

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
OCT 18 2012

FORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1 Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Injector		5 Lease Serial No LC- 032715
2 Name of Operator Resaca Operating Company		6 If Indian, Allottee or Tribe Name
3a. Address 1331 Lamar Street, Suite 1450 Houston, TX 77010	3b Phone No (include area code) (432) 580-8500	7 If Unit of CA/Agreement, Name and/or No Cooper Jal Unit- NM 70926X
4 Location of Well (Footage, Sec, T, R, M., or Survey Description) 1980' FSL & 1916' FWL, Sec 19, T-24S, R-37E, Unit Letter K		8 Well Name and No Cooper Jal Unit #133
		9 API Well No. 30-025-11161
		10 Field and Pool or Exploratory Area Jalmat; T-Y-7R/ Langlie Mattix, 7R-Q-G
		11 Country or Parish, State Lea County, NM

12 CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Run & Cement
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	3 1/2" Liner, Run MIT
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation. Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Objective: This well injects into Jalmat & Langlie Mattix. Our intention is to run & cement 3 1/2" Liner, Perform MIT.

- 1) MIRU PU & Above Steel Pit.
- 2) Set Composite Plug @ 50' above top perf, approximately 2932' (Top Perf @ 2982'); test plug
- 3) RIH w/ 3 1/2" x 9.20# API J-55 R-2 SMAX T&C (Regular OD- 4.250") to approximately 2930'
- 4) Pump 250 sacks Class C + 0.4# C-35 + 0.25% R-38, circulate cement to surface.
- 5) RIH w/ Bit & drill float collar, float shoe & composite plug, tag. Notify BLM/OCD of pending MIT.
- 6) RIH w/ Packer on 2 3/8" IPC, ND BOP, circulate packer fluid. Set Packer within 100' of top perf (Top Perf @ 2982').
- 7) Run MIT, pressure test to approximately 520 psig on chart recorder for 30 minutes; pull chart for BLM.
- 8) RDMO Pulling Unit, clean location, clean & dispose of pit fluids.

reject, liner OD  
RRT 06/13/2012

14 I hereby certify that the foregoing is true and correct Name (Printed/Typed) Melanie Reyes	Title Engineer Assistant
Signature	Date 06/06/2012

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. <i>MSP/ad 6/20/2012</i>	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

OCT 18 2012



Quote No eu993



## Cement Recommendation

3 1/2" Liner inside 5 1/2" Casing @ 2930' TD

**Prepared by:**

Ethan Uranga

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**Prepared for:**

Domingo Carrizales

domingo.carrizales@resacaexploration.com

432 697 1061

## Resaca Operating Co. Cooper Jal Unit #133 WIW

Lea County, NM

6/5/2012

**Sales Representative:**

Frank Stapp

(432) 425-0429

**District Manager:**

Ken Snow

(575) 391-0091

### Service Point

Hobbs, NM

Office: (575) 391-0091

Fax (575) 391-0094

**Disclaimer Notice**

This information is presented in good faith, but no warranty is given by and Rising Star Services assumes no liability for advice or recommendations made concerning results to be obtained from the use of any product or service. The results given are estimates based on calculations produced by a computer model including various assumptions on the well, reservoir and treatment. The results depend on input data provided by the Operator and estimates as to unknown data and can be no more accurate than the model, the assumptions and such input data. The information presented is RSS' best estimate of the actual results that may be achieved and should be used for comparison purposes rather than absolute values. The quality of input data, and hence results, may be improved through the use of certain tests and procedures which Rising Star Services can assist in selecting. The Operator has superior knowledge of the well, the reservoir, the field and conditions affecting them. If the Operator is aware of any conditions whereby a neighboring well or wells might be affected by the treatment proposed herein it is the Operator's responsibility to notify the owner or owners of the well or wells accordingly. Prices quoted are estimates only and are good for 30 days from the date of issue. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Freedom from infringement of patents of Rising Star Services or others is not to be inferred.

<b>RISEING STAR SERVICES</b>	<b>HOBBS, NM</b>
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eu993

June 5, 2012

Resaca Operating Co.

Cooper Jal Unit #133 WIW

Job Type: 3 1/2" Liner inside 5 1/2" Casing @ 2930' TD

Office: (575) 391-0091

Fax: (575) 391-0094

Cell: 817 832 7206

*Sacks*                      *Cement and Additives*  
 Single 250 sks              CLASS C + 0.4% C-35 + 0.25% R-38

50% Excess

*Single*  
 Density:                      14.80 #/gal  
 Yield:                        1.33 cu.ft/sk  
 Mixing Water:              6.31 gal/sk  
 Total Water to Mix:        37.59 Bbls  
 Slurry Volume:              59.23 Bbls

Total Sacks:    250                      Total Ft\*    332.56                      Total H2O:    37.59

<i>Directions</i>					
<b>Equipment Needed</b>			<b>Additional Materials and Notes</b>		
valve and swedge needed					
<b>Well Information</b>					
Hole Size		Total Depth		Hole @	
Casing Size		Casing Depth		Perfs @	
Liner Size		Tubing Depth		Packer @	
Liner Top		Tubing Size		Retainer @	
Mud Weight:					
<b>Special Job Instructions</b>					
<i>take sugar to location</i>					

**RISING STAR SERVICES**

HOBBS, NM

eu993

June 5, 2012  
Resaca Operating Co.  
Cooper Jal Unit #133 WIW  
Job Type 3 1/2" Liner inside 5 1/2" Casing @ 2930'  
TD

Office: (575) 391-0091  
Fax: (575) 391-0094  
Mobile: 817 832 7206

	Quantity	Unit	Unit Price	Amount	After Discount
<b>Depth Charge</b>					
2501 - 3000', 4 hr minimum	1	Ea	\$2,620.00	\$2,620.00	\$2,096.00
<b>Job Monitoring</b>					
Data Acquisition	1	Job	\$1,050.00	\$1,050.00	\$840.00
<b>Mileage Charge</b>					
Equipment Mileage	50	Mile	\$7.10	\$355.00	\$284.00
Pick-up Mileage Charge	50	Mile	\$5.60	\$280.00	\$224.00
<b>Cement Delivery Charge</b>					
Cement Delivery, Minimum	1	Ea	\$1,680.00	\$1,680.00	\$1,344.00
<b>Cement Blending</b>					
Cement Blending	261	Cuft	\$3.00	\$781.94	\$625.55
<b>Cementing Head</b>					
Swedge Charge	1	Job	\$475.00	\$475.00	\$380.00
<b>Miscellaneous Services</b>					
Enviornmental Charge	1	Job	\$150.00	\$150.00	\$120.00
<b>Cementing Materials</b>					
Class "C"	250	Sks	\$26.00	\$6,500.00	\$5,200.00
Defoamer	1	Gal	\$47.25	\$47.25	\$37.80
R-38	59	Lbs	\$10.30	\$605.13	\$484.10
Sugar	3	Sks	\$157.50	\$472.50	\$378.00
C-35	94	Lbs	\$15.75	\$1,480.50	\$1,184.40

	<b>Price Book Total</b>	<b>\$16,497.31</b>
20%	<b>Discount</b>	<b>\$3,299.46</b>
	<b>After Disc</b>	<b>\$13,197.85</b>

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HOBBS, NM

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6/5/2012

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Cooper Jal Unit #133 WIW

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**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. Typically mixed from 14.8 ppg.

**Defoamer** A Clear liquid used to minimizes foaming tendencies and air entrapment in cement slurries during mixing process.

**R38** Is a powdered defoamer for all types of oil well cement. Typical loadings are 0.25% to 0.5% BWOC.

**Sugar** Used to prevent the hydration of cement around BOP or in transports. It is also used as a cement retarder.

**C-35** Is a versatile dispersant/friction reducer for all oilwell cements. It is effective at salt concentrations from zero to saturation and at temperatures from 100 F to 400 F.