

RECEIVED

AUG 27 2010

HOBBSOCD

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-09620

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil &amp; Gas Lease No.

141560

7. Lease Name or Unit Agreement Name

Cooper Jal Unit

8. Well Number 205

9. OGRID Number 193003

X 263848

10. Pool name or Wildcat Jalmat Tansill,  
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 Company

3. Address of Operator

2600 W. I-20, 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.)

3318' 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: Perform Step-Rate Test.

☒

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.

Objective: Perform Step-Rate Test

- 1) Shut well in 24 hours prior to test.
- 2) R. U. Arc Pressure Data, Inc.
- 3) RIH with pressure bomb and locate at mid-perfs.
- 4) Start injection at 100 bwpd for 1 hour.
- 5) Ramp rates up at 100 - 200 bwpd increments per hour.

Note: Obtain at least 3 points before parting pressure and 3 - 4 points after parting pressure.

Note: Maximum rate should be 1500 bwpd.

6) POOH with pressure bomb. R. D. Arc Pressure Data, Inc.

7) Place well on injection at 400 bwpd.

Approval for Step-Rate testing only Cannot increase pressure until the OCD Santa Fe office has approved Step-Rate test and application for Injection pressure increase

Spud Date:

4/20/50

Rig Release Date:

8/31/2010

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

SIGNATURE

TITLE

District Engineer

DATE

8/26/2010

Type or print name

Domingo Carrizales

E-mail address:

Domingo.Carrizales@teai.com

PHONE: (432)580-8500

For State Use Only

APPROVED BY

TITLE

STAFF MEMBER

DATE

8-30-10

Conditions of Approval (if any):

RM

WELLBORE SCHEMATIC AND HISTORY												
CURRENT COMPLETION SCHEMATIC			LEASE NAME				WELL NO					
			Cooper Jal Unit				205 WIW					
			STATUS				API#					
			Active				30-025-09620					
			Water Injector									
			LOCATION									
			1980 FNL & 1650 FEL, Sec 24, T - 24S, R - 36E, Lee County, New Mexico									
			SPUD DATE		TD		KB		DF			
			05/06/50		3600		3,319'					
			INT COMP DATE		PBDT		GL		3,308'			
			05/06/50		3600		3,308'					
			ELECTRIC LOGS.							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 )									
			HYDROCARBON BEARING ZONE DEPTH TOPS									
			Yates @ 3024'							7-Rivers @ 3248'		
			Queen @ 3610'									
			CASING PROFILE									
			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		
			CURRENT PERFORATION DATA									
			CSG. PERFS							OPEN HOLE		
										2988 - 3600'		
			TUBING DETAIL							ROD DETAIL		
			01/11/94									
			Length (ft)							Detail		
			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									
			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 Acdz'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. Acdz'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'.									
			TOC @ 125' by calc									
			DV Tool @ 1198'									
			TOC @ 1935' By Calc									
			pkrr @ 2960'									
			OH Interval									
			2988 - 3600'									
			Yates @ 3024'									
			Fill @ 3078'									
			7-R @ 3248'									
			Queen @ 3610'									
			OH IC 4 3/4 in									
			PBTD 3600 ft									
			TD 3600 ft									
			PREPARED BY:							Larry S. Adams		
			UPDATED							04-May-02		

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

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

OH Interval

2988 - 3600'

Yates @ 3024'

Fill @ 3078'

7-R @ 3248'

Queen @ 3610'