

Sheet: Caratula

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| | | | | | | | | | | |

POZO: | | YPF.Nq.LACh-235(h) | | | | | 2 | | | | |

UWI: | | | | | | | | | | | |

COORDENADAS POSGAR | X: | 5780535.569999637 | | | | | | | | | |

| Y: | 2528779.689999984 | | | | | | | | | |

EXPEDIENTE: | | | | | | | | | | | |

LICENCIA AMBIENTAL: | | | | | | | | | | | |

FACTIBILIDAD HC: | | | | | | | | | | | |

FECHA DE INICIO:■ | | 18/12/2021 | | | | | | | | | |

FECHA DE FIN: | | 2022-10-03 00:00:00 | | | | | | | | | |

PROVINCIA: | | NEUQUEN | | | | | | | | | |

UUNN: | | LA AMARGA CHICA | | | | | | | | | |

PROYECTO: | | | | | | | | | | | |

OPERADOR: | | YPF S.A. | | | | | | | | | |

Sheet: 319 adj IV-b INICIO

ADJUNTO IV - DOCUMENTACION TECNICA | | | | | | | | | | | | | | | |

INFORME DE INICIACION DE POZO | | | | | | | | | | | | | | |

OPERADOR: | YPF S.A. | | | | | | | | | | | | | | |

AREA (1): | LA AMARGA CHICA | | | | | | | | | | | | | |

PROVINCIA: | | NEUQUEN | | | | | | | | | | | | | | |

SIGLA | | LACH | | | | | | | | | | | | | |

NOMBRE DEL POZO: | YPF.Nq.LACh-235(h) | | | | | | | | | | | | | | |

CLASIFICACION (2): | DESARROLLO | | | | | | | | | | | | | |

[illegible]

COMPañIA PERFORADORA: | 1_NABORS INTERNATIONAL ARGENTINA | | | | | | | | | | | | | |

[illegible][illegible]

[illegible][illegible]

COORDENADAS SUP E: | | 2528779.68999984 | | | | | | | | | | | | | | | |

[illegible][illegible]

COORDENADAS FONDO E: | 2528668.08 | | | | | | | | | | | | | | | |

KOP PREVISTO EN (mbbp): | 2700 | | | | | | | | | | | | | | |

PROFUNDIDAD PROGRAMADA (mbbp): | 5907 | | | | | | | | | | | | | | | |

TIEMPO ESTIMADO DE PERFORACION (días): | 22,5 | | | | | | | | | | | | | | | |

TOPE DE HORIZONTES CALCULADOS: | | Formación | Prof.en TVD | | | | | | | | | | | | | |

[illegible][illegible][illegible][illegible][illegible]

[illegible]

PROGRAMA DE CONTROL GEOLOGICO: | | No se prevé | | | | | | | | | | | | |

[illegible]

[illegible]

0 | 0 | 0 | | | | | | | | | | | | | | | |

[illegible][illegible]

90 | 0.49 | 273.09 | | | | | | | | | | |

[illegible]

150 | 0.54 | 275.95 | | | | | | | | | | | | | | | |

180 | 0.53 | 260.55 | | | | | | | | | | | | | | | |

[illegible]

240 | 0.39 | 270 | | | | | | | | | | | | | | | |

270 | 0.47 | 281.66 | | | | | | | | | | | | | | | |

300 | 0.46 | 282.36 | | | | | | | | | | | | | | | |

330 | 0.57 | 300.66 | | | | | | | | | | | | | | |

360 | 0.53 | 315.67 | | | | | | | | | | | | | | | |

390 | 0.47 | 304.89 | | | | | | | | | | | | | | | |

420 | 0.44 | 313.75 | | | | | | | | | | | | | | |

450 | 0.41 | 305.63 | | | | | | | | | | | | | | | |

480 | 0.39 | 316.57 | | | | | | | | | | | | | | | |

[illegible]

540 | 0.44 | 338.21 | | | | | | | | | | | | | |

570 | 0.43 | 347.77 | | | | | | | | | | | | |

591.2 | 0.43 | 346.25 | | | | | | | | | | | | |

[illegible][illegible][illegible]

714.31 | 2.96 | 188.98 | | | | | | | | | | | |

743.14 | 4.14 | 204.4 | | | | | | | | | | | | | | |

[illegible][illegible][illegible][illegible][illegible][illegible]

944.41 | 10.52 | 239.03 | | | | | | | | | | | | | |

973.39 | 11.04 | 242.5 | | | | | | | | | | | | |

ADJUNTO IV-c: INFORME FINAL DE POZO YPF.Nq.LACh-235(h)					
GEOLOGIA					
TOPES DE HORIZONTES O FORMACIONES	m.b.b.p.	m.b.n.m			
Fm Vaca Muerta	2713.35	-2374.75			
INFORME GEOLOGICO (Conclusiones que surgen de la perforación del pozo):					
#REF! #REF! #REF! #REF! #REF!					
#REF! #REF! #REF! #REF! #REF!					
#REF! #REF! #REF! #REF! #REF!					

[illegible]

Sheet: ESTIMULACIONES

| FRACTURAS DURANTE LA TERMINACION | | | |
| Fecha Inicio Operacion | Volumen Agua (m3) | Arena en Fm (sx) | Tope | Base

2022-08-19 00:00:00	1322	5236.6	3011.9	3065.7
2022-07-20 00:00:00	1488	5252.7	5772.5	5826.3
2022-08-03 00:00:00	1335	5291	4616.9	4670.7
2022-08-18 00:00:00	1296	5231.5	3076.1	3129.9
2022-08-18 00:00:00	1307	5161.1	3140.3	3194.1
2022-08-17 00:00:00	1317	5298.6	3268.7	3322.5
2022-08-15 00:00:00	1376	5279.2	3461.3	3515.1
2022-08-14 00:00:00	1326	5246.7	3589.7	3643.5
2022-08-13 00:00:00	1305	5019	3653.9	3707.7
2022-08-13 00:00:00	1361	5307	3718.1	3771.9
2022-08-12 00:00:00	1492	5146.8	3782.3	3836.1
2022-08-11 00:00:00	1339	5249	3910.7	3964.5
2022-08-05 00:00:00	1269	5232	4295.9	4349.7
2022-08-05 00:00:00	1323	5259	4360.1	4413.9
2022-08-02 00:00:00	1390	5221.2	4681.1	4734.9
2022-07-31 00:00:00	1367	5222.3	4937.9	4991.7
2022-07-30 00:00:00	1325	4965.1	5002.1	5055.9
2022-07-27 00:00:00	1354	5177.4	5258.9	5312.7
2022-07-27 00:00:00	1385	5230.5	5323.1	5376.9
2022-07-24 00:00:00	1436	5210.4	5579.9	5633.7
2022-07-24 00:00:00	1572	5247.1	5644.1	5697.9
2022-08-17 00:00:00	1261	5267.3	3204.5	3258.3
2022-08-16 00:00:00	1382	5264.1	3332.9	3386.7
2022-08-16 00:00:00	1343	5310.5	3397.09	3450.9
2022-08-14 00:00:00	1252	5219	3525.5	3579.3
2022-08-12 00:00:00	1322	5326.3	3846.5	3900.3
2022-08-10 00:00:00	1294	5249.8	3974.9	4028.7
2022-08-10 00:00:00	1280	4985	4039.09	4092.9
2022-08-09 00:00:00	1348	5269	4103.3	4157.1
2022-08-06 00:00:00	1273	5308.3	4167.5	4221.3
2022-08-06 00:00:00	1602	5114	4231.7	4285.5
2022-08-04 00:00:00	1319	5171.2	4424.3	4478.1
2022-08-04 00:00:00	1335	5092	4488.5	4542.3
2022-08-03 00:00:00	1385	5200	4552.7	4606.5
2022-08-02 00:00:00	1307	5255	4745.3	4799.1
2022-08-01 00:00:00	1378	5312.6	4809.5	4863.3
2022-07-31 00:00:00	1375	5306	4873.7	4927.5
2022-07-30 00:00:00	1391	5290.2	5066.3	5120.1