

**YOUR LOGO  
HERE**

**Cement Recommendation**  
Plug

**Prepared by:**  
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**Prepared for:**  
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432-250-2501

**ABC Production**  
**ShowMeMoney 99**

Pecos County, TX  
2/12/2019

**Sales Representative:**

**District Manager:**  
Phil Johnson  
432-123-4567

**Service Point**  
Odessa, TX  
Office: 432-210-1234  
Fax: 432-210-5678



**Plug**

Job Data			
<b>MD / TVD</b>	12,000.0		
<b>Mud Weight / Type</b>	11 ppg, WBM	<b>Previous Casing</b>	9.625 in. 29.3# ( Surface to 7,000 ft )
		<b>Open Hole</b>	8.5 in. ( 7,000 to 12,000ft )

Overview												
Plug Nr	Density (ppg)	Yield (cf/Sx)	Water, gps	Depth From (ft)	Depth To (ft)	OH Exs%	Csg Exs%	Temp (°F)	Vol (bbl)	Vol Sx		
Plug 1	14.00	1.18	5.1	9,600	10,600			150	73.6	350.0		
Plug 2	14.00	1.18	5.14	9300	9,500			140	94.6	100.0		
Plug 3	14.00	1.18	5.14	6500	7,500			130	78.8	375.0		
Plug 4	14.00	1.17	5.14	3000	5,000			120	166.7	800.0		
Plug 5	14.00	1.52	7.84	2000	2,500			110	46.0	170.0		

Plug 1					
50:50 (POZ:Class H) + 2% Bentonite + 0.3% CR-1					
<b>Plug Depth</b>	10,600 ft	<b>Slurry Density</b>	14 ppg	<b>Temp (F)</b>	150 °F
<b>Plug length</b>	1,000 ft	<b>Yield</b>	1.18 cf/Sx		
<b>Volume</b>	350 Sx	<b>Water</b>	5.14 gps		

Plug 2					
50:50 (POZ:Class H) + 2% Bentonite + 0.3% CR-1					
<b>Plug Depth</b>	9,500 ft	<b>Slurry Density</b>	14 ppg	<b>Temp (F)</b>	140 °F
<b>Plug length</b>	200 ft	<b>Yield</b>	1.18 cf/Sx		
<b>Volume</b>	100 Sx	<b>Water</b>	5.14 gps		

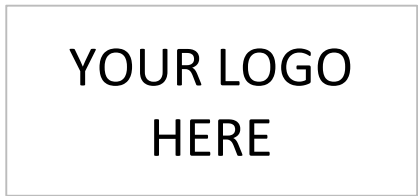
Plug 3					
50:50 (POZ:Class H) + 2% Bentonite + 0.2% CR-1					
<b>Plug Depth</b>	7,500 ft	<b>Slurry Density</b>	14 ppg	<b>Temp (F)</b>	130 °F
<b>Plug length</b>	1,000 ft	<b>Yield</b>	1.18 cf/Sx		
<b>Volume</b>	375 Sx	<b>Water</b>	5.14 gps		

Plug 4					
50:50 (POZ:Class H) + 2% Bentonite + 0.1% CR-1					
<b>Plug Depth</b>	5,000 ft	<b>Slurry Density</b>	14 ppg	<b>Temp (F)</b>	120 °F
<b>Plug length</b>	2,000 ft	<b>Yield</b>	1.17 cf/Sx		
<b>Volume</b>	800 Sx	<b>Water</b>	5.14 gps		

**Plug 5**

Class C

<b>Plug Depth</b>	2,500 ft	<b>Slurry Density</b>	14 ppg	<b>Temp (F)</b>	110 °F
<b>Plug length</b>	500 ft	<b>Yield</b>	1.52 cf/Sx		
<b>Volume</b>	170 Sx	<b>Water</b>	7.84 gps		



Plug

ODESSA, TX						
	Quantity	Unit	Unit Price	Discount	Amount	After Discount
<b>Depth Charge</b>						
Casing 15000 or Deeper Price Quote	1	Ea	\$13,000.00	0.0%	\$13,000.00	\$13,000.00
Casing Additional hours, per Pump	4	Ea	\$900.00	0.0%	\$3,600.00	\$3,600.00
Casing Additional hours, per bulk unit	8	Ea	\$600.00	0.0%	\$4,800.00	\$4,800.00
<b>Mileage Charge</b>						
Equipment Mileage	60	Mile	\$11.00	0.0%	\$660.00	\$660.00
<b>Cement Delivery Charge</b>						
Cement Delivery/Return Charge	4,164	T/M	\$2.80	0.0%	\$11,660.25	\$11,660.25
Field Silo	2	Ea	\$2,750.00	0.0%	\$5,500.00	\$5,500.00
Air Supply Trailer	1	Job	\$11,500.00	0.0%	\$11,500.00	\$11,500.00
<b>Bulk Plant</b>						
Bulk Material Mixing Service Charge	1,725	Cuft	\$2.35	0.0%	\$4,054.62	\$4,054.62
<b>Casing Equipment</b>						
Top Plugs Rubber	1	Ea	\$800.00	0.0%	\$800.00	\$800.00
<b>Cementing Materials</b>						
Class C Cement	170	Sks	\$29.00	0.0%	\$4,930.00	\$4,930.00
Class H Cement	813	Sks	\$27.00	0.0%	\$21,937.50	\$21,937.50
POZ (F)	692	Sks	\$23.00	0.0%	\$15,909.63	\$15,909.63
Bentonite	2,551	Lbs	\$1.10	0.0%	\$2,806.38	\$2,806.38
CFL-3	100	Lbs	\$27.90	25.0%	\$2,790.00	\$2,790.00
CR-1	228	Lbs	\$19.20	0.0%	\$4,370.88	\$4,370.88
<b>Laboratory Testing Charges</b>						
Lab Testing	2	Test	\$2,250.00	0.0%	\$4,500.00	\$4,500.00

	<b>Price Book Total</b>	<b>\$112,819.25</b>
0%	<b>Discount</b>	<b>\$0.00</b>
	<b>Price</b>	<b>\$112,819.25</b>

## Oil Service Company

Sales Order#: 123456A

Date: 43508

Customer : ABC Production

Well name: ShowMeMoney 99

Job Type Plug

Paul Aahlin

Office: 432-210-1234

Fax: 432-210-5678

Mobile:

YOUR LOGO HERE

### Product Description

**Class C** Is an API cement intended for surface to a depth of 6000 ft. Class C is sulfate resistant and yields early compressive strengths.

**Class H** Is an API cement intended for use from surface to 8000 feet without any modifications. When used with accelerators or retarders class H can be used for different depths or temperatures.

**CaCl<sub>2</sub> - (Calcium Chloride)** Is an accelerating additive used for slurries that require fast set times and early strength development, or can be used as an accelerator for Sodium Silicate applications

**Gel** Bentonite, is a clay material used as an extender in both lower density and pozzolan slurries. It controls excessive free water.