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 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

RECEIVED
FEB 14 2011
HOBBSOCD

Form C-103
June 19, 2008

WELL API NO. 30-025-09638	
5. Indicate Type of Lease STATE ☐ FEE ☒	
6. State Oil & Gas Lease No. 306443	
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.)	7. Lease Name or Unit Agreement Name Cooper Jal Unit
1. Type of Well: Oil Well ☐ Gas Well ☐ Other Injector	8. Well Number 122
2. Name of Operator Resaca Operating Company	9. OGRID Number 263848
3. Address of Operator 2509 Maurice Road, Odessa, TX 79763	10. Pool name or Wildcat Jalmat; T-Y-7R: Langlie Mattix; 7R-Q-G
4. Well Location Unit Letter A : 330 feet from the North line and 990 feet from the East line Section 24 Township 24S Range 36E NMPM Lea County	
	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3311' GL

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
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 and Above Ground Steel Pit.
2.) POOH w/ 2 3/8" tubing and 5 ½" x 2 3/8" Baker Model AD-1 Tension Packer.
3.) RIH w/ 4 ¾" Bit & 6- 3 ½" Drill Collars on 2 7/8" work string.
4.) RU Swivel and clean out well to 3552'.
5.) Acidize perfs 3020'-3461' & OH 3465'-3552' w/ approximately 10,000 gallons 90/10 Mixture of NEFE 15% Acid/ Xylene.
6.) POOH w/ 2 7/8" work string.
7.) RIH w/ 5 ½" x 2 3/8" Baker Model AD-1 Tension Packer; circulate annulus with inhibited packer fluid
8.) Set Packer within 100' of top perf @ 3020'; test annulus to 500 psig for 30 minutes; Pull chart for NMOCD.
9.) RDMO Pulling Unit, clean location, clean and dispose of pit fluids.
10.) Place well on Injection at approximately 600 bwpd; Maximum permitted injection pressure is 880 psig.

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.

Sp ease Date:

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

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

SIGNATURE [signature] TITLE Engineer Assistant DATE 2/8/11

Type or print name Melanie Reyes E-mail address: melanie.reyes@resacaexploitation.com PHONE: (432)580-8500

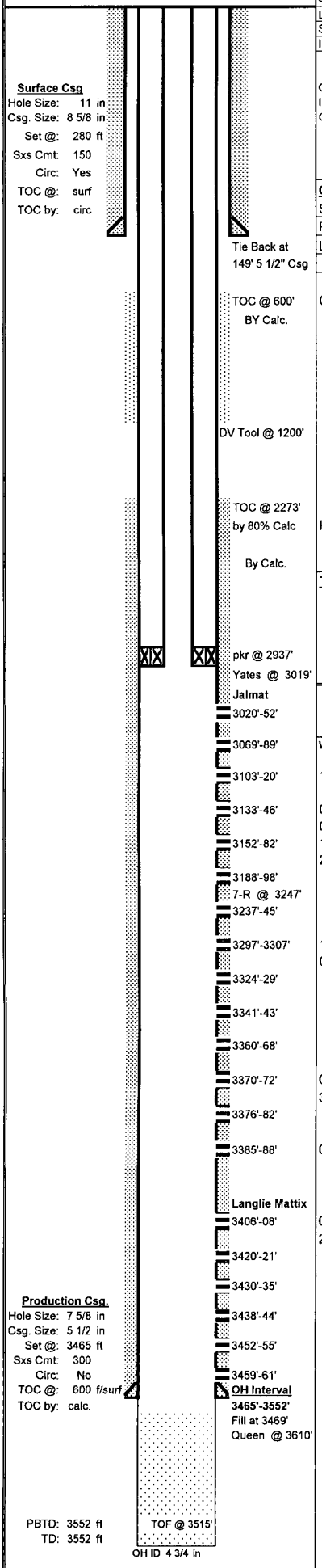
For State Use Only

APPROVED BY: [signature] TITLE STAFF MGR DATE 2-15-2011

Conditions of Approval (if any):

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC



LEASE NAME	**Cooper Jal Unit**				WELL NO **122 WIW**
STATUS:	Active	Water Injector			API# **30-025-09638**
LOCATION:	330 FNL & 990 FEL, Sec 24, T - 24S, R - 36E; Lee County, New Mexico				
SPUD DATE:		TD 3552	KB 3,321'	DF	
INT. COMP. DATE:	06/18/54	PBTD 3552	GL 3,311'		

GEOLOGICAL DATA

ELECTRIC LOGS:

GR-CCL (12-2-93 Halliburton)
Injection Profile log (4-20-95 Houston, Inc.)
GR-N from 100 - 3553' (6-14-54 Schlumberger)

CORES, DST'S or MUD LOGS:

HYROCARBON BEARING ZONE DEPTH TOPS:

Yates @ 3019' 7-Rivers @ 3247' Queen @ 3610'

CASING PROFILE

SURF.	8 5/8" - 32#, J-55 set@ 280' Cmt'd w/150 sxs - circ cmt to surf.
PROD.	5 1/2" - 14#, H-40 set@ 3465' Cmt'd w/200 sxs - TOC @ 2265' f/ surf by calc. DV tool @1200' - pmp 100 sxs.
LINER	None

5 1/2" - TOC@ 600' by calc.

CURRENT PERFORATION DATA

CSG. PERFS:

Interval	Net feet	No. holes
3020 - 52'	32	64
3069 - 89'	20	40
3103 -20'	17	34
3133 - 46'	13	26
3152 - 82'	30	60
3188 - 98'	10	20
3237 - 45'	8	16
3297 -3307'	10	20
		280

Perf'd w/2 spf, 120 deg phasing, .46" dia hole

Interval	Net feet	No, Holes
3324'-29'	5	11
3341'-43'	2	5
3360'-68'	8	17
3370'-72'	2	5
3376'-82'	6	13
3385'-88'	3	7
3406'-08'	4	5
3420'-21'	4	5
3430'-35'	5	11
3438'-44'	12	13
3452'-55	6	7
3459'-61'	6	7

Open Hole:
3465'-3552'

TUBING DETAIL 10/31/2003

Length (ft)		Detail
10	KB	
2927	93	2 3/8" 4.7#, CPL, J-55, 8rd EUE tbg.
3	1	5 1/2" x 2 3/8" Baker Model AD-1 packer
2940	btm	

ROD DETAIL

WELL HISTORY SUMMARY

18-Jun-54	Initial completion **interval: 3465 - 3552' (Lower 7 Rivers OH).** Frac'd w/4,000 gals oil & 6,000#'s sand. **IP=254 bopd,0 bwpd & 222 Mcfgpd (flowing)**
09-Jun-56	Placed well on rod pump
05-May-71	**Converted well to injection:** C/O fill rom 3535 - 3546'
10-Feb-84	C/O to 3552' (TD). Installed new IPC tbg.
29-Nov-93	C/O f/ 3479'-3554'. Set pkr @ 3399' & acdz OH 3465'-3552 w/4,200 gals 20% HCL & 168 gals TW-45 in 4-stages using 1,900#'s RS as diverson. PM=4,000'-700 psi, AIR=4 bpm. Ran GR-CCL f/ 3300'-2800'. **Perf'd Yates** f/ 3030'-3307' w/2 spf (280 - .46" holes). Set pkr@ 2890' & acdz perfs (3020 - 3307') w/ 4,200 gals 20% NEFE HCL and TW- 425 dropping 300 7/8" RCN BCs. PM=2400 - 650 psi, AIR=4.5 bpm no good ball action, ISIP=650 psi, P2min= vacuum. RIH w/ pkr on IPC tbg and set pkr @ 2962'. Placed well on injection @ 450 bwpd (avg), TP=vacuum.
14-Feb-02	Tag TD using SL unit (1 1/4" x 5' sinker bar). **Tag fill @ 3056' (496' of fill).**
02-Sep-03	POOH w/ IPC tbg & laid down 4 1/2" AD-1 PKR. Tallied in hole w/2 7/8" work string & set RBP at 3000'. Test RBP to 500 psi - held. Ran GR/CBL f/ 2990' to 151' - TOC at 160'. Sling shot 5 1/2" csg at 149'. Recovered 149' of csg. Ran new 51/2" casing, **tie back at 149'** onto old 5 1/2" casing. Pressure casing to 500 psi - held. **Perf'd 7-Rivers (Jalmat) f/ 3324'-3388', Perf'd 7-Rivers (Langlie Mattix) f/ 3406'-3461'.** Total feet 45, total holes 102. Treated perfs w/ 280 bbls surfactant water & 3000 gals of 15% NEFE HCL acid via PerfClean Tool. Cleaned out with 3 1/2" bailer from **3453' to 3468'.** RIH with 5 1/2" AD-1 packer while hydrotesting 2 3/8" IPC tbg to 7000 psig. Set PKR 2962', pressure test to 500 psi - held. Placed on injection at 300 BWPD at 0 psi.
01-Oct-93	**Administrtative Order No. WFX-648. Approve Division Order No.R-4019 & R-4020 for Waterflood Expansion.**
30-Oct-03	Had pressure on annulus. Reset packer - test W/O success. POOH w/ 2 3/8" IPC tbg & 5 1/2" AD-1 packer. Redressed packer. RIH w/ 5 1/2" Ad-1 packer on 93 - 2 3/8" IPC tubing to 2927. Circulated w/ 70 barrels of 2% KCl plus inhibited packer fluid. Set 5 1/2" AD-1 packer w/ 23,000# tension. **Pressure to 500 psig - held.** Pulled a pressure chart OCD.
02-Dec-04	**Before Rate & Pressure: 353 bwpd at 290 psig.** RIH w/ 1 1/4" Perf-Clean Tool on 1 1/4" Coiled Tbg Unit: washed perforations & open hole f/ 2940' to 3511'. TP=3500 psig, Annulus Press=480 psig. Acidize same interval w/ 4200 gallons 15% NEFE HCl acid via PerfClean Tool. TP= 4800 psig, Annulus Pressure= 480 psig. POOH & laid down Perf-Clean Tool. **After Rate & Pressure: 286 bwpd at 0 psig.**
07-Nov-05	RIH with 1 1/4" sinker bar and **tagged at 3,469'.**
21-Apr-09	RU Gray WL. Tagged @ 3,338' w/ caliper. RD Gray WL. Placed well on injection. **Rate/Press: 608 bwpd/642#.**

PREPARED BY:	Larry S. Adams	Domingo Carrizales	UPDATED:	19-May-09