

Submit To: Appropriate District Office  
Two Copies  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-105  
July 17, 2008

**HOBBS OGD**  
**MAY 16 2011**  
**RECEIVED**

**WELL COMPLETION REPORT AND LOG**

4. Reason for filing:  
☒ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)  
☐ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

7. Type of Completion:  
☐ NEW WELL ☒ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator  
Resaca Operating Company

10. Address of Operator  
2509 Maurice Road, Odessa, TX 79763

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	J	24	24S	36E		1980	South	1980	East	Lea
BH:										

13. Date Spudded  
14. Date T.D. Reached  
15. Date Rig Released  
4/15/11  
16. Date Completed (Ready to Produce)  
4/15/11  
17. Elevations (DF and RKB, RT, GR, etc.) GL 3318'

18. Total Measured Depth of Well  
3560'  
19. Plug Back Measured Depth  
3560'  
20. Was Directional Survey Made?  
No  
21. Type Electric and Other Logs Run

22. Producing Interval(s), of this completion - Top, Bottom, Name  
Jalmat; (Yates) 3000'-3220', (7 Rivers) 3271'-3291'; Langlie Mattix (7Rivers) 3359'-3486'

1. WELL API NO.  
30-025-09625

2. Type of Lease  
☐ STATE ☒ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No. 306443

5. Lease Name or Unit Agreement Name  
Cooper Jal Unit

6. Well Number:  
245

9. OGRID  
263848

11. Pool name or Wildcat  
Jalmat; Tansill-Yates-7Rivers/ Langlie Mattix; 7Rivers-Queen-Grayburg

**23. CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"		265'	10 3/4"	Cmt'd w/ 125 sx	Circ'd to surface
5 1/2"	14#	2993'	7 7/8"	Cmt'd w/ 200 sx	TOC @ 1850' f/ surf.
			DV Tool @ 1191'	Pumped 150 sx	5 1/2" TOC @ 334' f/ surf. calc'd
4 1/2"	16#	2871'-3560'	4 3/4"	Cmt'd w/ 100 sx	Sqz'd w/ 100 sx cmt around liner @ 1500 psi

**24. LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

**25. TUBING RECORD**

SIZE	DEPTH SET	PACKER SET
2 3/8" J-55	3550'	

26. Perforation record (interval, size, and number)  
Yates- 3000'-3009', 3019'-3032', 3037'-3043', 3061'-3069', 3077'-3092', 3136'-3154', 3162'-3168', 7Rivers- 3271'-3273', 3340'-3344', 2 JHPF.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL  
Perfs 3000'-3486'  
AMOUNT AND KIND MATERIAL USED  
Frac'd w/ 154,000#'s 16/30 brady brown sand  
Plus 921.8 MSCF Nitrogen

**28. PRODUCTION**

Date First Production 4/16/11	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping, 2" x 1 1/4" x 16' Working Barrel	Well Status (Prod. or Shut-in) Prod.
Date of Test 4/17/11	Hours Tested 24	Choke Size
Prod'n For Test Period	Oil - Bbl 21	Gas - MCF 5
Water - Bbl 100	Gas - Oil Ratio	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate
Oil - Bbl	Gas - MCF	Water - Bbl
Oil Gravity - API - (Corr.) 37.7		

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Sold

30. Test Witnessed By

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude Longitude NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Printed Name Melanie Reyes Title Engineer Assistant Date 5/11/11

E-mail Address Melanie.Reyes@resacaexploitation.com

MAY 17 2011  
**PETROLEUM ENGINEER**

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates      3002'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers    3228'	T. Devonian	T. Cliff House	T. Leadville
T. Queen      3600'	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Oztze
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

## OIL OR GAS SANDS OR ZONES

No. 1, from.....3000'.....to.....3220'.....  
No. 2, from.....3271'.....to.....3291'.....

No. 3, from.....3359'.....to.....3486'.....  
No. 4, from.....to.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology