

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
MAY 20 2012FORM APPROVED
OMB No 1004-0137
Expires July 31, 2010SUNDRY 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.**5. Lease Serial No
NM 89055

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit of CA/Agreement, Name and/or No

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No
BTBN '25' Federal 2

2. Name of Operator

Resaca Operating Company

9. API Well No
30-015-29551

3a. Address

1331 Lamar St., Suite 1450

Houston, TX 77010

3b. Phone No. (include area code)

(432) 580-8500

10. Field and Pool or Exploratory Area
Brushy Canyon

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

2300' FNL & 330' FEL, Sec 25, T-24S, R-31E

11. Country or Parish, State
Eddy 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 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 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 Drilled out CIBP's
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	@ 7405' & 8150' to
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	open perforations below

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 producer was producing out of the Upper Brushy Canyon. We drilled out cement & CIBP @ 7405' to open up perms 7457'-7856', drilled out cement & CIBP @ 8150' to open up perms 8208'-8328' in the Lower Brushy Canyon.

3/19/12- MIRU Pulling Unit, Reverse Unit & Closed Loop System. POOH w/ rods & pump.

3/20/12- NDWH, NU BOP, POOH w/ tubing. Tested BOP. PU 4 3/4" Workover Bit, 6- 3 1/2" Drill Collars.

3/21/12- Mechanic repaired rig.

3/22/12- Finished repair on rig. RIH & tagged @ 7229'. RU Swivel.

3/23/12- MIRU Air Unit. Tagged top of fish, made 1'.

3/24/12- Rig broke down.

3/26/12- Continued rig repair, POOH w/ recovered perf sub & OEMA. LD Fishing Tools. PU Bit & RIH above perms.

3/27/12- RIH, tagged up @ 7266', RU Swivel. Started drilling CIBP @ 7405', pushed plug down to next CIBP @ 8150'. Circulate well clean & pull above perms.

3/28/12- RIH, tagged up @ 8146', RU Swivel. Started drilling plug, broke through, drilled out plug & chased to 8471'. circulated clean & pulled above perms.

3/29/12- POOH, LD drill collars & bit; PU production equipment; RU tubing test, tested in hole to 7000 psi. NDBOP, NUWH. unable to set TAC.

3/30/12- NDWH, NU BOP, started POOH, rig broke down.

4/3/12- Installed new TAC & continued RIH.

4/4/12- NDBOP, NUWH, set TAC. PU Plunger & RIH w/ rods; respaced well & hung on. RDMO, cleaned location. PWOP.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)
Melanie Reyes

Title Engineer Assistant

Signature

Date 04/18/2012

Accepted for record
NMOC

ACCEPTED FOR RECORD

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.

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD 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)

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		LEASE NAME			WELL NO.	
		BTBN "25" Federal			2	
		TYPE COMPLETION			API#	
		LOCATION			30-015-29551	
		TD 10,000'			2300' FNL & 330' FEL, Sec 25, T-24-S, R-31-E, Eddy County, New Mexico	
		COD			DF	
		PBD 7,370'			KB	
		DOD 9,715'			GL 3,524'	
		AVAILABLE LOGS			GR-DLL-MSFL-SONIC	
		GR-DSN-SDL-SGR-CAL			Sidewall Rotary Cores Available	
		ZONE TO BE WORKED ON			CURRENT COMPLETION ZONE	
		CSG PERFS			OPEN HOLE	
		See diagram for details			None	
		CURRENT TEST (SHOW DATE)				
		GAS			OIL	
		GAS			OIL	
		WTR			WTR	
		WTR			WTR	
		Casing Breakdown				
		SURF. 14 3/4" Hole			SIZE 11 3/4"	
		42#			DEPTH 965'	
		CMT 600 sx				
		INTER. 11" Hole			SIZE 8 5/8"	
		32# J55			DEPTH 4,500'	
		CMT 1050 sx				
		PROD. 7 7/8" hole			SIZE 5 1/2"	
		17# L80			DEPTH 10,000'	
		CMT 2050 sx				
		TUBING BREAKDOWN 4/15/2012			ROD BREAKDOWN 4/16/2012	
		1320 42 2 7/8" L-80 EUE tubing			18 1 1 1/2"x26' PR Spray Metal w/1" pin	
		5750 182 2 7/8" J-55 EUE tubing			0 1 1 1/2"x 1 3/4" x 14' Liner	
		3 1 2 7/8"x 5 1/2" TAC			12 3 2', 4', 6' - 1" grade EL pony rods	
		1364 44 2 7/8" J-55 tubing			2650 106 1" grade EL sucker rods	
		31 1 2 7/8" x 3 1/2" Blast Jt J-55 tubing			3050 122 7/8" grade EL sucker rods	
		4 1 2 7/8" TBG Sub			2525 101 3/4" grade EL sucker rods	
		24 1 2 7/8" working barrel			200 8 1 1/4" sinker bars	
		4 1 2 7/8" perf sub			26 1 2 1/4" x 3' plunger	
		31 1 2 7/8"x 3 1/2" slotted MA w/drain valve			0 1 1 1/4" x 10' gas anchor	
		8531			8481	
		SUMMARY OF PREVIOUS WORKOVERS				
		01-Jun-97 Drilled 14 3/4" hole to 965' Set 11 3/4" csg at 965' & circ'd cement (600 sx). Drilled 11" hole to 4500' & set 8 5/8" casing at 4500'. Cemented with 1050 sx (circulated). Drilled 7 7/8" hole to 10,000'. Ran open hole logs Set 5 1/2" casing at 10,000' & cemented w/ 2050 sx (did not circulate). Ran temperature survey and found TOC at 3,388'				
		01-Jul-97 Drilled out DV tool. Perf'd selectively f/ 8,208'-8,328'. Acidized w/ 4000 gallons 7.5% HCl. Frac'd w/ 36,000 gals XL gel & 124,000# pr/sic 20/40 sand. Ran production equipment and placed well on sucker rod lift. IPP= 56 bopd, 220 bwpd, 75 mcfd.				
		01-Jan-98 Set CIBP at 8150' & dumped 20' cmt on top Perf'd selectively f/ 7,457' -7,856'. Did not stimulate perfs PWOP				
		01-Feb-98 Set CIBP at 7,405' & dumped 35' cmt on top Ran CBL f/ 7,300'-5,300'. Perf'd f/ 7,174'-7,200'. Acidized w/ 2200 gals 7.5% HCl. Frac'd with 23,700 gallons DSYF and 76,000# pre-cured 20/40 sand. PWOP. IPP = 65 bopd, 329 bwpd, 44 mcfd.				
		27-Oct-04 Removed parted polish rod POOH w/ rods & pump Reset TAC RIH w/ pump & rods Test tubing to 500# - test good Down sized pump from 1 3/4" to 1 1/2" Replaced 53 - 7/8" and 44 - 3/4" boxes due to wear PWOP				
		06-May-05 Replaced top rod PWOP.				
		24-Apr-08 Hot oiled (200 degree F) flow line with 45 bbls oil Pumped 25 bbls oil (200 degree F) down casing Long stroke well POOH with rods and pump, very heavy paraffin from 675' to surface RIH with pump and rods. PWOP.				
		06-May-08 POOH with rods and pump. RIH with pump and rods PWOP				
		22-Apr-10 Long stroke well - good pump action PWOP				
		16-Jul-11 POOH w/ rods & pump Pumped paraffin dispersent Tagged paraffin @ 1000' Worked pump thru paraffin Could not make well to pump. POOH w/ rods, pump & tubing. Hydrotest tubing in hole to 7000 psig RIH w/ pump & rods PWOP.				
		30-Sep-11 Long stroke well - good pump action PWOP				
		04-Nov-11 POOH with rods and pump RIH with pump and rods PWOP				
		19-Mar-12 POOH with production string RIH with 4 3/4" bit on workstring Tagged at 7,229' - recovered perf sub and OEMA Drilled out CIBPs Hydrotest tubing to 7000# RIH with pump and rods PWOP.				
		13-Apr-12 POOH with rods, pump and tubing TAC had element rubber and frac balls in it Standing valve had cups missing and gas anchor missing Hydrotest tubing in hole - found collar on 96th joint Laid down 8 - 1 1/4" K-Bars RIH with plunger & rods PWOP				
		UPPER BRUSHY CANYON				
		7174'				
		7200'				
		7457'-7470'				
		7476'-7486'				
		7602'-7610'				
		7844'-7856'				
		Lower				
		8208'-8234'				
		BRUSHY				
		8266'-8292'				
		CANYON				
		8322'-8328				
		Junk CIBP @ 8,471'				
		10,000' TD				
		PROD. 5 1/2"				
		17# L80				
		2050 sx				
		PREPARED BY			BLAKE BAYLOR	
		Domingo Carrizales			UPDATED	
		04/30/12				