

(BELCO) SHOOTING-FRACCAIN REPORT

WELL	22A-21-592-D-LOG	LOG-18	LOBITOS	AREA	APB NR
	OFFICIAL NUMBER	BELCO NUMBER			
WATER FRAC. FRACCAIN FLUID	RIO-BRAVO FORMATION	6066'-4626' INTERVAL	448... MNF, 390 VNF NET SAND		114,940 GAL TOTAL VOL. TREAT. (G)

OPERATIONAL RESULTS

Perforated by: "GO"	1ST	2 ND	3 RD	4 TH					
Traced by: ESTEPSA	11	24	4	4					
INTERVAL: From:	6066	5374	5092	4868					
(ft) To:	5546	5118	4944	4626					
NET SAND: MNF	100	125	104	119					
VNF	87	108	90	105					
Date:	DEC 15/84	DEC 15/84	DEC 16/84	DEC 16/84					
SHOOTING Started at:	10.50	03.00	02.00	06.30					
Finished at:	12.30	01.00	04.00	06.30					
Shots	20	21	19	18					
Date:	DEC 15/84	DEC 16/84	DEC 16/84	DEC 16/84					
FRACCAIN Started at:	10.30 pm	01.10	04.45	06.50					
Finished:	11.15 pm	01.45	05.20	07.35					
Break down	3600	2600	2400	2100					
Pressure (psi)									
Inst. shut-in press. (psi)	2100	1800	1800	1700					
Rate (BPM)									
Average	26	24	20	16					
Maximum	4400	2600	2400	2300					
Pressure Minimum	2950	1900	1900	1800					
(psi) Average	4400	2100	2000	1950					
Standing	2100	1800	1800	1700					
Final (10')	1800	1600	1600	1600					
Volume of Treatment (gal)	27,410	31,010	25,720	30,800	114,940				
Pre-pad: gal	-	-	-	-					
Pad: gal	9,000	10,000	7,000	8,500					
Carry: gal	12,510	15,510	13,500	14,500					
Flush: gal	300	300	300	300					
Displacement gal	5600	5200	4920	4500					

MATERIALS

SAND 20/40	103	135	105	135	478				
(SKS) 10/20	128	152	164	209	653				
Proppant Carry (lb/gal)	1.847	1.85	1.99	1.966					
Conc. Form (3M/VNF)	2.655	2.657	2.989	3.276					
WG-11 #	850	900	780	850	3380				
GBW-3 lbs	15	15	15	15	60				
FRAC-FLD GAL	28	31	26	30	115				
SUPPLD B-T	6	6	6	6	24				
CLASTA	-	-	-	-					
PCL 2% lbs	4600	5100	4200	4700	18500				
RCN ball sealers									

ENGINEERS IVAN RODRIGUEZ Y B°

DATE: DEC 15-16/84 LOCATION: RAUL PRANCIA