(BELCO) SHOOTING-FRACCING REPORT

(29)

WELL	ZZA-21-5-5-D-206 OFFICIAL NUMBER	L06-21 BELCO NUMBER	LOBIT - OFFSHORE AREA	AFE NO

WATER FRACCING FLUID	RIO-BRAVO FORMATION	5100-3976 INTERVAL	305 MNF, 278 VNF NET SAND	79,080 TOTAL VOL. TREAT. (G

OPERATIONAL RESULTS

		1ST	2ST	3ST							
Perforated by: ------ Fracced by:											
INTERVAL (ft)	From:	5100	4506'	4136	5100						
	To:	4841	4314'	3976	3976						
NET SAND:	MNF	124	123	58	305						
	VNF	113	113	52	278						
SHOOTING	Date:	SET 8/84	SET 8/84	SET 8/84	-						
	Started at:	01.00	12.00	16.00	-						
	Finished at:	02.00	15.00	17.05	-						
	Shots	29	29	16	74						
FRACCING	Date:	SET 8/84	SET 8/84	SET 8/84	-						
	Started at:	11.00	15.15	17.20	-						
	Finished:	11.40	15.45	17.40	-						
Break down Pressure (psi)		2400	2000	2600	-						
					-						
					-						
Inst. shut-in press. (psi)		2000	1900	-	-						
Rate (BPM)					-						
					-						
					-						
	Average	25	24	26	-						
Pressure (psi)	Maximum	3300	2800	2700	-						
	Minimum	2000	2000	2500	-						
	Average	2650	2400	2600	-						
	Standing	2000	1600	2000	-						
	Final (10')	1800	1400	1700	-						
Volume of Treatment (gln)		31,420	30,760	16,900	79080						
Pre-pad: gln:		-	-	-	-						
Pad: gln:		5000	5000	5000	15,000						
Carry: gln:		21620	21,210	8000	50,830						
Flush: gln:		300	300	300	900						
Displacement gln:		4800	4250'	3600	12,650						

MATERIALS

SAND (Sxs)	20/40	140	142	168	450							
	10/20	166	168	189	523							
Proppant Conc.	Carry (lb/gln)	1.415	1.462	4.463	2.447	AVERAGE						
	Form (Sx/VNF)	2.708	2.743	6.865	4.105	AVERAGE						
WG-11 (Lbs)		950	950	1500	2400							
GBW-3 (Lbs)		16	16	9	41							
FRAC-FLO (GAL)		32	30	17	79							
CLA-STA (GAL)		32	30	17	79							
KCL (Lbs)		2615	2570	1424	6609							
RCN ball sealers		10	11	-	21							

ENGINEER: IVAN RODRIGUEZ

V°B°

DATE:

DISTRIBUTION: