

EXPLANATION OF DATA TABLES FOR CHUKCHI SHELF ASSESSMENT PROVINCE

RESULTS

LOG-N PARAMS (PORE)

Key mathematic parameters that describe log-normal probability distributions for volume of hydrocarbon-bearing rock, in acre-feet, for each play as reported in the **PORE** module of **GRASP**.

mu

Natural logarithm of F50 value of log-normal distribution for volume of hydrocarbon-bearing rock, or “ μ ”, for the subject play. **mu** = ln F50. [Note: distribution **mean** = $e^{(\mu + 0.5[\text{sig. sq.}]})$.]

sig. sq.

The variance of the log-normal distribution for volume of hydrocarbon-bearing rock, or “ σ^2 ”, for the subject play. **sig. sq.** = {ln [0.5((F50/F16)+(F84/F50))]}².

N (MPRO)

Number of hydrocarbon pools calculated for the plays by the **MPRO** module of **GRASP** from inputs for probability distributions of prospect numbers and geologic chances of success (approximately the product of play and prospect chances of success). The maximum (**Max**) number of pools for each play was entered into the **MONTE1** module of **GRASP** to fix the number of pools aggregated to calculate play resources.

Reserves

Sums of recoverable oil and gas volumes for pools within the play, including both proven and inferred reserve categories. A “prop” entry indicates that the reserve data are proprietary.

BCF

Billions of cubic feet of gas, recoverable, at standard (surface) conditions (here fixed at a temperature of 60° Fahrenheit or 520° Rankine, and 14.73 psi atmospheric pressure).

MMB

Millions of barrels of oil, recoverable, at standard (surface) conditions.

Undiscovered Potential

Risked, undiscovered, conventionally recoverable oil and gas resources of the play, here reported at **Means** of probability distributions.

EXPLANATION OF DATA TABLES FOR CHUKCHI SHELF ASSESSMENT PROVINCE

Mean Pool Sizes of Ranks 1 to 3 Unrisked (or conditional) mean volumes of recoverable oil and gas in the three largest pools in the play.

PLAY INPUT DATA

F100.....F00	Fractiles for values within probability distributions entered to GRASP for calculations of play resources. Four-point distributions (F100, F50, F02, F00) generally indicate that calculations were conducted using log-normal mathematics. Eight-point distributions generally indicate that calculations were conducted using Monte Carlo mathematics. Choice of mathematic approach was in most cases the option of the assessor.
Prospect Area	Maximum area of prospect closure, or area within spill contour, in acres. Probability distributions for prospect areas were generally based on distributions assembled independently for each play from large numbers of prospects mapped with seismic reflection data.
Trap Fill	Trap fill fraction, or fraction of prospect area in which the reservoir is predicted to be saturated by hydrocarbons.
Pool Area	Areal extent of hydrocarbon-saturated part of prospect, in acres. Calculated using PRASS , or SAMPLER module of GRASP , to integrate input probability distributions for prospect areas and trap fill fractions.
Pay Thickness	Thickness of hydrocarbon-productive part of reservoir within pool areas, in feet. Probability distributions for prospect areas, trap fill fractions, and pay thicknesses are integrated in the PORE module of GRASP , to calculate a probability distribution for volume of hydrocarbon-bearing rock, in feet, within the play as reported above under LOG-N PARAMS (PORE) .

EXPLANATION OF DATA TABLES FOR CHUKCHI SHELF ASSESSMENT PROVINCE

Oil Yield (Recov. B/Acre-Feet)	Oil, in barrels at standard (surface) conditions, recoverable from a volume of one acre-foot of oil-saturated reservoir in the subsurface. Oil yield probability distributions were generally calculated in a separate exercise using PRASS to integrate input probability distributions for porosities, oil saturations, oil shrinkage factors (or “Formation Volume Factors”), and oil recovery efficiencies.
Gas Yield (MMCF/Ac.-Ft.)	Gas, in millions of cubic feet at standard (surface) conditions, recoverable from a volume of one acre-foot of gas-saturated reservoir in the subsurface. Distributions were generally calculated in a separate exercise using PRASS to integrate input probability distributions for porosities, gas saturations, reservoir pressures, reservoir temperatures (in degrees Rankine), gas deviation (“Z”) factors, combustible fractions (that exclude noncombustibles such as carbon dioxide, nitrogen, etc.), and gas recovery efficiencies.
Solution Gas-Oil Ratio (CF/B)	Quantity of gas dissolved in oil in the reservoir that separates from the oil when brought to standard (surface) conditions, in cubic feet recovered per barrel of produced oil.
Gas Cond. (B/MMCF)	Quantity of liquids or condensate dissolved in gas in the reservoir that separates from the gas when brought to standard (surface) conditions, in barrels recovered per million cubic feet of produced gas.
Number of Prospects.....	Probability distributions for numbers of prospects in plays, generally ranging from minimum values (F99) representing the numbers of mapped prospects, to maximum values (F00) that include speculative estimates for the numbers of additional prospects that remain unidentified (generally stratigraphic prospects, geophysically indefinite prospects, or prospects expected in areas with no seismic coverage).

EXPLANATION OF DATA TABLES FOR CHUKCHI SHELF ASSESSMENT PROVINCE

Probabilities for Oil, Gas, or Mixed Pools

Oil (OPROB)	Fraction of hydrocarbon pools that consist entirely of oil, with no free gas present. Typically, an undersaturated oil pool.
Gas (GPROB)	Fraction of hydrocarbon pools consisting entirely of gas, with no free oil present.
Mixed (MXPROB)	Fraction of hydrocarbon pools that contain both oil and gas as free phases, the gas usually present as a gas cap overlying the oil.
Fraction of Net Pay to Oil (OFRAC)	When a hydrocarbon pool is modeled as a mixed case, with both oil and gas present, the fraction of pool volume that is saturated by oil in the subsurface.
Play Chance Success	Probability that the play contains <u>at least one</u> pool of technically-recoverable hydrocarbons (that would flow into a conventional wellbore in a flow test or during production).
Prospect Chance Success	The fraction of prospects within the play that are predicted to contain hydrocarbon pools, <u>given the condition</u> that at least one pool of technically-recoverable hydrocarbons occurs within the play.
Play Type (E-F-C)	Play classification scheme.
E	Established play, in which significant numbers of fields have been discovered, providing the assessor with data for pool size distributions and reservoirs sufficient to allow the assessor to model the play with confidence.
F	Frontier play, where exploration activities are at an early stage. Some wells have already been drilled to test the play concept but no commercial fields have been established.

EXPLANATION OF DATA TABLES FOR CHUKCHI SHELF ASSESSMENT PROVINCE

C

Conceptual play, hypothesized by analysts based on the subsurface geologic knowledge of the area. Such plays remain hypothetical and the play concept has not been tested.

CHUKCHI SHELF												
			Log-N Params.									
			PORE		N (MPRO)		Reserves		Undiscovered Potentia			
Play			Ac/Ft mu	Ac/Ft sig. sq.	No. Pools Mean	Pools Max	Gas (BCF)	Oil (MMB)	Gas (BCF)	Oil (MMB)		
No.	Area	UAI Code	Name									
1	CHUKCHI	UACS0100	Endicott Clastics-Chuk. Plat.		13.931	1.441	22	89	--	--	9762	3001
2	CHUKCHI	UACS0200	Endicott Clastics-Arct. Plat.		12.174	2.018	0.3	7	--	--	35	2
3	CHUKCHI	UACS0300	Lisburne Carbonates		12.724	1.347	2	18	--	--	137	41
4	CHUKCHI	UACS0400	Ellesmerian "Deep Gas"		12.836	0.963	9	61	--	--	629	16
5	CHUKCHI	UACS0500	Sadlerochit Gp.-Chuk. Plat.		13.452	1.468	13	33	--	--	2993	537
6	CHUKCHI	UACS0600	Sadlerochit Gp.-Arct. Plat.		13.638	1.055	6	28	--	--	1935	660
7	CHUKCHI	UACS0700	Rift Seq.-Active Margin Clastics		13.150	1.883	31	78	--	--	8547	4136
8	CHUKCHI	UACS0800	Rift Seq.-Stable Marine Shelf		13.081	1.632	27	76	--	--	5026	1645
9	CHUKCHI	UACS0900	Rift Seq.-"Deep Gas"		11.694	0.473	4	17	--	--	108	3
10	CHUKCHI	UACS1000	Herald Arch, Thrust Zone		10.525	0.418	0.2	8	--	--	1	0
11	CHUKCHI	UACS1100	Foreland Foldbelt		13.097	1.405	17	42	--	--	4491	265
12	CHUKCHI	UACS1200	Torok Turbs.-Chuk. Wrench Zn.		12.430	1.357	10	39	--	--	635	147
13	CHUKCHI	UACS1300	Nanushuk-Chuk. Wrench Zn.		12.342	1.476	2	19	--	--	326	110
14	CHUKCHI	UACS1400	Sand Apron - N. Chuk. High		13.971	2.343	7	33	--	--	13082	1182
15	CHUKCHI	UACS1500	L.Brook. Topset-N. Chuk. Bsn.		12.182	1.543	15	54	--	--	1491	99
16	CHUKCHI	UACS1600	Brookian "Deep Gas"		12.547	0.846	3	36	--	--	237	6
17	CHUKCHI	UACS1700	Torok Turbs.-Arct. Plat.		12.669	0.337	0.2	5	--	--	8	3
18	CHUKCHI	UACS1800	Nanushuk-Arct. Plat.		12.232	0.640	1	8	--	--	34	45
19	CHUKCHI	UACS1900	U.Brookian Sag Seq.-N. Chuk. Bsn.		10.978	1.352	1	10	--	--	38	2
20	CHUKCHI	UACS2000	U. Brookian Turbs.-N. Chuk. Bsn.		12.063	0.932	6	36	--	--	484	27
21	CHUKCHI	UACS2100	U. Brookian-Paleovalley Fill		13.034	1.059	5	34	--	--	1637	886
22	CHUKCHI	UACS2200	U. Brookian-Intervalley Highs		12.026	1.305	3	20	--	--	203	204

CHUKCHI SHELF													
PLAY		MEAN POOL SIZES OF RANKS 1 TO 3						INPUT DATA					
		Pool #1		Pool #2		Pool #3		Prospect Area (Acres)					
No.	Name	Gas (BCF)	Oil (MMB)	Gas (BCF)	Oil (MMB)	Gas (BCF)	Oil (MMB)	F100	F95	F75	F50	F25	F05
1	Endicott Clastics-Chuk. Plat.	3022	924	1742	541	1151	347	302			18650		
2	Endicott Clastics-Arct. Plat.	123	6	32	2	20	1	42			6430		
3	Lisburne Carbonates	149	42	66	19	35	10	242			11150		
4	Ellesmerian "Deep Gas"	286	7	140	4	117	3	472			12480		
5	Sadlerochit Gp.-Chuk. Plat.	1035	189	525	98	317	58	220			16160		
6	Sadlerochit Gp.-Arct. Plat.	1077	369	601	210	378	129	280			9730		
7	Rift Seq.-Active Margin Clastics	2383	1108	1216	580	766	358	120			13300		
8	Rift Seq.-Stable Marine Shelf	1375	421	732	230	468	143	117			11150		
9	Rift Seq.-"Deep Gas"	48	1	25	1	21	1	1670			13930		
10	Herald Arch, Thrust Zone	3	0	1	0	1	0	420			3000		
11	Foreland Foldbelt	1569	39	755	19	551	14	304			13220		
12	Torok Turbs.-Chuk. Wrench Zn.	226	57	112	30	66	17	200			9240		
13	Nanushuk-Chuk. Wrench Zn.	335	124	140	55	74	27	110			7610		
14	Sand Apron - N. Chuk. High	9418	231	3011	590	1798	313	40			8590		
15	L.Brook. Topset-N. Chuk. Bsn.	1042	26	275	29	219	20	70			5090		
16	Brookian "Deep Gas"	235	6	114	3	92	2	280			6540		
17	Torok Turbs.-Arct. Plat.	52	18	36	13	28	10	1370			7400		
18	Nanushuk-Arct. Plat.	48	60	27	35	19	24	560			6820		
19	U.Brookian Sag Seq.-N. Chuk. Bsn.	95	2	20	5	13	3	70			4500		
20	U. Brookian Turbs.-N. Chuk. Bsn.	305	8	111	10	80	7	120			3420		
21	U. Brookian-Paleovalley Fill	904	499	474	267	288	159	160			4840		
22	U. Brookian-Intervalley Highs	218	203	100	95	56	52	140			7770		

CHUKCHI SHELF

INPUT DATA

PLAY		Prospect Area (Acres)			Trap Fill (Dec. Frac.)								
No.	Name	F02	F01	F00	F100	F95	F75	F50	F25	F05	F02	F01	F00
1	Endicott Clastics-Chuk. Plat.	181800		1151000	0.08			0.43			0.68		1.00
2	Endicott Clastics-Arct. Plat.	103500		985000	0.08			0.43			0.68		1.00
3	Lisburne Carbonates	92400		514000	0.08			0.43			0.68		1.00
4	Ellesmerian "Deep Gas"	77000		330000	0.08			0.43			0.68		1.00
5	Sadlerochit Gp.-Chuk. Plat.	173600		1190000	0.08			0.43			0.68		1.00
6	Sadlerochit Gp.-Arct. Plat.	69400		341000	0.08			0.43			0.68		1.00
7	Rift Seq.-Active Margin Clastics	176500		1437000	0.08			0.43			0.68		1.00
8	Rift Seq.-Stable Marine Shelf	138000		1100000	0.08			0.43			0.68		1.00
9	Rift Seq.-"Deep Gas"	45000		116000	0.08			0.43			0.68		1.00
10	Herald Arch, Thrust Zone	8000		22000	0.12			0.25			0.35		0.50
11	Foreland Foldbelt	106200		575000	0.12			0.25			0.35		0.50
12	Torok Turbs.-Chuk. Wrench Zn.	77600		436000	0.08			0.43			0.68		1.00
13	Nanushuk-Chuk. Wrench Zn.	78300		519000	0.08			0.43			0.68		1.00
14	Sand Apron - N. Chuk. High	172600		1900000	0.17			0.66			0.87		1.00
15	L.Brook. Topset-N. Chuk. Bsn.	55400		384000	0.09			0.25			0.38		0.60
16	Brookian "Deep Gas"	37100		152000	0.08			0.43			0.68		1.00
17	Torok Turbs.-Arct. Plat.	18800		40000	0.08			0.43			0.68		1.00
18	Nanushuk-Arct. Plat.	27100		83000	0.08			0.43			0.68		1.00
19	U.Brookian Sag Seq.-N. Chuk. Bsn.	45000		292000	0.09			0.25			0.38		0.60
20	U. Brookian Turbs.-N. Chuk. Bsn.	21500		95000	0.09			0.25			0.38		0.60
21	U. Brookian-Paleovalley Fill	32140		149000	0.08			0.43			0.68		1.00
22	U. Brookian-Intervalley Highs	71250		430000	0.08			0.43			0.68		1.00

CHUKCHI SHELF

INPUT DATA

PLAY		Pool Area (Acres)									Pay Thickness (Feet)				
No.	Name	F100	F95	F75	F50	F25	F05	F02	F01	F00	F100	F95	F75	F50	F25
1	Endicott Clastics-Chuk. Plat.	120			8020			81800		538000	30			140	
2	Endicott Clastics-Arct. Plat.	17			2770			46200		453000	10			70	
3	Lisburne Carbonates	95			4800			42000		241000	23			70	
4	Ellesmerian "Deep Gas"	183			5370			35000		157000	18			70	
5	Sadlerochit Gp.-Chuk. Plat.	90			6950			78000		550000	34			100	
6	Sadlerochit Gp.-Arct. Plat.	110			4190			31500		162000	100			200	
7	Rift Seq.-Active Margin Clastics	50			5700			79000		665000	14			90	
8	Rift Seq.-Stable Marine Shelf	50			4800			62000		492000	34			100	
9	Rift Seq.-"Deep Gas"	610			5990			21100		59000	6			20	
10	Herald Arch, Thrust Zone	90			750			2400		6300	17			50	
11	Foreland Foldbelt	60			3250			30200		184000	25			150	
12	Torok Turbs.-Chuk. Wrench Zn.	80			3980			35000		205000	10			63	
13	Nanushuk-Chuk. Wrench Zn.	40			3270			35200		242000	18			70	
14	Sand Apron - N. Chuk. High	20			5840			127500		1550000	60			200	
15	L.Brook. Topset-N. Chuk. Bsn.	20			1300			15000		109000	40			150	
16	Brookian "Deep Gas"	110			2810			16900		73000	34			100	
17	Torok Turbs.-Arct. Plat.	490			3180			9000		21000	34			100	
18	Nanushuk-Arct. Plat.	210			2930			12560		41000	18			70	
19	U.Brookian Sag Seq.-N. Chuk. Bsn.	20			1170			11760		76000	16			50	
20	U. Brookian Turbs.-N. Chuk. Bsn.	30			870			5700		26000	66			200	
21	U. Brookian-Paleovalley Fill	60			2080			14600		71000	50			220	
22	U. Brookian-Intervalley Highs	60			3340			32100		201000	16			50	

CHUKCHI SHELF

INPUT DATA

PLAY		Pay Thickness (Feet)				Oil Yield (Recov. B/Acre-Foot)						Gas Yield (MMCF/Ac.-Ft)					
No.	Name	F05	F02	F01	F00	F100	F95	F75	F50	F25	F05	F01	F00	F100	F95	F75	F50
1	Endicott Clastics-Chuk. Plat.		320		700	3	16	32	53	86	177	292	813	0.015	0.070	0.142	0.232
2	Endicott Clastics-Arct. Plat.		150		350	2	11	23	39	65	137	231	668	0.005	0.030	0.065	0.110
3	Lisburne Carbonates		190		430	2	7	14	23	37	73	118	314	0.006	0.029	0.059	0.098
4	Ellesmerian "Deep Gas"		150		280	--	--	--	--	--	--	--	--	0.001	0.011	0.030	0.058
5	Sadlerochit Gp.-Chuk. Plat.		180		290	2	9	16	25	39	75	117	293	0.020	0.077	0.146	0.229
6	Sadlerochit Gp.-Arct. Plat.		370		610	6	25	47	73	114	215	335	833	0.017	0.081	0.170	0.285
7	Rift Seq.-Active Margin Clastics		250		570	11	38	69	103	156	282	427	997	0.025	0.108	0.212	0.340
8	Rift Seq.-Stable Marine Shelf		180		290	5	18	34	53	83	157	247	618	0.013	0.065	0.139	0.236
9	Rift Seq.-"Deep Gas"		38		65	--	--	--	--	--	--	--	--	0.004	0.024	0.058	0.107
10	Herald Arch, Thrust Zone		92		150	--	--	--	--	--	--	--	--	0.001	0.003	0.009	0.020
11	Foreland Foldbelt		400		890	6	20	32	45	65	110	160	330	0.036	0.107	0.178	0.255
12	Torok Turbs.-Chuk. Wrench Zn.		170		380	2	8	16	26	43	87	143	396	0.006	0.037	0.087	0.158
13	Nanushuk-Chuk. Wrench Zn.		150		280	7	30	58	93	147	287	458	1192	0.007	0.052	0.130	0.245
14	Sand Apron - N. Chuk. High		370		650	8	33	66	107	174	348	567	1535	0.007	0.049	0.125	0.239
15	L.Brook. Topset-N. Chuk. Bsn.		310		560	1	5	11	18	31	65	110	324	0.009	0.052	0.118	0.209
16	Brookian "Deep Gas"		180		290	--	--	--	--	--	--	--	--	0.003	0.019	0.049	0.094
17	Torok Turbs.-Arct. Plat.		180		290	6	19	33	48	70	122	179	392	0.031	0.097	0.165	0.238
18	Nanushuk-Arct. Plat.		150		280	47	113	170	225	300	448	597	1070	0.006	0.028	0.057	0.094
19	U.Brookian Sag Seq.-N. Chuk. Bsn.		93		155	15	47	81	117	170	291	424	916	0.050	0.165	0.290	0.429
20	U. Brookian Turbs.-N. Chuk. Bsn.		370		610	2	9	17	26	41	78	122	305	0.025	0.095	0.176	0.269
21	U. Brookian-Paleovalley Fill		500		970	33	100	168	240	344	577	829	1740	0.044	0.190	0.379	0.612
22	U. Brookian-Intervalley Highs		93		155	65	145	212	276	359	524	683	1176	0.085	0.221	0.346	0.471

CHUKCHI SHELF

		INPUT DATA															
PLAY		Gas Yield (MMCF/Ac.-Ft)				Solution Gas Oil Ratio (CF/B)							Gas Cond. (B/MMCF)				
No.	Name	F25	F05	F01	F00	F100	F95	F75	F50	F25	F05	F01	F00	F100	F95	F75	F50
1	Endicott Clastics-Chuk. Plat.	0.382	0.777	1.279	3.546	260	750	1200	1500	2000	3200	4200	8000	20	35	42	52
2	Endicott Clastics-Arct. Plat.	0.189	0.408	0.702	2.127	170	520	800	1100	1500	2300	3100	7000	20	35	42	52
3	Lisburne Carbonates	0.162	0.336	0.560	1.591	230	750	1300	1700	2300	3800	5200	10000	20	35	42	52
4	Ellesmerian "Deep Gas"	0.115	0.305	0.605	2.454	--	--	--	--	--	--	--	--	10	17	22	25
5	Sadlerochit Gp.-Chuk. Plat.	0.358	0.679	1.067	2.680	1000	1800	2200	2500	3000	3800	4200	5000	20	35	42	52
6	Sadlerochit Gp.-Arct. Plat.	0.477	1.000	1.684	4.879	220	600	900	1200	1600	2500	3100	6000	20	35	42	52
7	Rift Seq.-Active Margin Clastics	0.544	1.069	1.720	4.541	190	420	590	730	900	1300	1600	3000	20	35	42	52
8	Rift Seq.-Stable Marine Shelf	0.400	0.856	1.181	4.361	250	680	1000	1300	1800	2700	3600	7000	20	35	42	52
9	Rift Seq.-"Deep Gas"	0.196	0.469	0.865	3.024	--	--	--	--	--	--	--	--	10	17	22	25
10	Herald Arch, Thrust Zone	0.045	0.141	0.317	1.646	--	--	--	--	--	--	--	--	10	17	22	25
11	Foreland Foldbelt	0.364	0.609	0.874	1.829	800	980	1050	1100	1200	1250	1300	1500	10	17	22	25
12	Torok Turbs.-Chuk. Wrench Zn.	0.285	0.665	1.206	4.074	280	700	1050	1300	1800	2600	3600	7000	20	35	42	52
13	Nanushuk-Chuk. Wrench Zn.	0.461	1.149	2.181	8.081	100	400	720	1100	1700	3000	4500	10000	20	35	42	52
14	Sand Apron - N. Chuk. High	0.458	1.166	2.248	8.598	800	1700	2200	2800	3300	4400	5500	9000	10	17	22	25
15	L.Brook. Topset-N. Chuk. Bsn.	0.368	0.832	1.476	4.758	100	380	700	1100	1700	3200	5000	10000	10	17	22	25
16	Brookian "Deep Gas"	0.180	0.459	0.885	3.387	--	--	--	--	--	--	--	--	10	17	22	25
17	Torok Turbs.-Arct. Plat.	0.345	0.585	0.849	1.814	900	1020	1070	1100	1120	1140	1200	1300	20	35	42	52
18	Nanushuk-Arct. Plat.	0.155	0.318	0.526	1.474	490	530	550	570	590	600	620	680	20	35	42	52
19	U.Brookian Sag Seq.-N. Chuk. Bsn.	0.635	1.115	1.656	3.716	100	270	400	540	700	1140	1450	3000	10	17	22	25
20	U. Brookian Turbs.-N. Chuk. Bsn.	0.414	0.767	1.182	2.865	3000	3700	3900	4000	4300	4700	5000	5700	10	17	22	25
21	U. Brookian-Paleovalley Fill	0.988	1.967	3.190	8.573	100	270	410	590	780	1300	1700	3400	20	35	42	52
22	U. Brookian-Intervalley Highs	0.643	1.005	1.375	2.610	130	230	300	330	400	500	600	900	20	35	42	52

CHUKCHI SHELF

INPUT DATA

PLAY		Gas Cond. (B/MMCF)				Number of Prospects in Play							
No.	Name	F25	F05	F01	F00	F99	F95	F75	F50	F25	F05	F01	F00
1	Endicott Clastics-Chuk. Plat.	55	68	75	100	35	40	50	59	67	81	96	140
2	Endicott Clastics-Arct. Plat.	55	68	75	100	10	11	13	16	17	20	23	30
3	Lisburne Carbonates	55	68	75	100	39	40	43	48	52	56	63	78
4	Ellesmerian "Deep Gas"	28	35	40	50	86	100	125	150	185	240	285	430
5	Sadlerochit Gp.-Chuk. Plat.	55	68	75	100	32	33	36	40	43	49	52	64
6	Sadlerochit Gp.-Arct. Plat.	55	68	75	100	32	35	39	42	46	50	55	64
7	Rift Seq.-Active Margin Clastics	55	68	75	100	33	34	41	46	52	63	70	99
8	Rift Seq.-Stable Marine Shelf	55	68	75	100	24	27	34	40	46	57	66	96
9	Rift Seq.-"Deep Gas"	28	35	40	50	16	18	22	24	27	32	36	48
10	Herald Arch, Thrust Zone	28	35	40	50	2	3	6	8	13	23	36	102
11	Foreland Foldbelt	28	35	40	50	57	59	67	72	79	88	93	114
12	Torok Turbs.-Chuk. Wrench Zn.	55	68	75	100	41	44	57	66	77	96	115	164
13	Nanushuk-Chuk. Wrench Zn.	55	68	75	100	93	98	105	120	130	150	160	186
14	Sand Apron - N. Chuk. High	28	35	40	50	54	62	73	80	90	105	115	153
15	L.Brook. Topset-N. Chuk. Bsn.	28	35	40	50	60	63	68	70	73	79	81	91
16	Brookian "Deep Gas"	28	35	40	50	47	55	69	80	91	110	130	188
17	Torok Turbs.-Arct. Plat.	55	68	75	100	3	4	6	6	7	9	10	15
18	Nanushuk-Arct. Plat.	55	68	75	100	9	10	11	13	14	17	19	27
19	U.Brookian Sag Seq.-N. Chuk. Bsn.	28	35	40	50	20	22	27	30	33	40	44	60
20	U. Brookian Turbs.-N. Chuk. Bsn.	28	35	40	50	12	14	18	21	26	33	40	60
21	U. Brookian-Paleovalley Fill	55	68	75	100	27	30	40	48	57	68	89	135
22	U. Brookian-Intervalley Highs	55	68	75	100	13	15	18	20	22	26	30	39

CHUKCHI SHELF

		INPUT DATA						
		Probabilities for Oil, Gas, or Mixed Pools			Fraction of Net	Play	Prospect	
PLAY		Oil (OPROB)	Gas (GPROB)	Mixed (MXPROB)	Pay to Oil (OFRAC)	Chance Success	Chance Success	Play Type E - F - C
No.	Name							
1	Endicott Clastics-Chuk. Plat.	0.00	0.00	1.00	0.70	0.72	0.51	C
2	Endicott Clastics-Arct. Plat.	0.00	0.90	0.10	0.70	0.40	0.05	C
3	Lisburne Carbonates	0.00	0.00	1.00	0.70	0.49	0.10	C
4	Ellesmerian "Deep Gas"	0.00	1.00	0.00	0.00	0.54	0.10	C
5	Sadlerochit Gp.-Chuk. Plat.	0.00	0.00	1.00	0.70	1.00	0.32	C
6	Sadlerochit Gp.-Arct. Plat.	0.00	0.00	1.00	0.70	0.60	0.24	C
7	Rift Seq.-Active Margin Clastics	0.00	0.00	1.00	0.70	1.00	0.64	C
8	Rift Seq.-Stable Marine Shelf	0.00	0.00	1.00	0.70	1.00	0.64	C
9	Rift Seq.-"Deep Gas"	0.00	1.00	0.00	0.00	1.00	0.15	C
10	Herald Arch, Thrust Zone	0.00	1.00	0.00	0.00	1.00	0.02	C
11	Foreland Foldbelt	0.36	0.64	0.00	0.00	1.00	0.23	C
12	Torok Turbs.-Chuk. Wrench Zn.	0.00	0.00	1.00	0.70	1.00	0.14	C
13	Nanushuk-Chuk. Wrench Zn.	0.00	0.00	1.00	0.70	0.49	0.04	C
14	Sand Apron - N. Chuk. High	0.34	0.43	0.23	0.50	0.64	0.13	C
15	L.Brook. Topset-N. Chuk. Bsn.	0.34	0.43	0.23	0.50	0.50	0.42	C
16	Brookian "Deep Gas"	0.00	1.00	0.00	0.00	0.30	0.12	C
17	Torok Turbs.-Arct. Plat.	0.00	0.00	1.00	0.70	0.50	0.05	C
18	Nanushuk-Arct. Plat.	0.00	0.00	1.00	0.70	1.00	0.06	C
19	U.Brookian Sag Seq.-N. Chuk. Bsn.	0.34	0.43	0.23	0.50	0.40	0.05	C
20	U. Brookian Turbs.-N. Chuk. Bsn.	0.34	0.43	0.23	0.50	0.64	0.40	C
21	U. Brookian-Paleovalley Fill	0.00	0.00	1.00	0.70	0.70	0.15	C
22	U. Brookian-Intervalley Highs	0.00	0.00	1.00	0.70	0.48	0.28	C