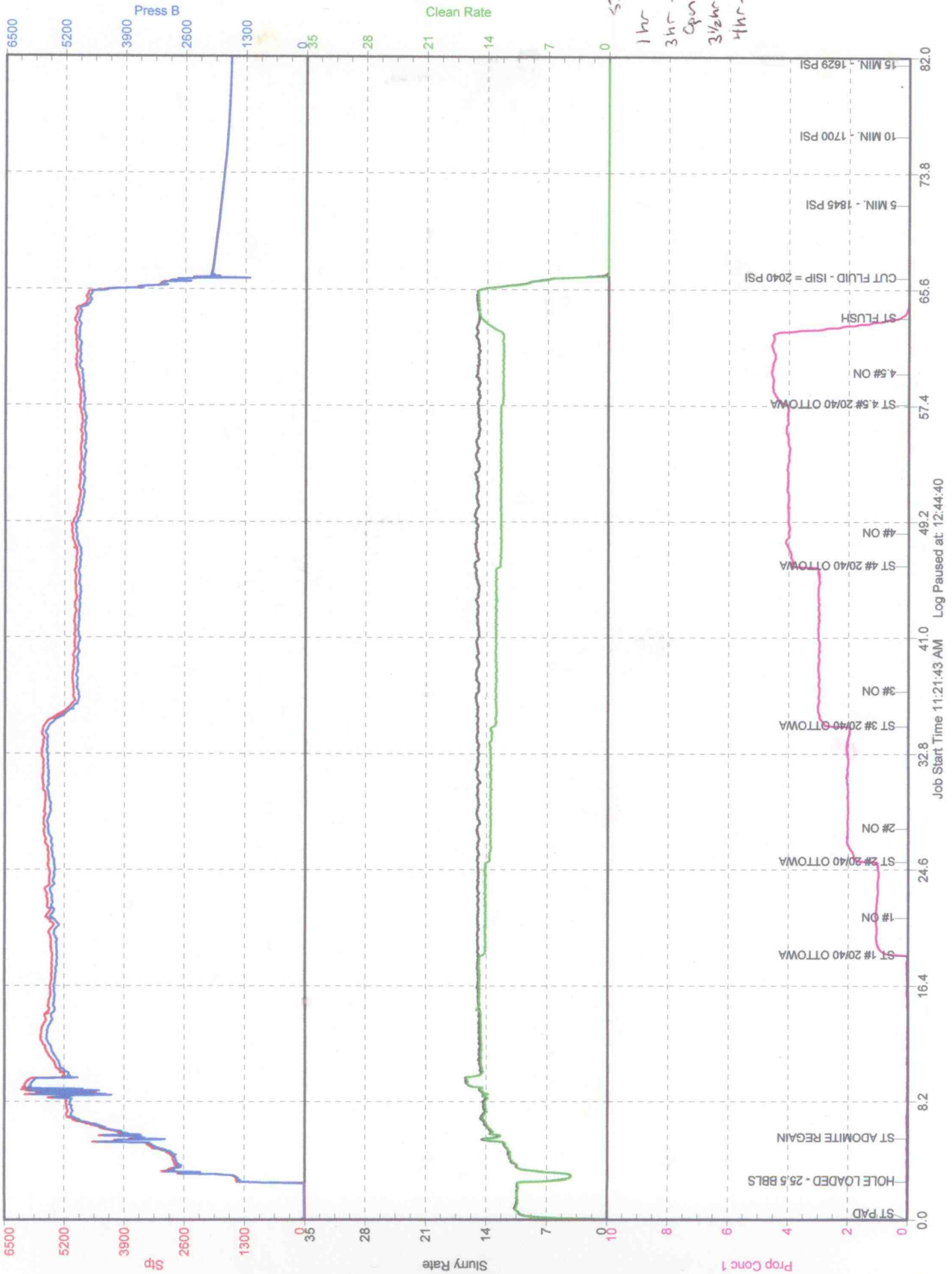
JAKE CUCKOW

PRODUCTS USED

CL-57, MAV-3, BREAKER 503-L, GB-3, HTS-1, B-2
S-1, ADOMITE REGAIN, ECOSOL A, MAVLINK
RW

RENEGADE OIL & GAS

FERGUSON #5-25 - J-SAND - XL GELLED WATER FRAC



5I

1hr - 950
3hr - 950
6hr - 750
3 1/2 hr - 750
4hr - 550

RENEGADE OIL AND GAS FERGUSON #5-25

