

PETRO-TECH PERUANA S.A.

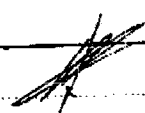
FIELD REPORT

TO: OSCAR NIETO F.
 FROM: Ricardo Corman Reyes
 SUBJECT: Perforating and Fraccing Job in LO16 - 26 well. Lobitos Offshore Area.
 Rio Bravo fm. 2nd. Stage (Interval: 6833'-6575').

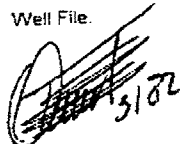
DATE	TIME	DESCRIPTION
Augt-24-02	15:00-20:00	POH 2 7/8" tbg. after set RBP at 7111'.
	20:00 - 24:00	Set and test Shooting Valve with 4000 psi. Next install lubricator and test at 1500 psi.
Augt-25-02	00:00 - 00:15	Halliburton Co gave a safety meeting.
	00:15 - 00:45	Prepare 3 3/8" OD guns (3 sh/ft).
	00:45 - 02:45	1st. Run Perforate: 6833'-6828' ; 6825'-6821' ; 6818'-6814' & 6811'-6806' ; 54 shots. WHP= 430 psi.
	02:45 - 03:15	Prepare 3 3/8" OD guns (3 sh/ft).
	03:15 - 04:30	2nd. Run Perforate: 6799'-6796' ; 6793'-6791' & 6777'-6773' ; 27 shots. WHP=430 psi.
	04:30 - 04:45	Prepare 3 3/8" OD guns (3 sh/ft).
	04:45 - 06:00	3rd. Run Perforate: 6760' - 6756' ; 6736' - 6732' ; 6730'-6726' & 6722' - 6718' ; 48 shots. WHP=530 psi.
	06:00 - 06:15	Prepare 3 3/8" OD guns (3 sh/ft).
	06:15 - 07:30	4th. Run Perforate: 6700' - 6696' ; 6672'-6666' ; 6663'-6660' & 6655' - 6651' ; 51 shots. WHP=530 psi.
	07:30 - 07:45	Prepare 3 3/8" OD guns (3 sh/ft).
	07:45 - 08:30	5th. Run Perforate: 6635'-6632' ; 6626'-6622' & 6619'-6615' ; 33 shots. WHP=450 psi.
	08:30 - 08:45	Prepare 3 3/8" OD guns (3 sh/ft).
	08:45 - 09:30	6th. Run Perforate: 6602' - 6597' ; 6595'-6593' ; 6590'-6586' & 6579' - 6575' ; 45 shots. WHP=450 psi. TOTAL=258 shots.
	09:30 - 15:15	K & C company take Initial Pressure. WHP= 600psig. Memory Gauge at 6710'M (3938'V)=2026 psig. For. Gr=0.514 psi/ft.
	15:15 - 15:30	BJ personal made safety meeting with all personal location.
	15:30 - 15:55	Test frac line with 5,000 psi. ok.
	15:55 - 16:35	Made FRAC. This job does not finished due screen out Opened well WHP= 600 psi. Used 506 Bls. of gelled sea water (SPECTRA FRAC G 3000.) 530 sxs. Of sand 20/40 Average pressure: 2750 psi. Maximum press. : 5700 psi Minimum press. : 2600 psi 10' press. : 420 psi Rate : 18 bpm.
	21:30	Open well with 1200 psi. dropped to 10 psi. On evaluation well.
Augt-26-02	20:00	Whit 2 7/8" tbg. took sand top at 4486'. Clean out sand whit circulation
Augt-27-02	15:30	Clean out sad from 4488' to 6575'. POOH tbg.
	21:00	Start shooting 3rd. Stage.

Date: Augt-27-2002

Supervised by: Ricardo Corman R.

Signature: 

cc: G. Ruesta / Well File.

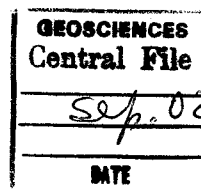


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FIELD REPORT

TO: OSCAR NIETO F.
 FROM: Ricardo Corman Reyes
 SUBJECT: Fraccing Job in **LO16 - 26** well (RIO BRAVO FM: 6514'-6200'). Lobitos Offshore Area.
 Third stage.

DATE	TIME	DESCRIPTION
Augt-28-02	02:00 - 03:00	Towing with HIPPO Vessel to LO16 platform.
	03:00 - 04:15	BJ personal hook up the frac lines in platform and connected coflexip from well to barge.
	04:15 - 05:30	Hook up pumping line and coflexip from PC-110 barge to HIPPO Vessel.
	05:30 - 07:45	Mixed fluid on two tanks (SPECTRA FRAC G 3000), 750 bbls.
	07:45 - 08:00	Made safety meeting with all personnel in location.
	08:00 - 08:20	Test line with 5,000 psi, ok.
	08:20 - 09:15	Made FRAC. Opened well WHP= 640 psi. Used 617 Bls. of treated water (SPECTRA FRAC G 3000.) 420 sxs. of sand 20/40 Average pressure: 2200 psi. Maximum press. : 2400 psi Minimum press. : 2000 psi 10' press. : 1320 psi Rate : 20 bpm. Return to Talara.



Date: Aust-28-2002

Supervised by: Ricardo Corman R.

Signature:

cc: Drilling / Well File / Reservoir.

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