

# PETRO-TECH

## PERUANA S.A.



Handwritten notes: "FMC" and "VP" with a checkmark, and "Well File" underlined.

PTP-PROD-961-95  
PTP-RESN-006-95  
November 24, 1995

TO: Production Operations  
FROM: Production Management  
SUBJECT: **DRAWDOWN TEST - WELL LO16 -14**

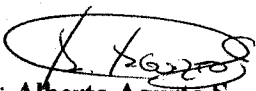


Please find attached the Drawdown Program for the above mentioned well.

The well in reference is producing an average of 636 BOPD x 350 psi x 1/2" x 798 GOR. With the purpose of determining the current pressure of this new block, like their permeability and other physical characteristics, pressure measurements will be also used to complete PVT analysis data. Therefore, we are recommending to perform a test as follows:

- Cut paraffin.
- Register pressure and flow with the current bean 1/2" for 4 hours.
- Change the bean to 3/8" for +/- 36 hours.
- Normalize bean to 5/8."

The estimated cost for this test is 5500 US\$ for 5 days of operation.

Proposed by:   
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Approved by: John Meyers  
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AAS  
cc: Julio Mego  
Well File  
Crono.

## WELL LO16-14

### Drawdown Program

1. Move wire line unit to well LO16-14.
2. Perform paraffin cut and Tag well TD.  
Note: Basal Salina Fm. have perforated interval 9664'-9460' with a bridge plug at 9750'.
3. Nipple up lubricator and test.
4. RIH with Memory Gauge recorder and stop for 5 minutes each 300 ft to get a flowing gradient.
5. Stop Memory Gauge at 9562' and record flowing pressure during 4 hours (1/2" choke).
6. Change to 3/8" bean and record pressure and flows during 36 hours..
7. Change to 5/8" bean and record pressure and flows for 72 hours.
8. POOH Memory Gauge.
9. Rig down wire line unit.

Note: - Use a calibrated Surface Pressure Recorder.  
- Monitor the flow rates and surface pressure each hour during the whole test.  
- Attached form to be filled during test.

#### Well Data:

Well head: 13 3/8" x 9 5/8" x 5 1/2".  
Casing: 5 1/2", N-80, #/ft & 17#/ft.  
Formation: Bs. Salina.  
Perforated interval: 9664' - 9460'.  
Set plug 5 1/2" to 9750'.  
Cumulative oil production: 154295 Bbls.

#### Last Tests:

DATE	BOPD	GOR	WHP
Nov.19.95	686	615	370
Nov.18.95	682	628	340
Nov.17.95	680	781	380
Nov.16.95	685	766	380
Nov.15.95	686	757	330

A. Agurto.

## Job Log

[illegible]

\* Each 12 hours.