

Round 1 Results



Round 1.1 Exploration in shallow waters Southeast Basins



General Information	
Tender Date	15/07/2015
Number of Blocks	14
Geological Province	Salina del Istmo Macuspana
Play Ages	Pliocene Miocene Fractured Cretaceous
Lithology	Upper Jurassic Medium Sand Fractured Limestone
Hydrocarbon Type	Extra Heavy Oil Light Oil Wet Gas
Contract Type	Production Sharing



Name	Units	Block 1	Block 2	Block 3	Block 4	Block 5	Block 6	Block 7	Block 8	Block 9	Block 10	Block 11	Block 12	Block 13	Block 14	Total offered	Total Awarded	Average
Main hydrocarbons ^{1/}		Light oil	Light oil	Light oil	Light oil	Light oil	Light oil	Light oil	Extra heavy oil	Extra heavy oil	Light oil	Extra heavy oil	Heavy oil	Heavy oil	Wet gas			
Acreage	Km2	194	194	233	233	466	466	465	116	116	232	309	387	501	310	4,222	659	302
Exploratory opportunities	Number	5	4	4	2	2	2	3	2	2	4	2	2	5	3	42	7	3
Average water depth	Meters	29	31	52	70	150	88	142	283	260	161	349	120	183	17	17-349	31-142	138
Probability of geological success	Min-Max	0.23-0.50	0.22-0.40	0.22-0.39	0.28-0.36	0.22-0.25	0.24-0.44	0.22-0.23	0.42-0.69	0.25-0.33	0.23-0.33	0.34-0.42	0.41-0.46	0.29-0.64	0.17-0.19	0.17-0.69	0.22-0.40	
Average prospective resources	MMbpce	151.3	142.4	113.9	82.2	56.0	87.2	102.4	169.7	71.5	156.8	169.3	92.8	90.0	105.2	1,590.9	244.8	114
Total prospective resource with risk	MMbpce	56	49	42	35	30	45	39	92	26	53	77	56	57	31	686	88	49
Minimum work program	Work Units	57,000	78,000	72,000	36,000	69,000	91,000	66,000	58,000	44,000	67,000	67,000	73,000	74,000	50,000	902,000	144,000	64,429
Winner		No Winner	Sierra Oil & Gas, Talos Energy, Premier Oil	No Winner	No Winner	No Winner	No Winner	Sierra Oil & Gas, Talos Energy, Premier Oil	No Winner	No Winner	No Winner	No Winner	No Winner	No Winner	No Winner			
Contract Signature Date			04/09/2015					04/09/2015										
Increase in minimum work program	%		10					10										
Government Take	%		55.99					68.99										

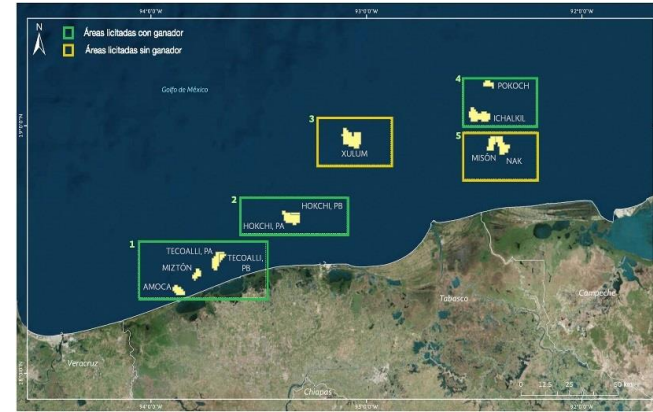
1/ The main hydrocarbon is the hydrocarbon type anticipated in the exploratory prospects of the area.

Source: National Hydrocarbons Commission, with information regarding exploratory opportunities from the PEMEX database version 4-2014.

MMboe = Million Barrels of Oil Equivalents

Round 1.2 Extraction in shallow waters Southeast Basins

General Information	
Tender Date	30/09/2015
Number of Blocks	5
Geological Province	Salina del Istmo Pilar-Reforma-Akal
Play Ages	Mid Pliocene Tertiary Mid Cretaceous Jurassic
Lithology	Sand and Limestone
Hydrocarbon Type	Heavy Oil Medium Oil Light Oil Extra Light Oil
Contract Type	Production Sharing



Name	Unit	1 Amoca-Tecoalli-Miztón	2 Hokchi	3 Xulum	4 Ichalkil-Pokoch	5 Nak-Misión	Total General	Total Awarded	Average
Main hydrocarbons ^{1/}		Light Oil	Medium Oil	Heavy Oil	Light Oil	Extra Light Oil			
API	Grades	33	26	17	30	42	16.5-41.5	26.0-30.0	29.4
Acreage	Km ²	67	40	59	58	55	279	165	56
Average water depth	Meters	33	28	102	45	32	28-102	28-45	48
Original volume ^{2/}	Mmboe	885	459	649	856	399	3,247	2,199	649
1P Reserves ^{2/}	Mmboe	63	21	0	41	18	143	126	29
2P Reserves ^{2/}	Mmboe	122	67	18	86	64	356	274	71
3P Reserves ^{2/}	Mmboe	188	93	97	191	103	671	471	134
Minimum work program	Work units	195,000	130,000	65,000	130,000	130,000	650,000	455,000	130,000

Winner		ENI	Pan American Energy, E&P HS	No Winner	Fieldwood Energy, Petrobal	No Winner
Contract Signature Date		07/01/2016	07/01/2016		07/01/2016	
Increase in minimum work program	%	33	100		0	
Additional royalty	%	83.75	70.00		74.00	

1/ The main hydrocarbon is the hydrocarbon type anticipated in the exploratory prospects of the area.

2/ Original volume and all reserves categories corresponds to reserve information through Jan 1, 2016.

Source: National Hydrocarbons Commission, with information regarding exploratory opportunities from the PEMEX database version 4-2014.

MMboe = Million Barrels of Oil Equivalents

Round 1.3 Onshore extraction Burgos, North and South Fields

Name	Unit	Barcodón	Benavides-Primavera	Calibrador	Calicanto	Carretas	Catedral	Cuichapa-Poniente	Duna	Fortuna Nacional	La Laja	Malva	Mareógrafo	Mayacaste	Moloacán
Basins		Burgos	Burgos	Burgos	Southeast	Burgos	Southeast	Southeast	Burgos	Southeast	Tampico-Misantla	Southeast	Burgos	Southeast	Southeast
State		Tamaulipas	Nuevo León	Nuevo León	Tabasco	Nuevo León	Chiapas	Veracruz	Nuevo León	Tabasco	Veracruz	Chiapas	Nuevo León	Tabasco	Veracruz
Main hydrocarbons ¹		Black Oil	Dry Gas	Dry Gas	Oil	Non-Asoc Wet Gas	Gas and Condensate	Black Oil	Dry Gas	Gas and Condensate	Oil Negro	Black Oil	Dry Gas	Oil	Black Oil
API	Grade	18.0	--	--	39.0	--	57.0	32.0	--	53.0	26.0	35.3	--	36.5	20.0
Acreeage	Km ²	11	172	16	11	89	58	42	37	22	10	21	30	22	46
Fields ²		Barcodón	Benavides-Primavera	Calibrador	Calicanto	Carretas	Catedral	Cuichapa-Poniente	Duna	Fortuna Nacional	La Laja	Malva	Mareógrafo	Mayacaste	Moloacán
Original volume ³	Mmboe	175.2	38.1	10.9	0.6	20.2	180.3	547.0	13.4	19.7	1.8	30.3	17.0	31.9	246.1
1P Reserves ³	Mmboe	0.5	3.3	1.0	0.1	1.5	0.9	0.7	2.4	0.0	0.0	0.5	3.3	4.1	1.6
2P Reserves ³	Mmboe	0.6	4.1	1.8	0.1	3.0	0.9	1.4	3.0	0.1	0.0	0.5	3.8	8.5	1.6
3P Reserves ³	Mmboe	0.8	4.8	2.5	0.1	4.7	0.9	1.4	3.3	0.1	0.0	0.5	5.1	8.5	1.6
Minimum work program	Work units	4,700	4,600	4,600	4,600	4,600	4,600	4,800	4,600	4,600	4,600	4,700	4,600	8,700	5,000
Contract number		CNH-R01-L03-A1/2015	CNH-R01-L03-A2/2015	CNH-R01-L03-A3/2015	CNH-R01-L03-A4/2015	CNH-R01-L03-A5/2015	CNH-R01-L03-A6/2015	CNH-R01-L03-A7/2015	CNH-R01-L03-A8/2015	CNH-R01-L03-A9/2015	CNH-R01-L03-A10/2015	CNH-R01-L03-A11/2015	CNH-R01-L03-A12/2015	CNH-R01-L03-A13/2015	CNH-R01-L03-A14/2015
Contract signature date		10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016	10/05/2016
Winner		Diavaz Offshore	Nuvol, en Consorcio con Sistemas Integrales de Compresión y Constructora Marusa	Consorcio Manufacturero Mexicano	Grupo Diarqco	Strata Campos Maduros	Diavaz Offshore	Servicios de Extracción Petrolera Lifting de México	Construcciones y Servicios Industriales Globales	Compañía Petrolera Perseus	Desarrolladora Oleum, en Consorcio con Ingeniería, Construcciones y Equipos Conequios Ing., Industrial Consulting, Marat International, y Constructora Tzaulan	Renaissance Oil Corp.	Consorcio Manufacturero Mexicano	Grupo Diarqco	Perforat de México, en Consorcio con Canamex Dutch, y American Oil Tools
Winner place		1	1	1	1	1	1	1	1	1	2	1	1	1	1
Increase in minimum work program	%	100	75	100	18	100	0	99	88	100	1	100	100	0	0
Additional royalty	%	64.50	40.07	41.77	81.36	50.86	63.90	60.82	20.08	36.88	29.69	57.39	34.25	60.36	85.69

Name	Unit	Mundo Nuevo	Paraiso	Paso de Oro	Peña Blanca	Pontón	Ricos	San Bernardo	Secadero	Tajón	Tecoluta	Topén	Total	Average
Basins		Southeast	Southeast	Tampico-Misantla	Burgos	Tampico-Misantla	Burgos	Burgos	Southeast	Southeast	Tampico-Misantla	Southeast		
State		Chiapas	Tabasco	Veracruz	Nuevo León	Veracruz	Tamaulipas	Nuevo León	Chiapas	Tabasco	Veracruz	Chiapas		
Main hydrocarbons ¹		Gas and Condensate	Oil	Oil Negro	Gas Húmedo No Asoc	Oil Negro	Gas Húmedo No Asoc	Gas Húmedo No Asoc	Oil Negro	Oil	Oil Negro	Oil Negro		
API	Grade	49.7	35.0	29.0	--	34.0	--	--	35.6	22.0	28.0	28.6		
Acreeage	Km ²	28	17	23	26	12	24	28	10	28	7	25	814.1	32.6
Fields ²		Mundo Nuevo	Paraiso	Paso de Oro	Peña Blanca	Pontón	Ricos	San Bernardo	Secadero	Tajón	Tecoluta	Topén		
Original volume ³	MMbpcpe	200.5	86.1	0.6	38.0	8.5	12.3	9.7	10.4	736.4	9.6	54.9	2,499.4	100.0
1P Reserves ³	MMbpcpe	1.4	0.0	0.0	1.1	0.0	1.1	1.7	0.1	1.2	0.0	0.9	27.4	1.1
2P Reserves ³	MMbpcpe	1.4	14.1	0.0	1.4	0.0	1.9	2.3	0.1	3.7	0.0	0.9	55.2	2.2
3P Reserves ³	MMbpcpe	1.4	15.9	0.0	2.5	0.0	6.1	2.9	0.1	3.7	0.1	0.9	68.0	2.7
Minimum work program	Work Units	4,600	8,700	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	124,000	4,960
Contract number		CNH-R01-L03-A15/2015	CNH-R01-L03-A16/2015	CNH-R01-L03-A17/2015	CNH-R01-L03-A18/2015	CNH-R01-L03-A19/2015	CNH-R01-L03-A20/2015	CNH-R01-L03-A21/2015	CNH-R01-L03-A22/2015	CNH-R01-L03-A23/2015	CNH-R01-L03-A24/2015	CNH-R01-L03-A25/2015		
Contract signature date		10/05/2016	10/05/2016	25/08/2016	10/05/2016	25/08/2016	25/08/2016	25/08/2016	10/05/2016	10/05/2016	25/08/2016	10/05/2016		
Winner		Renaissance Oil Corp.	Tubular Technology, en Consorcio con GX Geoscience Corporation, y Roma Energy Holding	Servicios de Extracción Petrolera Lifting de México	Strata Campos Maduros	Renaissance Oil Corp.	Steel Serv, en Consorcio con Constructora Hostotapequillo, Desarrollo de Tecnología y Servicios Integrales, y Mercado de Arenas Silicas	Strata Campos Maduros	Grupo R Exploración y Producción, en Consorcio con Constructora y Arrendadora México	Compañía Petrolera Perseus	Tonali Energía	Renaissance Oil Corp.		
Winner place		1	1	2	1	2	2	2	1	1	2	1		
Increase in minimum work program	%	25	100	4	100	50	15	10	100	100	0	25		
Additional royalty	%	80.69	35.99	10.20	50.86	21.39	12.36	11.00	60.74	60.88	31.22	78.79		

¹ The main hydrocarbon is the hydrocarbon type anticipated in the exploratory prospects of the area.

² Field described here is for descriptive purposes and may not coincide exactly with the contractual area in question.

³ Original volume and all reserves categories corresponds to reserve information through Jan 1, 2016.

Source: National Hydrocarbons Commission, with information regarding exploratory opportunities from the PEMEX database version 4-2014.

MMboe = Million Barrels of Oil Equivalents

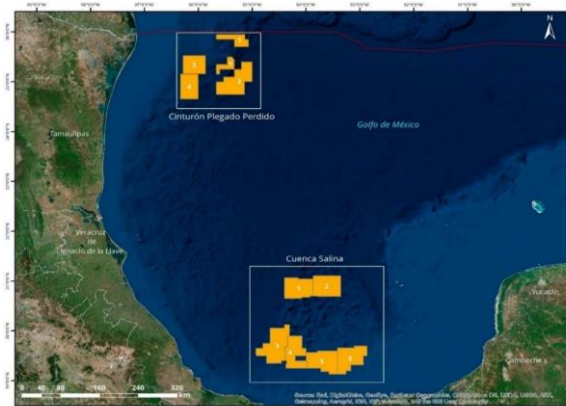
Round 1.3 Terrestre Extracción Campos Burgos, Campos Norte y Campos Sur

Datos generales	
Fecha de licitación	15/12/2015
Número de bloques	25
Provincia geológica	Burgos
	Southeast
Edades del play	Tampico-Misantla
	Mioceno
Litologías	Cretácico (Inferior, Medio y Superior)
	Dolomía, Arenisca
Tipos de hidrocarburos	Caliza, Arena
	Oil ligero
Tipo de contrato	Oil superligero
	Licencia



Round 1.4 Exploration and Extraction in Deep Waters Deep Gulf of Mexico

General Information	
Tender Date	05/12/2016
Number of Blocks	10
Geological Province	Perdido Fold Belt Salina Basin
Play Ages	Paleogene Neogene Mesozoic Upper Jurassic; Fractured Cretaceous
Lithology	Medium and fine sand Fractured Limestone, Breccias, Packstone/Grainstone
Hydrocarbon Type	Extra Light Oil Light Oil Extra Heavy Oil Wet Gas
Contract Type	License



Name	Unit	Perdido 1	Perdido 2	Perdido 3	Perdido 4	Salina Basin 1	Salina Basin 2	Salina Basin 3	Salina Basin 4	Salina Basin 5	Salina Basin 6	Total	Total Awarded	Average
Geological province		Perdido Fold Belt	Perdido Fold Belt	Salina del Bravo	Salina del Bravo	Salina del Istmo	Salina del Istmo	Salina del Istmo	Salina del Istmo	Salina del Istmo	Salina del Istmo			
Play ages		Paleogene	Neogene Paleogene	Paleogene, Neogene	Neogene, Paleogene	Mesozoic, Neogene	Mesozoic, Paleogene, Neogene	Neogene, Upper Jurassic, Paleogene	Paleogene, Cretaceous Fractured, Neogene	Neogene, Cretaceous Fractured	Neogene, Cretaceous Fractured, Upper Jurassic			
Lithology		Medium and Fine Sand	Medium and Fine Sand	Medium and Fine Sand	Medium and Fine Sand	Medium Sand, Fractured Limestone, Packstone/Oolitic Grainstone	Medium and Fine Sand, Breccia	Medium Sand y Fino, Packstone/Oolitic Grainstone	Medium and Fine Sand, Fractured Limestone	Medium Sand, Fractured Limestone	Medium Sand, Fractured Limestone, Packstone/Oolitic Grainstone			
Main hydrocarbons ^{1/}		Extra Light Oil	Extra Light Oil	Light Oil	Extra Light Oil	Light Oil	Light Oil	Wet Gas	Light Oil	Light Oil	Extra Heavy Oil			
Acreage	Km ²	1,678	2,977	1,687	1,877	2,381	2,411	3,287	2,359	2,573	2,606	23,835	18,818	2,384
Exploratory opportunities	Number	4	6	11	4	9	9	7	5	7	10	72	53	7
Water depth	Meters	2,515	3,237	1,005	1,264	2,437	2,205	1,763	1,196	849	604	604-3,237	849-3,237	
Probability of geological success	Min-Max	0.34-0.39	0.21-0.61	0.19-0.38	0.18-0.35	0.13-0.48	0.11-0.32	0.12-0.56	0.15-.026	0.13-0.30	0.10-0.35	0.10-0.61	0.12-0.61	
Average prospective resources	MMboe	625.8	1,439.7	1,304.0	540.5	1,851.9	1,446.0	1,668.9	392.1	621.4	999.2	10,889.5	8,444.3	1,088.9
Total prospective resources with risk	MMboe	232	639	371	145	434	304	409	75	127	172	2,907	2,432	291
Minimum work program	Work units	3,363	4,986	3,374	3,611	4,241	5,414	17,701	13,059	14,131	14,293	84,173	64,466	8,417

Contract number	CNH-R01-L04-A1.CPP/2016	CNH-R01-L04-A2.CPP/2016	CNH-R01-L04-A3.CPP/2016	CNH-R01-L04-A4.CPP/2016	CNH-R01-L04-A1.CS/2016		CNH-R01-L04-A3.CS/2016	CNH-R01-L04-A4.CS/2016	CNH-R01-L04-A5.CS/2016		
Contract signature date	10/03/2017	10/03/2017	28/02/2017	10/03/2017	10/03/2017		10/03/2017	10/03/2017	10/03/2017		
Winner	China Offshore Oil Corporation E&P Mexico	Total y ExxonMobil	Chevron, Pemex e Inpex	China Offshore Oil Corporation E&P Mexico	Statoil, BP y Total	No Winner	Statoil, BP y Total	PC Carigali y Sierra	Murphy, Ophir, PC Carigali y Sierra	No Winner	
Winner place	1	1	1	1	1	-	1	1	1	-	
Increase in minimum work program	% 1.5	1.5	0	1	1	-	1	0	1	-	
Additional royalty	% 17.01	5	7.44	15.01	10	-	10	22.99	26.91	-	

1/ The main hydrocarbon is the hydrocarbon type anticipated in the exploratory prospects of the area.

Source: National Hydrocarbons Commission, with information regarding exploratory opportunities from the PEMEX database version 4-2014.

MMboe = Million Barrels of Oil Equivalents