

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTHOBBS OCD  
OCD-HOBBS  
MAY 15 2012FORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**5. Lease Serial No.  
NM 12612

6. If Indian, Allottee or Tribe Name

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Resaca Operating Company

3a. Address

1331 Lamar Street, Suite 1450 Houston, TX 77010

3b. Phone No. (include area code)

(432) 580-8500

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

334' FNL &amp; 984' FWL, Sec 19, T-24S, R-37E, Unit Letter D

7. If Unit of CA/Agreement, Name and/or No  
Cooper Jal Unit- NM 070926X8. Well Name and No.  
Cooper Jal Unit #1239. API Well No.  
30-025-1115010. Field and Pool or Exploratory Area  
Jalmat/ Langlie Mattix11. 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 type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input checked="" 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 Re-Entry into Jalmat & Langlie Mattix Pools
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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: Re-Enter P&A'd Well, Drilled & Cleaned out to Jalmat & Langlie Mattix Pools.; Shot Perforations in Yates; Acidized & Fractured Yates, 7Rivers & Queen.

1/11/2012- Spudded well at 11 a.m.; 1/11/12-1/13/12- RIH w/ 4 3/4" Bit from 6' to 370', tagged @ 1020'; Tested casing to 500 psi, okay.

1/14/12-1/16/12- Drilled cement from 1020' to 1420', tagged @ 2690'; tested casing to 500 psi, okay

1/17/12-1/18/12- Drilled cement from 2690' to 2924', tagged CIBP; RIH w/ new 4 3/4" Bit; Drilled on CIBP for 2 hrs,

1/19/12- Pushed CIBP to top perf (2996'); Drilled CIBP & cleaned to 3446'; recovered iron sulfide & metal shavings.

1/21/12- 1/24/12- Milled from 3320' to 3321', fell through; Drilled on fish @ 3604'; milled 10', recovered metal shavings, rubber & formation.

1/25/12-1/28/12- Tagged @ 3480', broke through and forced to 3603'; Attempted to recover fish, failed

1/29/12-1/31/12- Drilled on fish, pushed fish down to 3636'; Drilled to new TD 3760'.

2/1/12- Perforated Yates f/ 3002'-3216', 2 JHPF, 122', 242 holes.

2/4/12- Acidized & Fractured 7Rivers & Queen down 4 1/2" work string; Spearheaded w/ 3000 gals. 15% NEFE Acid, Frac'd w/ 12,000 gals XL fluid & 75,000# 16/30 mesh sand (50% coated). 2/4/12

2/4/12- Acidized & Fractured Yates down 4 1/2" work string; spearheaded w/ 2500 gals 15% NEFE Acid, Frac'd w/ 20,000 gals XL Gel & 175,000# 16/30 mesh sand.

2/6/12-2/12/12- Cleaned out frac sand and laid down work string; cleaned out frac sand down to 3760'.

2/14/12- RDMO PU, cleaned location, cleaned & disposed of pit fluids. Put well on production.

**Operator to submit documented casing (MIT) pressure test on a calibrated chart**

Signature \_\_\_\_\_ Title Engineer Assistant

Date 03/30/2012

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

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Office \_\_\_\_\_

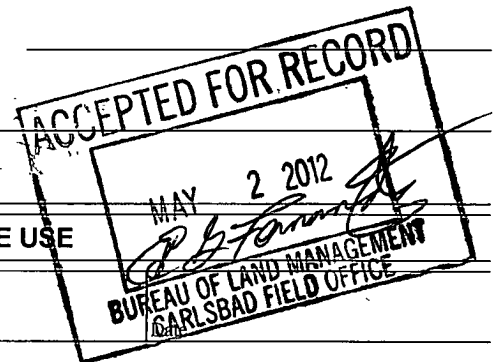
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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)

WFX - 888

MAY 21 2012



## WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC		LEASE NAME <b>Cooper Jal Unit</b>		WELL NO <b>123</b>	
		STATUS <b>P&amp;A'd (2-5-01) OIL</b>		API# <b>30-025-11150</b>	
<b>Surface Csg</b> Hole Size 12 1/4 in Csg Size 9 5/8 in Set @ 290 ft Sxs Cmt 150 Circ Yes TOC @ surf TOC by circ		<b>LOCATION</b> 330 FNL & 990 FWL, Sec 19, T - 24S, R - 37E, Lee County, New Mexico <b>SPUD DATE</b> TD 3760 KB 3,310' DF <b>INT COMP DATE</b> 05/02/52 PBTB 3760 GL 3,302'			
		<b>ELECTRIC LOGS</b>		<b>GEOLOGICAL DATA</b>	
		Dual Spaced GR-N (4-4-89 Halliburton)		<b>HYDROCARBON BEARING ZONE DEPTH TOPS</b>	
		Yates @ 2995' 7-Rivers @ 3215' Queen @ 3565'			
		<b>CASING PROFILE</b>			
		SURF 9 5/8" - 36#, J-55 set @ 290' Cmt'd w/150 sxs - circ cmt to surf			
		PROD 5 1/2" - 17#, J-55 set @ 3363' Cmt'd w/250 sxs - TOC @ 2460' from surf DV tool @ 1357' - pmp 100 sxs -			
		LINER None 5 1/2" - TOC @ 995' f/ surf by calc			
		<b>CURRENT PERFORATION DATA</b>			
		CSG PERFS		OPEN HOLE	
		15-Apr-89 2996 - 3217' w/ 2sfp (90 holes total)		3341 - 3760'	
		01-Feb-12 Perf'd Yates f/ 3002'-08', 3014'-30', 3033'-46', 3048'-54', 3058'-68', 3077'-92', 3096'-99', 3102'-3104', 3109'-20', 3123'-26', 3130'-34', 3139'-50', 3158'-60', 3168'-70' 3183'-87', 3192'-95', 3198'-3201', & 3208'-3216', 2 jhpf, 122 ft, 242 holes			
		<b>TUBING DETAIL</b>		<b>ROD DETAIL</b>	
		2/14/2012		2/14/2012	
		2730 91 2 7/8" 8rd J-55 Tbg	20 1 1 1/2" x 26' Spray Polished rod		
		3 1 2 7/8" x 5 1/2" TAC	8 1 8" - 1" Tenarus Pony Rod		
		620 20 2 7/8" 8rd J-55 Tbg	2700 108 1" Tenarus steel rod		
		24 1 2 7/8" x 24' WB	900 36 1 1/2" KD 7/8" Pin K-bars		
		4 1 2 7/8" Lift Sub	4 1 2 1/4" Plunger		
		20 1 D-Sander	0 1 2 1/2" Standing Valve		
		60 2 2 7/8" 8rd J-55 MA	3632		
		1 1 2 7/8" Bull Plug MA			
		3462			
		Rod and Tbg detail do not agree!			
		<b>WELL HISTORY SUMMARY</b>			
		2-May-52 IC interval 3363 - 3650' (7 RVRS/QUEEN - OH) IP = 70 bopd, 0 bwpd & 82 Mcfgpd: FTP=480 psi.			
		4-Mar-56 Frac'd OH with 20,000 gals lse oil & 20,000#s sand			
		28-Feb-58 C/O fill from 3510 - 40'			
		23-Jan-60 C/O fill from 3506 - 3600'			
		6-Feb-76 Acidize w/ 400 gals acid			
		21-Mar-89 C/O & acidized with 400 gals			
		15-Apr-89 Perf'd (Jalmat) 2996'-3217' Acid w/ 5,000 gals, Frac 40,000 gals/80,000#s 12/20 sand (max 6 ppg) in 2 stages w/ 62 BS between stages in 2 stages with 62 ballsealers between stages			
		25-Aug-92 Replaced tbg, Installed new rod string			
		7-Oct-93 Replaced 12 jts of bad tbg Replaced rod pump Placed on production			
		21-Apr-94 Replaced 25 jts of bad tbg Replaced rod pump Placed on production			
		21-Jan-97 Replaced 6 jts of bad tbg Replaced 20 rods & rod pump Placed on production			
		17-Nov-98 POOH w/ production equipment Set CIBP @ 2924' & dmp 35' cmt on top of CIBP TOC @ 2889'			
		02-Feb-01 Tag TOC @ 2889' & spt 25 sxs cmt f/ 2889'-2700' WOC Tag TOC @ 2689' Spt 35 sxs cmt f/ 1400'-1100' WOC Tag TOC @ 1020' Spt 40 sxs cmt from 350' - surface Installed Dry hole marker & cleaned location			
		<b>NMOCD notified - well P&amp;A'd 2-5-2001</b>			
		11-Jan-12 Spudded on P&A well Drilled cement with 4 3/4" bit from 6' to 370' - fell thru Tagged at 1,020' - test casing to 500 psig - okay Drilled cement from 1,020' to 1,420' - fell thru Tagged at 2,690', test casing to 500 psig - okay Drilled cement from 2,690' to 2,924', tagged CIBP RIH with new 4 3/4" bit Drilled on CIBP for 2 hrs , pushed CIBP to top perf Drilled CIBP & cleaned to 3,446', recovered iron sulfide & metal shavings, milled from 3320' to 3321', fell thru POOH with bit - missing 1 tooth Drilling on fish at 3,604' Well drank 350 bbls 2% KCl and 200 bbls the next day Milled 10", recovered metal shavings, rubber and formation Tagged at 3,480', broke thru & force to 3,603 Attempt twice to recover fish with overshot failed Drilling on fish - making a foot per day Push fish dn to 3,636' Recovered Mud Anchor inside shoe Drilled to 3,760'. Perf'd Yates f/ 3002'-08', 3014'-30', 3033'-46', 3048'-54', 3058'-68', 3077'-92', 3096'-99', 3102'-3104', 3109'-20', 3123'-26', 3130'-34', 3139'-50', 3148'-60', 3168'-70', 3183'-87', 3192'-95', 3198'-3201', & 3208'-3216', 2 jhpf, 122 ft, 242 holes Acidized & Frac'd 7-Rivers/Queen Spear head with 3,000 gals 15% NEFE acid down 4 1/2" work string Frac'd with 12,000 gals XL fluid and 75,000# 16/30 mesh sand, 50% coated AIR= 45 bpm Pmax= 2242# ISIP= 1006# Acid & Frac Yates down 4 1/2" work string Spear head with 2,500 gals 15% NEFE HCl acid 20,000 gal XL gel + 175,000# 16/30 mesh AIR= 45 bpm Pmax= 2126# ISIP= 1110# Cleaned out frac sand and laid work string Cleaned out frac sand down to 3,760' PWOP			
<b>2 JHPF</b> 3002'-3008'  3014'-3030'  3033'-3046'  3048'-3054'  3058'-3068'  3077'-3092'  3096'-3099'  3102'-3104'  3109'-3120'  3123'-3126'  3130'-3134'  3139'-3150'  3158'-3160'  3168'-3170' 3183'-3187' 3192'-3195' 3198'-3201'  3208'-3216'		CIBP @ 2924' Y @ 2995' 2 JHPF 2996', 98', 3001'  3007', 10', 12'  3014', 16', 18'  3019', 24', 27'  3033', 41', 42'  3044', 47', 52'  3054', 56', 57'  3082', 84', 87'  3091', 3102', 09'  3112', 15', 17'  3128', 34', 41'  3143', 45', 57'  3162', 63', 93'  3197', 3200', 05'  3209', 13'  3217' 7-Rivers @ 3215'			
		<b>OH Interval</b> 3341 - 3760'			
		Queen @ 3565'			
<b>Production Csg</b> Hole Size 8 3/4 in Csg Size 5 1/2 in Set @ 3341 ft Sxs Cmt 350 Circ No TOC @ 995 f/ surf TOC by calc  PBTB 3760 ft TD 3760 ft		OH IC 4 3/4 in			
		PREPARED BY Larry S Adams Domingo Camzales UPDATED 05-Apr-12			

