

Date: July 30th, 1985

MEMORANDUM OF CORRELATION

WELL: Z2A-21-629-XD-LO6 (LO6-9X)

General Data

Area : Lobitos offshore
 Parcel : 21
 Platform : LO6
 Water Depth : 335'
 Rig : III
 Type of Well : Exploratory
 Surface Coordinates : 9'509,031.28 mN; 459,312.27 mE
 Kelly Bushing Elevation : 50
 Average Direction : S 61° W
 Avg. Vert. Angle after Build Up : 34°
 Total Measured Depth : 9064'
 Total Vert. Depth : 7347'
 Drilling Commenced : May 27th, 1985
 Drilling Finished : July 25th, 1985
 Surface Casing : 13 3/8" csg. shoe at 802'
 Inter Casing : 9 5/8" csg. shoe at 2494'
 Production Casing : 5 1/2" csg. shoe at 7108'
 Electrical Logs : DLL-GR, CDL-CNL-GR, HDT, SWC's
 Pay Zone : Lower Mogollon & Rio Bravo
 Remarks : Perforated and faced as follows
 Lower Mogollon : 6995-6380
 Rio Bravo : 5717-4592
 4133-4292
 4260-3880

STRATIGRAPHIC SUMMARY

<u>Formation</u>	<u>MD</u>	<u>VD (SS)</u>	<u>Coordinates</u>
Talara Group	At Surface		
Chacra	2930'	(-2408')	S: 1009, W: 1101
Rio Bravo Sdy.	3865'	(-3120')	S: 1400, W: 1565
Rio Bravo Shly.	5200'	(-4182')	S: 1790, W: 2266
Palegreda	5735'	(-4599')	S: 1941, W: 1566
Lower Mogollon	6350'	(-5076')	S: 2109, W: 2914
San Cristobal	7000'	(-5572')	S: 2306, W: 3285
Balcones	8570'	(-6849')	S: 2448 W: 4162
FTD.	9064'	(-7297')	S: 2419, W: 4365

GEOLOGICAL COMMENTS

Basal Salina was faulted out at 8570' MD (-6849 ss), due to "West Fault System"

The Lower Mogollon was tested and initially produced 100 BOPD.

JJ/ghp.

Geological comments

Wb-9x

Well deviated to SW for Rio Bravo development and exploratory for Basal Salina. Stopped at 9094 in clear Bakkenes.

Rio Bravo came as proposed, however the mid massive sands are absent, apparently due to a local minor fault. Poor to fair oil shows were throughout its section.

The Mesgillon is interpreted to belong to its lower half. The upper and massive section appears to be faulted out by a NE fault that belongs to the West System. Good sands with fair to good oil shows were reported on litho samples.

The Basal Salina was faulted out at 8570 ms (-6849 ss) due to "West Fault System".

Well was completed in lower Mesgillon only and initially tested 9880PD in 3/4" choke, flowing.

BEL

Cibicides
sinuifolius.

2/10/2007