

AUTHORITY FOR EXPENDITURE ("AFE")

FINAL - LF

LEASE: Laguna 23 Fed Com WELL NUMBER: 2H TD: 15,900' TVD 11,150'
LOCATION: SHL: 330' FSL & 660' FWL Sec. 23, T20S, R34E
 BHL: 330' FNL & 660' FWL Sec. 23, T20S, R34E

FIELD: EXPLORATORY, DEVELOPMENT, WORKOVER: Exploratory
DESCRIPTION OF WORK: Drill and complete 3rd Bone Springs Horizontal No Pilot Hole

DATE PREPARED: 1-25-2012 EST. START DATE: 2012 EST. COMPLETION DATE: 2012
ACCOUNTING WELL NUMBER:

INTANGIBLE COSTS:				CODE	TO CSG PT	CODE	COMPLETION	TOTAL WELL
Drilling Footage	0 Ft @	0.00 \$/Ft		1514.101	0	NA	0	0
Drilling Daywork	48 4	19,500 \$/day		1514.105	1,001,520	1515.105	83,460	1,084,980
Drilling Turnkey				1514.110	0	1515.110	0	0
Rig Mobilization and Demobilization				1514.115	96,300	1515.115	0	96,300
Road & Location Expense				1514.120	83,460	1515.123	24,503	107,963
Closed Loop System & Disposal Cost				1514.124	353,100	NA	0	353,100
Damages				1514.126	15,000	1515.126	0	15,000
Directional Drilling - Tools and Service				1514.130	283,550	1515.130	0	283,550
Drilling Fluids				1514.136	132,145	1515.132	0	132,145
Fuel, Power, and Water				1514.140	219,350	1515.140	14,980	234,330
Supplies - Bits				1514.146	121,445	1515.145	8,025	129,470
Supplies - Casing Equipment				1514.150	7,918	1515.150	23,005	30,923
Supplies - Liner Equipment				1514.155	0	1515.155	0	0
Supplies - Miscellaneous				1514.160	3,745	1515.160	11,235	14,980
Cement and Cmt. Services - Surface Csg				1514.165	19,260	NA	0	19,260
Cement and Cmt. Services - Int. Csg				1514.170	80,250	NA	0	80,250
Cement and Cmt. Services - Prod. Csg				NA	0	1515.172	99,510	99,510
Cement and Cmt. Services - Other				1514.175	0	1515.175	0	0
Rental - Drilling Tools and Equipment				1514.180	103,790	1515.180	0	103,790
Rental - Misc.				1514.185	254,286	1515.185	207,045	461,331
Testing - Drill Stem / Production				1514.195	0	1515.195	51,360	51,360
Open Hole Logging				1514.200	0	NA	0	0
Mudlogging Services				1514.210	60,348	NA	0	60,348
Special Services				1514.190	0	1515.190	38,520	38,520
Plug and Abandon				1514.215	85,000	1515.215	(85,000)	0
Pulling and/or Swabbing Unit				NA	0	1515.217	95,872	95,872
Reverse Equipment				NA	0	1515.219	34,240	34,240
Wireline Services				1514.205	3,745	1515.205	100,580	104,325
Stimulation				NA	0	1515.221	1,813,222	1,813,222
Pump / Vacuum Truck Services				1514.220	18,725	1515.220	111,280	130,005
Transportation				1514.225	29,425	1515.225	25,680	55,105
Tubular Goods - Inspection & Testing				1514.230	50,825	1515.230	12,840	63,665
Unclassified				1514.245	0	1515.245	0	0
Telephone and Radio Expense				1514.240	2,766	1515.240	856	3,622
Engineer / Geologist / Landman				1514.250	19,260	1515.250	18,000	37,260
Company Labor - Field Supervision				1514.255	85,065	1515.255	37,500	122,565
Contract Labor / Roustabout				1514.265	77,040	1515.265	96,300	173,340
Legal and Professional Service				1514.270	0	1515.270	0	0
Insurance				1514.275	0	1515.275	0	0
Overhead				1514.280	14,000	1515.280	0	14,000
SUBTOTAL					3,221,317		2,823,013	6,044,330
Contingencies (5%)					161,066		141,151	302,217
ESTIMATED TOTAL INTANGIBLES					3,382,383		2,964,164	6,346,547

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TANGIBLE COSTS:			CODE	TO CSG PT	CODE	COMPLETION	TOTAL WELL
Conductor Casing	40 Ft @	400.00 \$/Ft	1520.305	16,000	NA	0	16,000
Surface Csg	675 Ft @	52.00 \$/Ft	1520.310	35,100	NA	0	35,100
Intermediate Csg	3,700 Ft @	36.00 \$/Ft	1520.315	133,200	NA	0	133,200
Protection Csg	900 Ft @	42.00 \$/Ft	1520.320	37,800	NA	0	37,800
Production Csg	15,100 Ft @	21.00 \$/Ft	NA	0	1522.325	317,100	317,100
Protection Liner	0 Ft @	0.00 \$/Ft	1520.330	0	NA	0	0
Production Liner	0 Ft @	0.00 \$/Ft	NA	0	1522.335	0	0
Tubing	11,100 Ft @	6.80 \$/Ft	NA	0	1522.340	75,480	75,480
Rods	11,100 Ft @	4.00 \$/Ft	NA	0	1522.345	44,400	44,400
Artificial Lift Equipment			NA	0	1522.350	123,050	123,050
Tank Battery			NA	0	1522.355	110,745	110,745
Separators/Heater Treater/Gas Units/FWKO			NA	0	1522.360	26,750	26,750
Well Head Equipment & Christmas Tree			1520.365	28,890	1522.365	42,800	71,690
Subsurface Well Equipment			NA	0	1522.370	19,795	19,795
Flow Lines & Pipe Lines			NA	0	1522.375	10,700	10,700
Saltwater Disposal Pump			NA	0	1522.381	9,095	9,095
Gas Meter			NA	0	1522.385	11,235	11,235
Lact Unit			NA	0	1522.387	0	0
Vapor Recovery Unit			NA	0	1522.389	0	0
Other Well Equipment			NA	0	1522.390	9,095	9,095
ROW and Damages			NA	0	1522.393	10,700	10,700
Surface Equipment Installation Costs			NA	0	1522.395	46,010	46,010
Elect. Installation			NA	0	1522.397	42,800	42,800
ESTIMATED TOTAL TANGIBLES				250,990		899,755	1,150,745
ESTIMATED TOTAL WELL COSTS				3,633,373		3,863,919	7,497,292

☐ By checking this box, Non-Operator hereby waives and rejects coverage under Operator's Extra Expense Indemnity Insurance and relies on the coverage provided by its own insurance, and shall within 15 days of approval of this AFE by Non-Operator, provide Operator with a certificate of insurance reflecting current coverage comparable to those provided by Operator. Failure to check this box shall be deemed an election to obtain coverage under Operator's Extra Expense Indemnity Insurance.

THIS AFE IS ONLY AN ESTIMATE. BY SIGNING YOU AGREE TO PAY YOUR SHARE OF THE ACTUAL COSTS INCURRED.

Nearburg Producing Company

By: _____ Date: _____ Geology: _____
 Matt Lee, Operations Manager Engineering: _____
By: _____ Date: _____ Land: _____
 Terry Gant, Midland Manager

WI APPROVAL: COMPANY _____
 BY _____
 TITLE _____
 DATE _____