

Office

Energy, Minerals and Natural Resources

October 13, 2009

District I

1625 French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-09621

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

306443

7. Lease Name or Unit Agreement Name

Cooper Jal Unit

8. Well Number 206

9. OGRID Number 263848

10. Pool name or Wildcat

Jalmat; Tansill-Yates-7Rivers

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 ☐

2. Name of Operator

Resaca Operating Company

3. Address of Operator

1331 Lamar St. Suite 1450, Houston, TX 77010

4. Well Location

Unit Letter H : 1980 feet from the North line and 330 feet from the East line
Section 24 Township 24S Range 36E NMPM Lea County

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

3310' KB

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: Clean Out Well and Convert to Injector ☒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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

- 1.) MIRU Pulling Unit and Above Ground Steel Pit. NU BOP.
- 2.) RIH w/ 4 3/4" Bit & Drill Collars on 2 7/8" work string.
- 3.) Drill and clean out cement @ 2785' and CIBP @ 2820'. Clean out OH from 2983'-3230'
- 4.) POOH w/ 2 7/8" work string, drill collars and bit.
- 5.) RIH w/ 5 1/2" x 2 3/8" Loc-Set Packer, or similar packer on work string & set @ 2900'.
- 6.) RU Service Co. and prepare to stimulate well down 2 7/8" work string.
- 7.) Acidize OH 2983'-3230' w/ 12,000 gallons 15% HCl 90/10 Acid/ Xylene; Divert w/ 20,000#'s rock salt.
- 8.) POOH laying down work string; RIH w/ 2 3/8" tubing.
- 9.) Perform Mechanical Integrity Test; Pull chart for NMOCD.
- 10.) RDMO Pulling Unit, clean location, clean and dispose of pit fluids.
- 11.) Place well on Injection at approximately 500 bwpd.

Condition of Approval: Notify OCD Hobbs office 24 hours prior of running MIT Test & Chart

Per Underground Injection Control Program Manual
11.6 C Packer shall be set within or less than 100 feet of the uppermost injection perfs or open hole.

Release Date:

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

SIGNATURE Melanie Reyes TITLE Engineer Assistant DATE 2/22/11Type or print name Melanie Reyes E-mail address: melanie.reyes@resacaexploitation.com PHONE: (432)580-8500

For State Use Only

APPROVED BY: [Signature] TITLE STAFF MGR DATE 2-23-2011
Conditions of Approval (if any): [Signature]

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC		LEASE NAME		Cooper Jal Unit		WELL NO.		206			
<p>Surface Csg</p> <p>Hole Size: 12 1/4 in</p> <p>Csg. Size: 8 5/8 in</p> <p>Set @: 310 ft</p> <p>Sxs Cmt: 125</p> <p>Circ: Yes</p> <p>TOC @: surf</p> <p>TOC by: circ</p>		STATUS:		TA'd (6-26-99)		Oil		API# 30-025-09621			
		LOCATION: 1980 FNL & 330 FEL, Sec 24, T - 24S, R - 36E; Lee County, New Mexico									
		SPUD DATE:		TD		3230		KB		3,310'	
		INT. COMP. DATE:		05/04/50		PBDT		3230		GL	
<p>pkf fluid</p> <p>DV Tool at 1200'</p> <p>2nd stage 80% Calc. above DV At Surf.</p> <p>TOC at 1733' 80% Calc.</p> <p>TOC @ 2785' CIBP @ 2820'</p> <p>Yates @ 3009'</p> <p>Open Hole 2983 - 3230'</p> <p>OH IC 4 3/4 in</p> <p>Queen @ 3595'</p>		ELECTRIC LOGS:		GEOLOGICAL DATA		CORES, DST'S or MUD LOGS:					
		None Listed									
		HYDROCARBON BEARING ZONE DEPTH TOPS:									
		Yates @ 3009' 7-Rivers @ 3230' Queen @ 3595'									
<p>TOC at 1733' 80% Calc.</p> <p>TOC @ 2785' CIBP @ 2820'</p> <p>Yates @ 3009'</p> <p>Open Hole 2983 - 3230'</p> <p>OH IC 4 3/4 in</p> <p>Queen @ 3595'</p>		CASING PROFILE									
		SURF. 8 5/8" - 28#, J-55 set@ 310' Cmt'd w/125 sxs - circ cmt to surf.									
		PROD. 5 1/2" - 14#, J-55 set@ 2983' Cmt'd w/200 sxs - TOC @ 1733' 80% Calc. DV tool @1200' - pmp 200 sxs - 5 1/2" - TOC @ surf, 80% calc.									
		LINER									
<p>TOC at 1733' 80% Calc.</p> <p>TOC @ 2785' CIBP @ 2820'</p> <p>Yates @ 3009'</p> <p>Open Hole 2983 - 3230'</p> <p>OH IC 4 3/4 in</p> <p>Queen @ 3595'</p>		CURRENT PERFORATION DATA									
		CSG. PERFS:				OPEN HOLE :					
						2983 - 3230'					
<p>TOC at 1733' 80% Calc.</p> <p>TOC @ 2785' CIBP @ 2820'</p> <p>Yates @ 3009'</p> <p>Open Hole 2983 - 3230'</p> <p>OH IC 4 3/4 in</p> <p>Queen @ 3595'</p>		TUBING DETAIL									
		ROD DETAIL									
		WELL HISTORY SUMMARY									
		<p>19-May-46 Initial completion interval: (Yates/OH) 2983 - 3230': No stimulation. IP = 54 bopd (flowing)</p> <p>20-Apr-61 Put on pump.</p> <p>6-Mar-61 Producing 10 bopd & GOR=5880</p> <p>1-Mar-62 Monthly Production: 141 bopm & 1,179 Mcfgpm</p> <p>1-Apr-62 Cumulative Production: 111, 295 bbls oil & 589,535 Mcfg.</p> <p>25-Jan-63 Frac'd OH (2983 - 3230') w/40,000 gals lsae oil & 100,000#s 20/40 sand & 1,000#s moth balls. Could not C/O after frac below 3070', so put on pump.</p> <p>11-May-63 Never recovered load oil from previous frac due to unsuccessful pumping. Attempted to air-mist drill & run 4" FJ liner. Could not drlg below 3096' so set 4" liner from 2838 - 3096'.</p> <p>19-Feb-73 Tag fill at 3066 inside 4" liner. Circ clean to 3116 & fished all of 4" liner (258') out of hole. Reverse circ sand clean to 3235' & jet washed OH.</p> <p>5-Jul-73 Producing 11 bopd & 1 bwpd</p> <p>9-Jun-74 Producing 36 bopd & 10 bwpd</p> <p>12-Jul-74 C/O fill from 3100 - 3230' (130')</p> <p>10-Sep-74 Producing 70 bopd & 13 bwpd</p> <p>2-Apr-75 Producing 100 bopd & 6 bwpd</p> <p>12-May-75 C/O fill from 3123 - 3230' (70')</p> <p>3-Aug-75 Pumping 24 hrs, 129 oil & 0 wtr.</p> <p>3-Sep-76 Producing 56 bopd & 109 bwpd</p> <p>4-Aug-77 Producing 62 bopd & 119 bwpd</p> <p>2-Oct-78 Producing 58 bopd & 143 bwpd</p> <p>20-Dec-93 Replaced 1 jt 2 3/8" tbg & installed new rod pmp</p> <p>24-Jun-94 Replaced 18 - 3/4" rod boxes</p> <p>8-Feb-95 Repair rod part. Replaced 30 - 3/4" rod boxes. Change out pmp.</p> <p>25-Jan-97 C/O fill from 3103 - 3230' (127'). Re-ran prod equip replaced 46- 3/4" rods & couplings.</p> <p>15-Dec-97 C/O fill from 3110 - 3230' (120'). Washed 4 3/4" OH from 2983 - 3230'. Acdz'd thru Sonic Hammer entire OH w/ 3,000 gals 15% NEFE HCL. AIR=4.3 bpm, PM=1700 - 1374'. ISIP=Vacuum</p> <p>25-Jun-99 POOH w/ prod equipment. Set CIBP @ 2820' on tbg. Loaded well with pkf fluid. Dmp 35' cmt on top of CIBP. TOC and 2,785'. Test csg to 500 psi. Good tst. Well TA'd 6 - 26- 99.</p>									
<p>TOC at 1733' 80% Calc.</p> <p>TOC @ 2785' CIBP @ 2820'</p> <p>Yates @ 3009'</p> <p>Open Hole 2983 - 3230'</p> <p>OH IC 4 3/4 in</p> <p>Queen @ 3595'</p>		<p>PREPARED BY: Larry S. Adams Domingo Carrizales UPDATED: 03-Mar-04</p>									