

**Drilling Mud Recap**

## SYNOPSIS

OPERATOR	PPCoN
WELL	Egdar 2/7-30
LOCATION	Egdar
SPUD DATE	27.02.95
DATE TD	03.04.95
TOTAL DEPTH	11410 Ft.

### MUD SYSTEMS

Seawater/Bentonite	Drilling 36"	Interval
Bentonite/Native Clay	Drilling 26"	Interval
KCl/Pac/Glycol	Drilling 17 1/2"	Interval
KCl/Pac/Glycol	Drilling 12 1/4"	Interval
KCl/Pac/Glycol	Drilling 8 1/2"	Interval

36" Hole to 695 Ft.	30" Casing to 685 Ft.
26" Hole to 1540 Ft.	20" Casing to 1517 Ft.
17 1/2" Hole to 5034 Ft.	13 3/8" Casing to 5014 Ft.
12 1/4" Hole to 10302 Ft.	9 7/8" Casing to 10289 Ft.
8 1/2" Hole to 11410 Ft.	

### ENGINEERED BY:

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**SECTION 3**

**INTERVAL MATERIALS CONSUMPTION**

**PPCoN MAERSK GUARDIAN  
WELL EGDAR 2/7-30**

**Interval Materials Consumption**

Well No : EGDAR 2/7-30  
 Interval : 370 - 685 ft  
 Holesize : 36.00"  
 Mud Type : Seawater/Bent sweeps  
 Section length drilled : 315 ft  
 Formation Volume Drilled : 226.4BBL

MATERIAL	UNIT SIZE	UNITS USED	UNIT COST	COST	USD/ BBL
BARITE	MT	12	90.00	1080.00	0.56
CAUSTIC	25Kg	1	17.00	17.00	0.01
SODA ASH	25 Kg	3	8.00	24.00	0.01
XCD POLYMER	25 Kg	16	261.00	4176.00	2.17
BENTONITE	MT	27	242.85	6556.95	3.40
INTERVAL MATERIAL COST :				11853.95	USD

**Interval Materials Consumption**

Well No : EGDAR 2/7-30  
 Interval : 685 - 1540 ft  
 Holesize : 26.00"  
 Mud Type : Seawater/Bentonite  
 Section length drilled : 855 ft  
 Formation Volume Drilled : 328.7BBL

MATERIAL	UNIT SIZE	UNITS USED	UNIT COST	COST	USD/ BBL
BARITE	MT	68	90.00	6120.00	2.09
BENTONITE	25 Kg	418	8.00	3344.00	1.14
SODA ASH	25 Kg	2	8.00	16.00	0.01
XCD POLYMER	25 Kg	15	261.00	3915.00	1.33
BENTONITE	MT	6	242.85	1457.10	0.50
INTERVAL MATERIAL COST :				14852.10	USD

**PPCoN MAERSK GUARDIAN  
WELL EGDAR 2/7-30**

**Interval Materials Consumption**

Well No : EGDAR 2/7-30  
 Interval : 1540 - 5034 ft  
 Holesize : 17.50"  
 Mud Type : KCl/Pac/Glycol  
 Section length drilled : 3494 ft  
 Formation Volume Drilled : 1039.1BBL

MATERIAL	UNIT SIZE	UNITS USED	UNIT COST	COST	USD/BBL
BARITE	MT	248	90.00	22320.00	5.09
KCL BRINE	Bbl	3277	10.66	34932.82	7.97
DRISPAC+ SL	50 Lb	376	94.00	35344.00	8.06
DRISPAC+REG	50 Lb	63	94.00	5922.00	1.35
GLYCOL	Bbl	157	242.00	37994.00	8.67
XCD POLYMER	25 Kg	5	261.00	1305.00	0.30
SOD BICARB	25 Kg	40	10.00	400.00	0.09
KCl	25 kg	560	5.50	3080.00	0.70
INTERVAL MATERIAL COST :				141297.82	USD

**Interval Materials Consumption**

Well No : EGDAR 2/7-30  
 Interval : 5034 - 10302 ft  
 Holesize : 12.25"  
 Mud Type : KCL/Pac/Glycol  
 Section length drilled : 5268 ft  
 Formation Volume Drilled : 767.8BBL

MATERIAL	UNIT SIZE	UNITS USED	UNIT COST	COST	USD/BBL
BARITE	MT	809	90.00	72810.00	13.79
CAUSTIC	25Kg	4	17.00	68.00	0.01
KCL BRINE	Bbl	2473	10.66	26362.18	4.99
DRISPAC+ SL	50 Lb	247	94.00	23218.00	4.40
DRISPAC+REG	50 Lb	20	94.00	1880.00	0.36
GLYCOL	Bbl	241	242.00	58322.00	11.05
SOD BICARB	25 Kg	36	10.00	360.00	0.07
KCl	25 kg	920	5.50	5060.00	0.96
CITRIC ACID	25 Kg	23	42.17	969.91	0.18
BRONNSAPE	200 Lt	1	550.00	550.00	0.10
INTERVAL MATERIAL COST :				189600.09	USD

**PPCoN MAERSK GUARDIAN  
WELL EGDAR 2/7-30**

**Interval Materials Consumption**

Interval : 10302 - 11410 ft  
 Holesize : 8.50"  
 Mud Type : KCL/Pac/Glycol  
 Section length drilled : 1108 ft  
 Formation Volume Drilled : 77.2BBL

MATERIAL	UNIT SIZE	UNITS USED	UNIT COST	COST	USD/ BBL
BARITE	MT	20	90.00	1800.00	4.37
KCL BRINE	Bbl	220	10.66	2345.20	5.69
DRISPAC+ SL	50 Lb	70	94.00	6580.00	15.97
DRISPAC+REG	50 Lb	23	94.00	2162.00	5.25
GLYCOL	Bbl	20	242.00	4840.00	11.75
XCD POLYMER	25 Kg	12	261.00	3132.00	7.60
SOD BICARB	25 Kg	30	10.00	300.00	0.73
KCl	25 kg	264	5.50	1452.00	3.53
CITRIC ACID	25 Kg	100	42.17	4217.00	10.24
DRILLTHIN	25 Lb	10	242.85	2428.50	5.90
INTERVAL MATERIAL COST :				29256.70	USD