H. Carrejo

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EDM-060-98

INTEROFFICE MEMO

TO:

Jim Hunt

FROM:

Marco A. Raez

RE.:

EVALUATION LOWER BASAL SALINA - WELL LO16-24

DATE:

April 1, 1998

As per our conversation this AM, we continue reviewing the initial tests of the Lower Basal Salina of the reference well. Facts as follows:

- a) Well showed excellent sands and oil shows and pressure with live oil indications in drilling mud while drilling. Chromatograph analysis confirmed it.
- b) First opened interval at 10,796' 10,792', recorded no pressure in well head, which indicate it is tight or pressures are lower than diesel column.
- c) Second interval perforations failed. Decided to open uppermost 3rd interval at 10,756' 10,742'. Pressure reached 1,800 psi in well head.
- d) Proceed to perforate second interval at 10,770' 10,764', pressure did not change. This suggested pressures in second interval are similar than 3rd. interval.
- e) Well was set on production and pressure declined to 40-50 psi, while producing gas and diesel with minor amounts of water (227 x 4 in 18.5 hr.). Water production increased to near 100% this AM, at a rate of 12-14 BW/hr.

Based on the above, we conclude that the first opened interval (10,796' - 10,792) might be tight and possibly wet. The second interval (10,770' - 10, 764') in spite of good oil shows, could be also tight and possibly wet. The third and uppermost interval (10,756' - 10,742'), showed the best oil shows and also live oil in mud pits while drilling at 10,760. This is an excellent indication that it is oil bearing. Therefore, considering that well LO16-24 is a confirmatory well of a huge area for Basal Salina in SW Lobitos Offshore, we recommend the following:

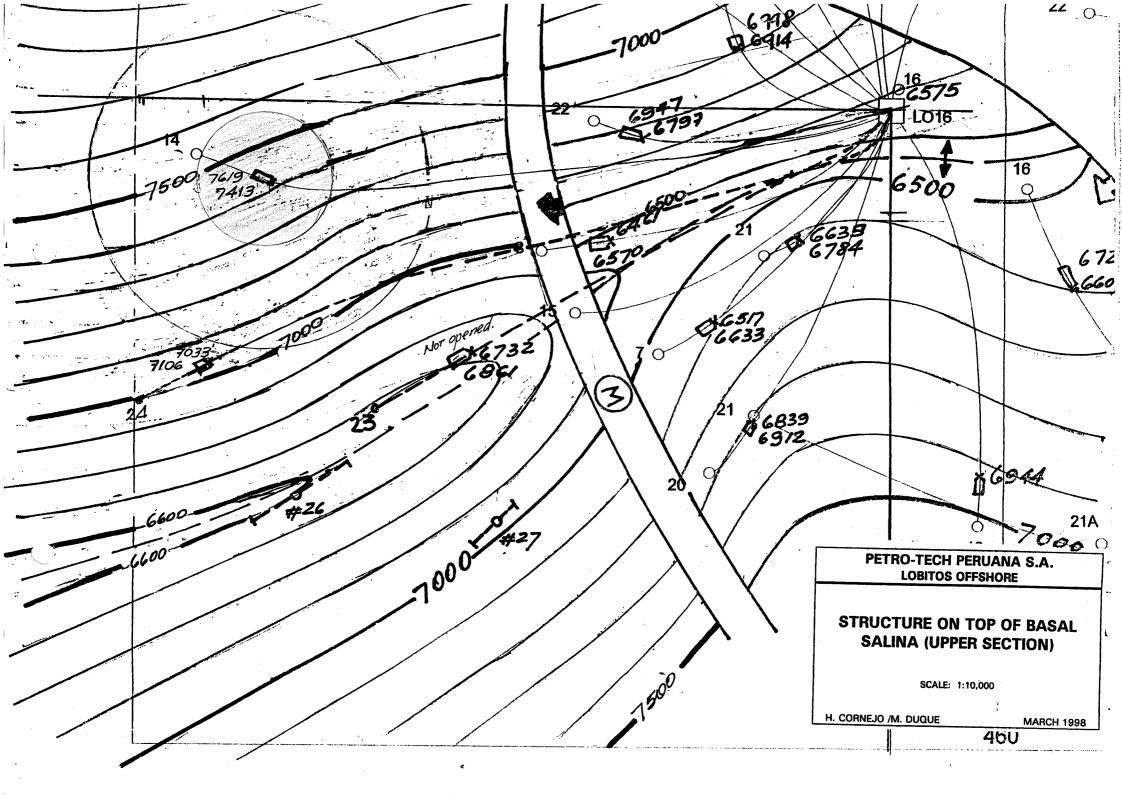
- Ran a CBL-VDL log all through the upper and lower Basal Salina
- Depending on the above, proceed to squeeze cement.
- If cement is good, isolate the first and second interval and proceed to evaluate only the third interval (10,756' 10,742').

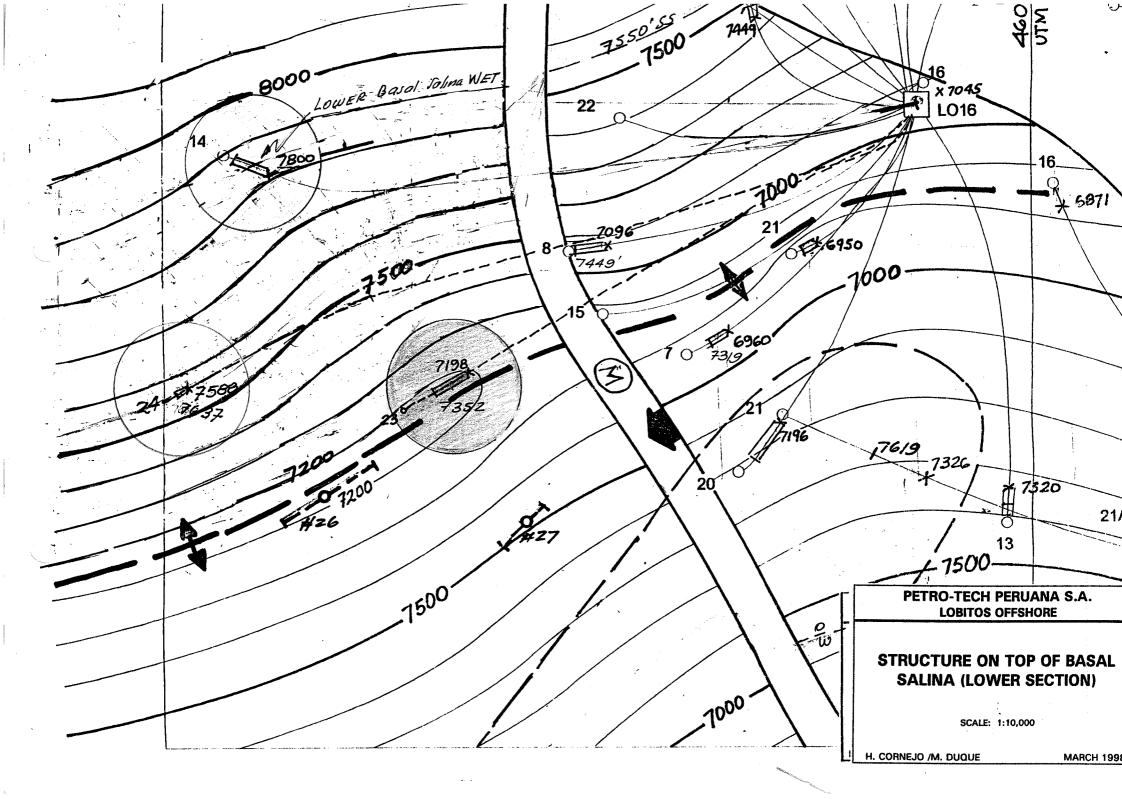
Best regards,

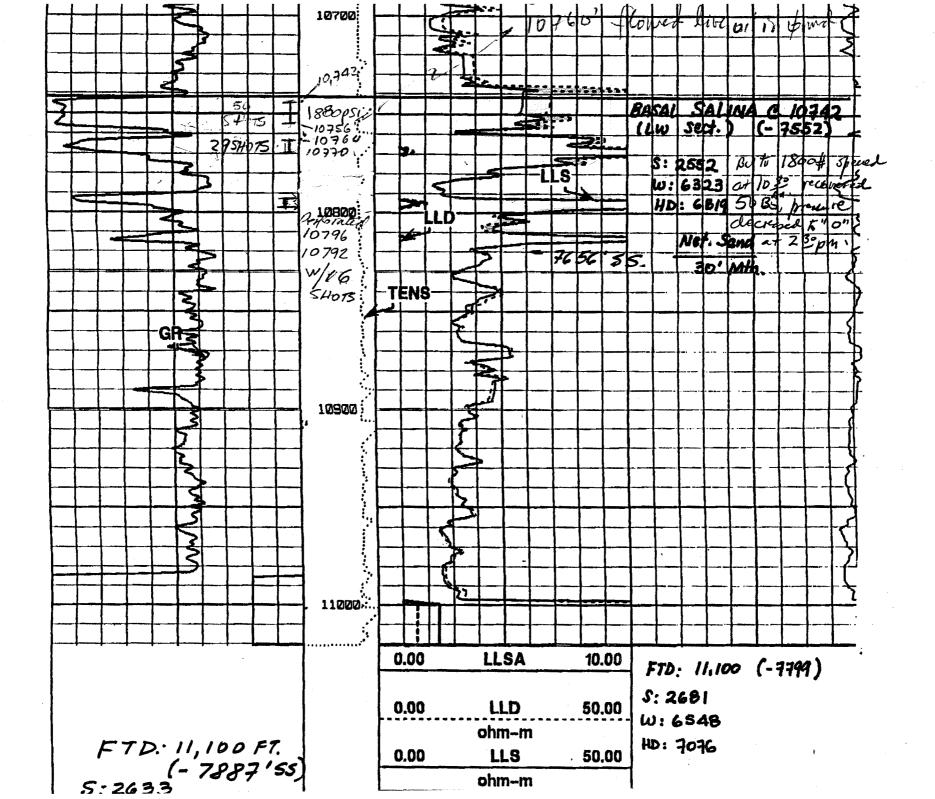
April 2 - Set bridge plug at 10,780'. CBL-VDL didn't work (Hally)
Prod. 152 BW, no oil, 40 psi, in 8.5 hrs (bype setting plug).

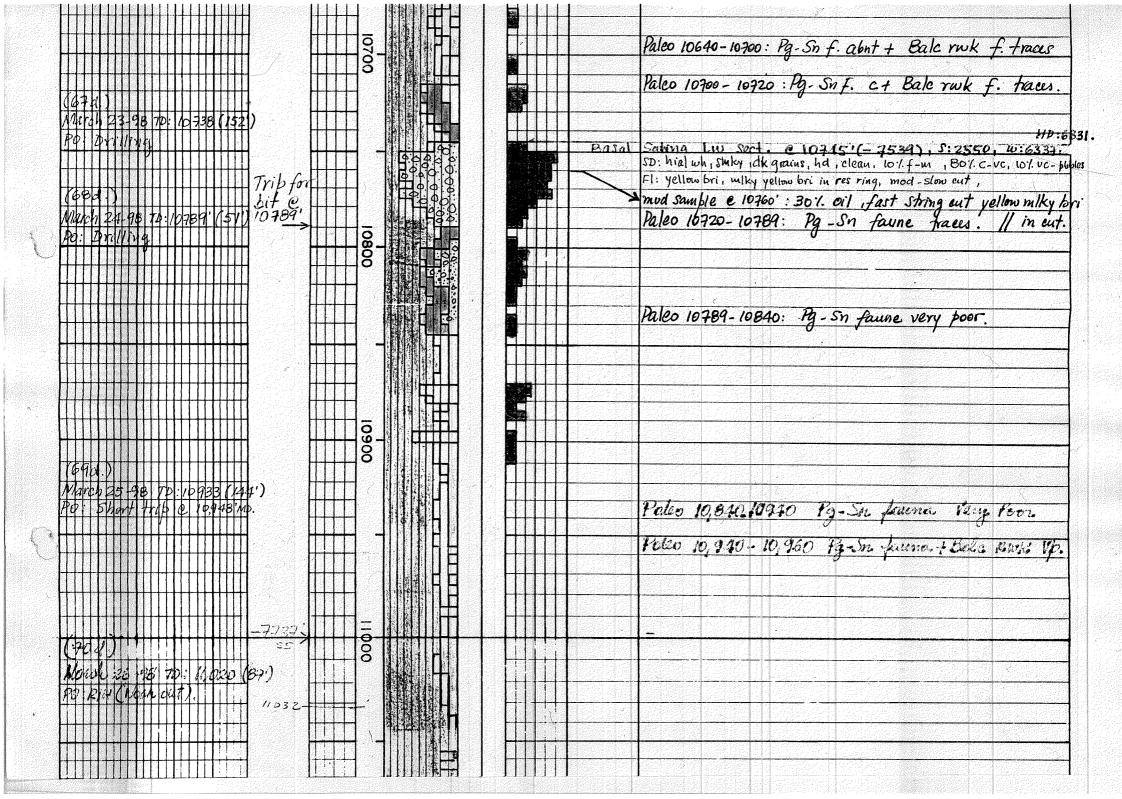
Marcd A Raez

MAR/HC/AEV:kvh









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	9949 15 + 1/8 17 J - 11 +1	M D SL VEL'SH WH FLUGK, NO CUT, S. FOW WK MK! WH DE CRISCHED SPL, FK KES TIX.	5.0 HYAL WILL MKT WH QTE, 30/F, 30/M, 20/C, 20/VC, 7R GRNL GKS, SBANG, PSKTD, V HCKLY, FW DK GY, GM, LT RD GKS. SD. HIAL WILL MKY WH QTE, 10/F, 30/M, 40/C, 20/VCGRS, PRED SPANG PSKT2: HCKLY, 10CC W, MICRPYK INCL, FW DK GY, SMOKY &TK GN, RY. 35 SLTY, CYSH WM, 100/, VF GR, SLTY & AKS MTX, SLTALC, WCC. 11, LYSH WM, 100/, ME GR, SLTY & AKS MTX, SLTALC, WCC. 12, LYSH WM, 100/, MICH HD, YPYL, POS. AC
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