

Office

District I - (575) 393-6161

1625 N. French Dr., Hobbs, NM 88240

District II - (575) 748-1283

811 S First St., Artesia, NM 88210

District III - (505) 334-6178

1000 Rio Brazos Rd., Aztec, NM 87410

District IV - (505) 476-3460

1220 S St Francis Dr., Santa Fe, NM

87505

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Amended Report

Revised August 1, 2011

WELL API NO. /
30-025-11161

5. Indicate Type of Lease

STATE ☐ FEE ☐ FED ☐

6. State Oil & Gas Lease No.

306444

7. Lease Name or Unit Agreement Name
Cooper Jal Unit /

8. Well Number 133 /

9. OGRID Number

263848

10. Pool name or Wildcat

Jalmat; T-Y-7R/ Langlie Mattix 7R-Q-G /

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other Injector /

2. Name of Operator

Resaca Operating Company

3. Address of Operator

1331 Lamar Street, Suite 1450

Houston, TX 77010

4. Well Location

Unit Letter K : 1980 feet from the South line and 1916 feet from the West line /Section 19 Township 24S Range 37E NMPM Lea County /

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3286' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐ CHANGE PLANS ☐PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐ P AND A ☐CASING/CEMENT JOB ☐OTHER: Run & cement 3 1/2" Liner, Perform MIT ☒OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Objective: 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 9.30# API J-55 R-2 Ultra FJ to approximately 2930'.

4) Pump 250 sacks Class C + 0.4% C-35 + 0.25% R-38 (Density: 14.80 #/gal, Yield: 1.33 cubic ft/sack,

Mixing Water: 6.31 gal/sack, Total Water to Mix: 37.59 bbls, Slurry Volume: 59.23 bbls.), 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.

* Amended Line 3 & 4

Spud Condition of Approval: notify

OCD Hobbs office 24 hours

Per Underground Injection Control Program Manual
Rig Release Date: 11.6 CPacker shall be set within or less than 100
feet of the uppermost injection perfs or open hole.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE

Engineer Assistant

DATE

6/13/2012

Type or print name

Melanie Reyes

E-mail address:

melanie.reyes@resacaexploitation.com

PHONE:

(432) 580-8500

For State Use Only

APPROVED BY:

TITLE

Compliance officer

DATE

6/18/2012

Conditions of Approval (if any):

JUN 18 2012

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

JUN 13 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.5. Lease Serial No
LC- 032715

6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1 Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Injector

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

7 If Unit of CA/Agreement, Name and/or No
Cooper Jal Unit- NM 070926X8. Well Name and No
Cooper Jal Unit #1339 API Well No
30-025-11161

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

10. Field and Pool or Exploratory Area
Jalmat; T-Y-7R/ Langlie Mattix; 7R-Q-G11 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	*Amended Report*

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 recompleat 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 recompleat 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.)

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 - 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.
- * Amended Line 3 & 4

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

Melanie Reyes

Title Engineer Assistant

Signature

Date 06/13/2012

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

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)

Mical Ong

1-Jun-05

FLUSHMAX Dimension

Pipe Body					Pin	Box		
Outside Diameter in	Nominal Weight lbs/ft	Wall Thickness in	Inside Diameter in	Drift Diameter in	Thread length in	OD in	Joint Efficiency %	Length in
2 3/8	4.43	0.190	1.995	1.901	1.750	2 3/8	40	1.750
2 7/8	6.16	0.217	2.441	2.347	1.750	2 7/8	42	1.750
3 1/2	8.81	0.254	2.992	2.867	1.750	3 1/2	46	1.750
4 1/2	11.35	0.250	4.000	3.875	2.500	4 1/2	46	2.518
4 1/2	12.24	0.271	3.958	3.833	2.500	4 1/2	50	2.518
4 1/2	13.04	0.290	3.920	3.795	2.500	4 1/2	53	2.518
5	14.87	0.296	4.408	4.283	2.500	5	43	2.526
5	17.93	0.362	4.276	4.151	2.500	5	53	2.526
5 1/2	16.87	0.304	4.892	4.767	2.500	5 1/2	43	2.527

FLUSHMAX Performance Properties

Outside Diameter in	Nominal Weight lbs/ft	Wall Thickness in	J55			N80 / L80		
			Tensile kips	Burst psi	Collapse psi	Tensile kips	Burst psi	Collapse psi
2 3/8	4.43	0.190	28.7	6,160	8,100	41.7	8,960	11,780
2 7/8	6.16	0.217	41.8	5,812	7,680	60.9	8,454	11,170
3 1/2	8.81	0.254	65.5	5,588	7,400	95.3	8,128	10,540
4 1/2	11.35	0.250	84.4	4,278	4,960	122.8	6,222	6,360
4 1/2	12.24	0.271	99.0	4,637	5,730	143.9	6,745	7,500
4 1/2	13.04	0.290	111.8	4,962	5,860	162.5	7,218	8,540
5	14.87	0.296	103.4	4,558	5,560	150.4	6,630	7,250
5	17.93	0.362	153.7	5,575	7,390	223.5	8,109	10,500
5 1/2	16.87	0.304	117.3	4,256	4,910	170.6	6,191	6,290

FLUSHMAX Make-up Torque

Outside Diameter	Nominal Weight	Grade	Torque (ft-lbs)			BJTong Pressure	
			Min.	Max.	Aim	Gear	Pressure
2 3/8	4.43	J55	1,000	1,400	1,200	High	2,000
		N/L80	1,100	1,500	1,300	Low	550
2 7/8	6.16	J55	1,500	2,000	1,750	Low	750
		N/L80	1,700	2,100	1,900	Low	810
3 1/2	8.81	J55	2,000	2,800	2,400	Low	1,000
		N/L80	2,200	3,000	2,600	Low	1,100
4 1/2	11.4	J55	2,400	3,200	2,800	Low	1,210
		N/L80	2,600	3,400	3,000	Low	1,260
4 1/2	12.2	J55	2,500	3,300	2,900	Low	1,250
		N/L80	2,700	3,500	3,100	Low	1,300
4 1/2	13.0	J55	2,600	3,400	3,000	Low	1,260
		N/L80	2,800	3,600	3,200	Low	1,340
5	14.9	J55	2,600	3,400	3,000	Low	1,260
		N/L80	2,800	3,600	3,200	Low	1,340
5	17.9	J55	2,700	3,500	3,100	Low	1,300
		N/L80	2,900	3,700	3,300	Low	1,400
5 1/2	17.0	J55	2,700	3,500	3,100	Low	1,300
		N/L80	2,900	3,700	3,300	Low	1,400

This is Tong pressure to be set to dump