

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 88410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
June 19, 2008

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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.)		WELL API NO. 30-025-09644 ✓
1. Type of Well: Oil Well ☐ Gas Well ☐ Other ☐ Injector ☒		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator Resaca Operating Company		6. State Oil & Gas Lease No. 306443
3. Address of Operator 2509 Maurice Road, Odessa, TX 79763		7. Lease Name or Unit Agreement Name Cooper Jal Unit ✓
4. Well Location Unit Letter <u>N</u> : <u>330</u> feet from the <u>South</u> line and <u>1650</u> feet from the <u>West</u> line Section <u>24</u> Township <u>24S</u> Range <u>36E</u> NMPM Lea County ✓		8. Well Number <u>134</u> ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3310' GL		9. OGRID Number <u>263848</u> ✓
		10. Pool name or Wildcat Jalmat; T-Y-7R: Langlie Mattix; 7R-Q-G ✓

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 & Acidize 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
- 2.) POOH w/ 2 3/8" tubing and 5 1/2" x 2 3/8" Baker Model AD-1 Tension Packer.
- 3.) RIH w/ 4 3/4" Bit & 6- 3 1/2" Drill Collars on 2 7/8" work string.
- 4.) Clean out well to 3570'.
- 5.) Acidize perfs and OH with approximately 10,000 gallons 90/10 Mixture of NEFE 15% Acid/ Xylene.
- 6.) POOH w/ 2 7/8" work string.
- 7.) RIH w/ 5 1/2" x 2 3/8" Baker Model AD-1 Tension Packer; circulate annulus with inhibited packer fluid
- 8.) Set Packer within 100' of top perf @ 3031'; test annulus to 500 psig for 30 minutes; Pull chart for NMOCD.
- 9.) Place well on Injection at approximately 300 bwpd; Maximum permitted injection pressure is 820 psig.
- 10.) RDMO Pulling Unit.

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

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

Use 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 12/29/10

Type 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 1-6-2011
Conditions of Approval (if any):

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC		LEASE NAME		Cooper Jal Unit		WELL NO 134 W			
Surface Csg Hole Size: 11 in Csg. Size: 8 5/8 in Set @: 280 ft Sxs Cmt: 150 Circ: Yes TOC @: surf TOC by: circ		STATUS: Active		Water Injector		API# 30-025-09644			
		LOCATION: 330 FSL & 1650 FWL, Sec 24, T - 24S, R - 36E, Lee County, New Mexico							
		SPUD DATE: TD		3570		KB 3,321'		DF	
		INT. COMP. DATE: 07/18/54		PBDT 3570		GL 3,310'			
		GEOLOGICAL DATA							
Production Csg. Hole Size: 7 7/8 in Csg. Size: 5 1/2 in Set @: 3462 ft Sxs Cmt: 300 Circ: No TOC @: 1880 f / surf. TOC by: calc.		ELECTRIC LOGS:		CORES, DST'S or MUD LOGS:					
		GR-N from surface - 3570' (7-17-54 Schlumberger)							
		Injection Profile (1-25-97 Houston, Inc.)							
		GR-N (2-7-79 Dresser Atlas)							
		HYDROCARBON BEARING ZONE DEPTH TOPS:							
		Yates @ 3030'		7-Rivers @ 3242'		Queen @ 3615'			
TOC @ 1880' By Calc.		CASING PROFILE							
		SURF. 8 5/8" - 28#, J-55 set @ 280' Cmt'd w/150 sxs - circ cmt to surf.							
		PROD. 5 1/2" - 14#(Surface - 2975') & 17#(2250 - 3462'), J-55 set @ 3462' Cmt'd w/300 sxs - TOC @ 1880' from surf by calc.							
		LINER None							
		CURRENT PERFORATION DATA							
		CSG. PERFS:		OPEN HOLE : 3462' - 3570'					
		15-Mar-79 Perf'd Yates (Jal) 3031', 34', 37', 40', 42', 53', 57', 3223', 25', 27', 91', 93', & 3295' w/ 1 spf (30 holes - 0.32 dia.)							
TUBING DETAIL		8/9/1994		ROD DETAIL					
<u>Length (ft)</u>		<u>Detail</u>							
11 KB									
2945 98		2 3/8" 4.7#, CL, J-55, 8rd EUE tbg.							
3 1		5 1/2" x 2 3/8" Baker Model AD-1 packer							
2959 btm									
WELL HISTORY SUMMARY									
18-Jul-54 Initial completion interval: 3462 - 3570' (Lower 7-Rivers OH). Frac'd w/5,000 gals lse oil & 7,500 #'s sand. IP= 237 bopd, 0 bwpd, & 320 Mcfgpd (flowing)									
07-Nov-75 C/O to 3570'. Acidz'd w/ 1,500 gals.									
15-Mar-79 Tagged btm-No fill. Logged well. Perf'd Yates (Jal) 3031', 34', 37', 40', 42', 53', 57', 3223', 25', 27', 91', 93', & 3295' w/ 1 SPF (30 holes total - .32" dia.), Acdz perfs (3031'-3295') w/3,000 gals; Frac w/49,000 gals X-L gel, 36,000#'s 20/40 sand & 13,500 gals 10/20 sand in 3 equal stages using RS for diversion. Max sand conc. -2 ppg. C/O to 3570'.									
11-Oct-82 C/O OH from 3469 - 3570' (101' of fill). Frac OH w/13,000 gals X-L gel, 6,000 gals CO2, 23,500#'s 20/40 sand, 13,500#'s 10/20 sand with max sand concentration of 3 ppg and max rate of 9.5 bpm. C/O OH to 3570'.									
20-May-87 Tag fill @ 3521' (49' of fill). Did not C/O.									
21-Jan-89 C/O fill from 3521 - 3570' (49' of fill). After WO: 19.9 bopd, 90 bwpd, & 17.9 Mcfgpd									
01-Oct-93 Administration Order No. WFX-648. Approved Division Order No. R-4019 & R-4020 for Waterflood Expansion.									
15-Apr-94 Converted well to DHC (Jalmat & Langlie Mattix) injector: C/O scale & formation f/ 3524'-70'. Jet wash 3570'-3462'. Acdz OH w/4,200 gals 20% NEFE HCL mixed with 165 gals micellular solvent diverting with 1700#'s rock salt in 4 stages. Tried to isolate perfs 3031'-3295' w/ RBP @ 3306' & pkr @ 3303'. No test on tools. POOH w/tools & acdz'd perfs 3031'-3295' & OH (3462 - 3570') together using 4,200 gals 20% NEFE HCL mixed w/ 165 gals micellular solvent diverting w/ 2100 #'s rock salt in 4 stages. AIR=3.1 bpm, ISIP=500 psi, P15min=vacuum. RIH w/pkr on 2 3/8" CL tbg. Could not set PKR @ 2990'. Set pkr @ 2959'. Tst OK. Initiated injection @ 712 bwpd @ 425 psi.									
14-Feb-02 Tag TD using SL unit (1 1/4" x 5' sinker bar). Tag fill @ 3508' (62' of fill).									
7-Nov-05 RIH with 1 1/4" x 5' sinker bar and tagged @ 3,558'.									
pkf @ 2959' Jalmat Yates @ 3030' 3031' 3034' 3037' 3040' 3042' 3053' 3057' 7-Rivers @ 3242' 3223' 3225' 3227' 3291' 3293' 3295' Langlie Mattix OH Interval 3462' - 3570' Fill at 3558' Queen @ 3615'		PBDT: 3570 ft TD: 3570 ft OH IC 4 3/4 in							
		PREPARED BY:		Larry S. Adams		Domingo Carrizales			
		UPDATED:		20-May-04					