

Office

Energy, Minerals and Natural Resources

October 13, 2009

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

RECEIVED
JAN 05 2011
HOBBSCOCD

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO. 30-025-09620 ✓
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> ✓
6. State Oil & Gas Lease No. 306443
7. Lease Name or Unit Agreement Name Cooper Jal Unit ✓
8. Well Number 205 ✓
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 Company3. Address of Operator
2509 Maurice Road, Odessa, TX 79763

4. Well Location
 Unit Letter G : 1980 feet from the North line and 1650 feet from the East line
 Section 24 Township 24S Range 36E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
 3308' 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: 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 3600'.
- 5.) Acidize 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 of OH @ 2988'; test annulus to 500 psig for 30 minutes; Pull chart for NMOCD.
- 9.) Place well on Injection at approximately 500 bwpd; Maximum permitted injection pressure is 820 psig.
- 10.) RDMO Pulling Unit.

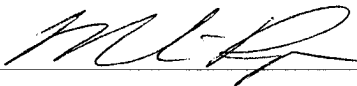
Condition of Approval: Notify OCD Hobbs
 office 24 hours prior of running MIT Test & Chart

Per Underground Injection Control Program Manual

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



TITLE

Engineer Assistant

DATE

12/29/10

Type or print name

Melanie Reyes

E-mail address:

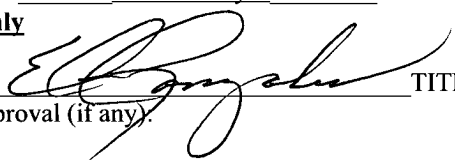
melanie.reyes@resacaexploitation.com

PHONE:

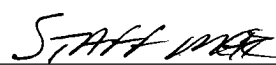
(432)580-8500

For State Use Only

APPROVED BY:



TITLE



DATE

1-6-2011

Conditions of Approval (if any).

WELLBORE SCHEMATIC AND HISTORY			
CURRENT COMPLETION SCHEMATIC		LEASE NAME Cooper Jal Unit	
		WELL NO. 205 WIW	
		API# 30-025-09620	
		STATUS: Active Water Injector	
		LOCATION: 1980 FNL & 1650 FEL, Sec 24, T - 24S, R - 36E, Lee County, New Mexico	
		SPUD DATE: TD 3600 KB 3,319' DF	
		INT. COMP. DATE: 05/06/50 PBTD 3600 GL 3,308'	
<div style="text-align: center;"> Surface Csg Hole Size: 11 in Csg. Size: 8 5/8 in Set @: 300 ft Sxs Cmt: 125 Circ: Yes TOC @: surf TOC by: circ </div> <div style="text-align: center; margin-top: 100px;"> Production Csg. Hole Size: 7 7/8 in Csg. Size: 5 1/2 in Set @: 2988 ft Sxs Cmt: 400 Circ: No TOC @: 125 f / surf. TOC by: calc. </div>		ELECTRIC LOGS:	
		GEOLOGICAL DATA	
		HYDROCARBON BEARING ZONE DEPTH TOPS:	
		CASING PROFILE	
		CURRENT PERFORATION DATA	
<div style="text-align: center;"> TOC @ 125' by calc. </div> <div style="text-align: center; margin-top: 100px;"> DV Tool @ 1198' </div> <div style="text-align: center; margin-top: 100px;"> TOC @ 1935' By Calc. </div> <div style="text-align: center; margin-top: 100px;"> OH Interval 2988 - 3600' Yates @ 3024' </div> <div style="text-align: center; margin-top: 100px;"> Fill @ 3078' 7-R @ 3248' </div> <div style="text-align: center; margin-top: 100px;"> Queen @ 3610' </div>		CORES, DST'S. or MUD LOGS:	
		Ejecto Log Tracer (3-16-78 Cardinal Surveys Co.) GR-Compensated Sonic (1-6-94 Halliburton) GR-DSN-SDL (1-6-94 Halliburton) GR-DSN-DLL (1-6-94 Halliburton) Injection Profile (4-27-95 Houston Inc.)	
		Yates @ 3024' 7-Rivers @ 3248' Queen @ 3610'	
		SURF. 8 5/8" - 28#, J-55 set@ 300' Cmt'd w/125 sxs - circ cmt to surf. PROD. 5 1/2" - 14#, J-55 set @ 2988' Cmt'd w/200 sxs - TOC @ 1935' f/ surf by calc. DV tool @1198' - pmp 200 sxs - LINER None 5 1/2" - TOC@ 125' f/ surf by calc.	
		CSG. PERFS: OPEN HOLE : 2988 - 3600'	
TUBING DETAIL 01/11/94 ROD DETAIL			
<div style="text-align: center;"> Length (ft) Detail </div> <div style="text-align: center;"> 0 KB 2957 91 2 3/8" 4.7#, CL, J-55, 8rd EUE tbg. 3 1 5 1/2" x 2 3/8" Baker Model "A-1" packer 2960 btm </div>		WELL HISTORY SUMMARY	
		6-May-50 Initial completion 2988 - 3251' (Yates OH) . No stimulation. IP=48 bopd, 0 bwpd, & 61 Mcfgpd (flowing) 4-Dec-54 C/O fill from 3054 - 3251 (197'). Frac'd OH w/ 12,000 gals lse oil carrying 16,000#'s sand. After WO: 51 bopd, 0 bwpd, & GOR=4379	
		14-Feb-61 Placed well on rod pump system. 1-Apr-62 Cumulative Production=111,613 Bo & 572,309 Mcfg 21-Sep-71 CONVERTED TO INJECTOR: C/O fill to 3251'. Ran pkr on 2 3/8" CL tbg. Set pkr @ 2927'. Initiated injection. 16-Mar-78 Ran injection profile. Tagged fill @ 3177' (74'). No C/O. 07-Oct-84 Tagged fill @ 3063' (188'). 15-Oct-86 C/O fill f/ 3058 - 3251' (193'). Jetwash OH. Acld'd OH w/4,000 gals 15% NEFE HCL using 1,000#'s RS in 2 equal stages. AIR= 5 bpm @ 970#. ISIP=730#, P15min=210#. RIH w/pkr on new 2 3/8" CL tbg. Set pkr @ 2955'. Tst csg. OK. RWO.	
		01-Oct-93 Administrative Order No. WFX-648. Approved Division Order No. R-4019 & R-4020 for Waterflood Expansion. 20-Dec-93 Deepened well to 3600' w/4 3/4" bit. Acld'd OH (2988'-3600') w/8,400 gals 20% NEFE HCL in 5 stages using a total of 5,000#'s rock salt between stages. AIR=5.5 bpm @ 1090 psi. ISIP=920 psi, P15min=690 psi. Ran pkr on 2 3/8" CL tubing. Initiated injection at 171 bwpd @ 450 psi.	
		14-Feb-02 Tag TD using SL unit (1 1/4" x 5' sinker bar). Tag fill @ 3040' (560' of fill). 08-Nov-05 RIH with 1 1/4" x 5' sinker bar and tagged at 3,078'.	
PREPARED BY: Larry S. Adams UPDATED: 04-May-02			