

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

Form C-103
June 19, 2008

RECEIVED
FEB 14 2011
HOBBBSUCD

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. 30-025-11141 ✓
1. Type of Well: Oil Well ☐ Gas Well ☐ Other ☐ Injector ☒		5. Indicate Type of Lease STATE ☐ FEE ☒ 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>M</u> : <u>660</u> feet from the <u>South</u> line and <u>660</u> feet from the <u>West</u> line Section <u>18</u> Township <u>24S</u> Range <u>37E</u> NMPM Lea County		8. Well Number <u>116</u> ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3307' 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 and Above Ground Steel Pit.
- 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.) RU Swivel and clean out well to 3641'.
- 5.) Acidize perfs 2980'-3392' and OH 3410'-3641' 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 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 @ 2980'; test annulus to 500 psig for 30 minutes; Pull chart for NMOCD.
- 9.) RDMO Pulling Unit, clean location; clean & dispose of pit fluids.
- 10.) Place well on Injection at approximately 400 bwpd; Maximum permitted injection pressure is 596 psig.

Spud 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.

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 Melanie Reyes 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 State Manager DATE 2-15-2011
Conditions of Approval (if any):

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC		LEASE NAME		Cooper Jal Unit		(Formerly No. 235)		WELL NO. 116 WIW	
Surface Csg Hole Size: 12 1/4 in Csg. Size: 9 5/8 in Set @: 243 ft Sxs Cmt: 150 Circ: Yes TOC @: surf TOC by: circ		STATUS:		Active		Water Injector		API# 30-025-11141	
		LOCATION:		660 FSL & 660 FWL, Sec 18, T - 24S, R - 37E; Lee County, New Mexico					
		SPUD DATE:		TD		3641		KB 3,317' DF	
		INT. COMP. DATE:		03/09/50		PBTD		GL 3,307'	
		ELECTRIC LOGS:		GEOLOGICAL DATA		CORES, DST'S or MUD LOGS:			
		GR-N from 2700 -3631' (2-11-50 Lane Wells)							
		GR - N - CCL from 2100 - 3630' (8-31-71 Dresser Atlas)							
		Injection Profile Log (4-25-95 Houston Inc.)							
				HYDROCARBON BEARING ZONE DEPTH TOPS:					
		Queen @ 3562'		Seven Rivers @ 3210'		Yates @ 2982'			
				CASING PROFILE					
		SURF.		9 5/8" - 40#, J-55 set@ 243' Cmt'd w/150 sxs - circ cmt to surf.					
		PROD.		7" - 20#, J-55 set@ 3410' Cmt'd w/500 sxs - TOC @ 1201' from surf by Temp Survey					
		LINER		None					
				CURRENT PERFORATION DATA					
		CSG. PERFS:				OPEN HOLE : 3410 - 3641'			
				2980 - 88' (9 holes)		3114 - 20' (7 holes)			
				2996 - 3002' (7 holes)		3125 - 40' (16 holes)			
				3024 - 42' (19 holes)		3187 - 91' (5 holes)			
				3052 - 58' (7 holes)		3197 - 3208' (12 holes)			
				3067 - 77' (11 holes)		3376 - 78' (3 holes)			
				3081 - 86' (7 holes)		3384 - 86' (3 holes)			
				3103 - 10' (8holes)		3392 - 96' (8 holes)			
		TUBING DETAIL		3/8/1994		ROD DETAIL			
		Length (ft)		Detail					
		10.00 KB							
		2870.02 88 jts - 2 3/8" 4.7#, CPL, J-55, 8rd EUE tbq.							
		2.90 1- 5 1/2" x 2 3/8" Baker Model AD-1 packer							
		2882.92 btm							
		WELL HISTORY SUMMARY							
		09-Mar-50		IC interval: 3410 -3641' (7 RVRS/Queen OH). Shot w/100 qts nitro. IP =15 bopd, 0 bwpd & 2 Mcfgpd (flowing)					
		10-Sep-71		C/O f/ 3600 - 3641' w/ 6 1/4" bit. Ran GR-N-CCL. Perf (Yates & 7 RVRS-Queen) f/ 2980 - 3396' w/ 1 spf (118 holes - 0.5" dia.). Acdd'd perfs 3376 - 96' w/ 1,000 gals 20% HCL & 12 ballsealers, AIR=5 bpm @ 900 psi. Acdd'd perfs 2980 - 3208' w/ 4,000 gals 20% HCL & 100 ballsealers, AIR=4.4 bpm @ 1600 psi. Ran new string of 2 3/8" IPC w/ 2 Baker full open flow regulators & two packers. Converted well to dual injector. Initiated injection.					
		21-Aug-87		C/O OH f/3509'-3641'. Acddz perfs 2980'-3641' & OH 3410'-3641' w/2,500 gals 15% NEFE HCL in 4 stages using 500#'s RS diversion between stages. PM=1100 - 800 psi, AIR=2.0 bpm, ISIP=400 psi, P10min=vac. Ran injection string of 2 3/8" IPC w/ 2 Baker flow regulators & two packers. Refurbish surface injection line and water filter. Placed well on injection.					
		1-Oct-93		Administrative Order No. WFX-648. Approve Division Order No. R-4019 & R-4020 for Waterflood Expansion.					
		29-Nov-93		C/O OH f/ 3617 - 41'. Set pkr@ 3353' & acdd'd perfs 3353-96 & OH 3410- 3641' w/ 4,200 gals 20% NEFE HCL w/ 168 gals micellular solvent & 3,000#'s RS in 4 stages. PM=847 - 315 psi, AIR=4.2 bpm, ISIP=467 psi, P5min=370 psi, P10min=300 psig. P15min=220 psi. Swab back load. RIH w/inj. Equip. Set pkr@ 2883'. Placed on injection: 624 bwpd @ 300 psi.					
		08-Mar-94		POOH w/injection string and pkr LD. (Plastic coating peeling out of tbq.) PU & TIH w/new CPL 2 3/8" tbq & pkr. Count not get pkr to test @ 2915'. PU and reset pkr @ 2884'. Placed well on injection.					
		07-Nov-05		RIH with 1 1/4" sinker bar and tagged at 3,619'.					
		TOC @ 1201'		By TS					
		2 3/8" CPL tbq.							
		pk@ 2884'							
		Yates @ 2982'							
		Jalmat							
		2980'							
		3208'							
		7-Rivers @ 3210'							
		3376'							
		3392'							
		Langlie Mattix							
		OH Interval							
		3410 - 3641'							
		Queen @ 3562'							
		Fill @ 3619'							
		PBTD: 3641 ft							
		TD: 3641 ft							
		OH IC 6 1/4 in							
		PREPARED BY:		Larry S. Adams		UPDATED:		09-Sep-02	