

Petromar - Lima

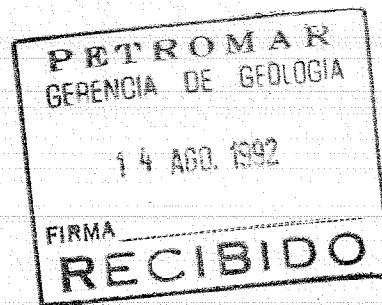
Secundaria

Anadrii

✓ FILE: L016-18

✓ Dibujo

J. Jari



POZO DIRIGIDO



Nº OFICIAL : Z2A-21-B10-D-L016

Nº PETROMAR : L016-18

19.06.92 AL 21.07.92

OPERADOR DIRECCIONAL:

ALAN VALDIVIA L.

ANADRAILL SCHLUMBERGER
PETROMAR-PERU
WELL: L016-18

RADIUS OF CURVATURE CALCULATIONS

Wednesday, July 3, 1991 Page 2

MEASURED DEPTH Feet	B O R E - H O L E INCLINATION Degrees	DIRECTION Degrees	COURSE LENGTH Feet	VERTICAL DEPTH Feet	R E C T A N G U L A R C O O R D I N A T E S		VERTICAL SECTION Feet	DOGLEG SEVERITY Deg/100ft.	TURN RATE Deg/100ft.	BUILD/GROP RATE Deg/100ft.
0.00	0.00	0.00		0.00	0.00 N	0.00 E	0.00			
881.00	5.75	N 60.00 W	881.00	879.52	22.08 N	38.25 W	20.92	0.65	0.00	0.65
1066.00	7.00	N 49.00 W	185.00	1063.37	33.99 N	54.95 W	32.32	0.94	5.95	0.68
1188.00	8.00	N 42.00 W	122.00	1184.33	45.15 N	66.30 W	43.13	1.11	5.74	0.82
1313.00	9.00	N 46.00 W	125.00	1307.95	58.44 N	79.13 W	56.02	0.93	-3.20	0.80
1373.00	11.00	N 46.00 W	60.00	1367.04	65.67 N	86.63 W	63.03	3.33	0.00	3.33
1404.00	12.00	N 37.00 W	31.00	1397.42	70.30 N	90.72 W	67.53	6.62	29.03	3.23
1504.00	16.00	N 17.50 W	100.00	1494.43	91.70 N	101.74 W	88.58	6.13	19.50	4.00
1625.00	17.25	N 19.00 W	121.00	1610.37	124.57 N	112.58 W	121.12	1.09	-1.24	1.03
1813.00	21.25	N 7.00 W	188.00	1787.82	184.84 N	126.49 W	180.94	2.98	6.38	2.13
1969.00	24.00	N 3.00 W	156.00	1931.80	244.61 N	131.72 W	240.52	2.02	2.56	1.76
2063.00	26.25	N 3.00 E	94.00	2016.90	284.50 N	131.72 W	280.40	3.61	6.38	2.39
2117.00	28.25	N 3.00 E	54.00	2064.91	309.19 N	130.43 W	305.11	3.70	0.00	3.70
2148.00	29.00	N 1.00 E	31.00	2092.12	324.03 N	129.91 W	319.96	3.92	-6.45	2.42
2179.00	30.00	N 3.00 W	30.00	2118.23	338.80 N	130.17 W	334.72	7.36	-13.33	3.33
2258.00	32.25	N 6.50 W	80.00	2186.71	380.00 N	133.59 W	375.80	3.61	-4.37	2.81
2300.00	32.25	N 7.50 W	42.00	2222.23	402.25 N	136.32 W	397.95	1.27	-2.38	0.00
2331.00	32.25	N 11.50 W	31.00	2248.44	418.56 N	139.05 W	414.17	6.88	-12.90	0.00
2468.00	34.50	N 16.00 W	137.00	2362.84	491.74 N	156.96 W	486.78	2.44	-3.28	1.64
2593.00	37.25	N 14.50 W	125.00	2464.12	562.41 N	176.23 W	556.83	2.31	1.20	2.20
2687.00	40.00	N 13.00 W	94.00	2537.55	619.39 N	190.17 W	613.37	3.09	1.60	2.93
2812.00	43.50	N 13.00 W	125.00	2630.79	700.48 N	208.89 W	693.86	2.80	0.00	2.80
2939.00	46.00	N 12.00 W	127.00	2720.98	787.77 N	228.24 W	780.52	2.05	0.79	1.97
3125.00	46.75	N 9.50 W	186.00	2849.31	920.03 N	253.35 W	911.96	1.05	1.34	0.40
3249.00	47.00	N 7.00 W	124.00	2934.07	1009.59 N	266.34 W	1001.09	1.49	2.02	0.20

ANADRILL SCHLUMBERGER
PETROMAR-PERU
WELL: L016-18

RADIUS OF CURVATURE CALCULATIONS

Wednesday, July 3, 1991 Page 3

MEASURED DEPTH Feet	B O R E - H O L E INCLINATION Degrees	DIRECTION Degrees	COURSE LENGTH Feet	VERTICAL DEPTH Feet	R E C T A N G U L A R C O O R D I N A T E S Feet	Feet	VERTICAL SECTION Feet	DOGLEG SEVERITY Deg/100ft.	TURN RATE Deg/100ft.	BUILD/DROP RATE Deg/100ft.
3347.00	47.25	N 7.00 W	98.00	3000.75	1080.87 N	275.09 W	1072.08	0.26	0.00	0.26
3527.00	47.25	N 6.00 W	180.00	3122.94	1212.20 N	290.05 W	1202.89	0.41	0.56	0.00
3650.00	47.00	N 4.00 W	123.00	3206.63	1301.99 N	297.91 W	1292.40	1.21	1.63	-0.20
3771.00	47.75	N 2.50 W	121.00	3288.57	1390.88 N	302.96 W	1381.10	1.10	1.24	0.62
3926.00	48.75	N 1.00 W	155.00	3391.78	1506.46 N	306.49 W	1496.52	0.97	0.97	0.65
4052.00	50.00	N 2.50 E	126.00	3473.81	1602.06 N	305.24 W	1592.12	2.33	2.78	0.99
4192.00	50.25	N 3.00 E	140.00	3563.57	1709.38 N	300.08 W	1699.54	0.33	0.36	0.18
4317.00	50.00	N 3.50 E	125.00	3643.71	1805.16 N	294.64 W	1795.44	0.37	0.40	-0.20
4448.00	49.75	N 4.00 E	131.00	3728.13	1905.11 N	288.09 W	1895.55	0.35	0.38	-0.19
4606.00	49.00	N 6.00 E	158.00	3831.01	2024.57 N	277.64 W	2015.26	1.07	1.27	-0.47
4761.00	48.00	N 5.00 E	155.00	3933.71	2140.12 N	266.51 W	2131.10	0.81	-0.65	-0.65
4942.00	47.50	N 7.50 E	181.00	4055.41	2273.29 N	251.93 W	2264.65	1.06	1.38	-0.28
5036.00	47.50	N 9.00 E	94.00	4118.91	2341.88 N	241.99 W	2333.50	1.18	1.60	0.00
5295.00	55.75	N 11.00 E	259.00	4279.56	2541.66 N	206.76 W	2534.26	3.24	0.77	3.19
6738.00	54.50	N 31.00 E	1443.00	5104.64	3641.24 N	215.33 E	3646.08	1.14	1.39	-0.09

Final Station Closure - Distance: 3647.60 Feet
- Direction: N 3.38 E

O. K. *[Signature]*
6-8-92

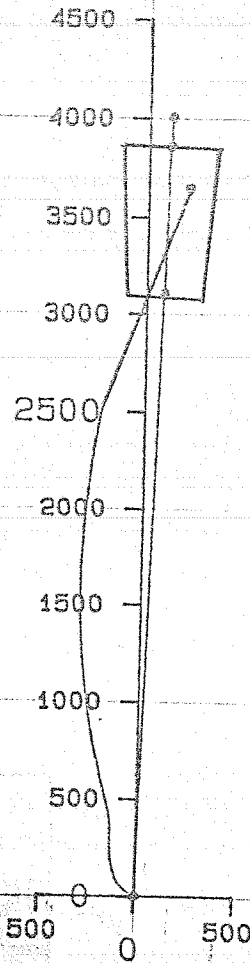
ANADRILL SCHLUMBERGER
 PETROMAR S.A. EQUIPO: 8
 POZO: Z2A-21-B10-D-L016 (L016-18)

PLANE OF PROPOSAL

N 1° 44' E

VERTICAL SECTION

Scale 1" = 1000'



HORIZONTAL PLAN

Scale 1" = 1000'

