

Office

Energy, Minerals and Natural Resources

June 19, 2008

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
MAR 25 2011
HOBBSOCD

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-09637

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

306443

7. Lease Name or Unit Agreement Name

Cooper Jal Unit

8. Well Number 127

9. OGRID Number 263848

10. Pool name or Wildcat

Jalmat; Tansill-Yates-7Rivers

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 ☐

2. Name of Operator

Resaca Operating Company

3. Address of Operator

1331 Lamar St. Ste. 1450, Houston, TX 77010

4. Well Location

Unit Letter H : 1650 feet from the North line and 990 feet from the East lineSection 24 Township 24S Range 36E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3304' 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 ☐

OTHER: Add Perfs and Foam Sand Frac Jalmat

☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐

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.

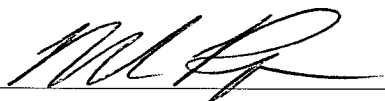
- 1.) MIRU Pulling Unit and Above Ground Steel Pit; NU BOP; POOH w/ rods and tubing.
- 2.) Clean out to CIBP @ 3354'.
- 3.) RU Wireline Co. & perforate Yates f/ 3048'-3298', 2 JHPF, 71', 142 holes.
- 4.) RU Service Company & prep to fracture stimulate well down 4 1/2" work string.
- 5.) Foam Sand Frac Yates f/ 3048'-3298' w/ approximately 105,000# 16/30 Brady Brown Sand & 105,000# 16/30 resin coated Brady Brown Sand plus 1.71 MMCF Nitrogen, diverting w/ 130 Ball Sealers.
- 6.) RD Service Company. Install adjustable choke manifold w/ pressure gauge. Flow back well & clean up well, monitoring pressure and sand production until pressure depletes.
- 7.) POOH w/ 2 7/8" work string and lay down packer; clean out frac sand down to 3354'.
- 8.) RIH w/ 2 7/8" tubing, pump and rods.
- 9.) RDMO Pulling Unit, clean location, clean and dispose of pit fluids.

Spud Date:

Rig 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

3/24/11

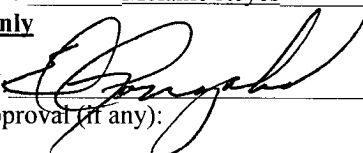
Type or print name

Melanie Reyes

E-mail address: melanie.reyes@resacaexploitation.com PHONE: (432)580-8500

For State Use Only

APPROVED BY



TITLE

STAFF MGR

DATE

3-28-2011

Conditions of Approval (if any):

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC

LEASE NAME

Cooper Jal Unit

WELL NO 127

STATUS:

Active

Oil

API#

30-025-09637

LOCATION:

1650 FNL & 990 FEL, Sec 24, T - 24S, R - 36E; Lee County, New Mexico

SPUD DATE:

TD

3541

KB

3,312'

DF

INT. COMP. DATE:

06/01/54

PBTD

3537

GL

3,304'

GEOLOGICAL DATA

ELECTRIC LOGS:

CORES, DST'S or MUD LOGS:

GR-N from 100 - 3541' (5-27-54 Schlumberger)

GR-CCL (8-19-93 Halliburton)

HYDROCARBON BEARING ZONE DEPTH TOPS:

Yates @ 3018'

7-Rivers @ 3238'

Queen @ 3600'

CASING PROFILE

SURF. 8 5/8" - 24#, J-55 set@ 290' Cmt'd w/150 sxs - circ cmt to surf.

PROD. 5 1/2" - 14#, J-55 set@ 3460' Cmt'd w/200 sxs - TOC @ 2405' from surf by calc. DV tool @ 1205' - pmp 100 sxs -

LINER None 5 1/2" - TOC @ 675' f/ surf by calc.

CURRENT PERFORATION DATA

CSG. PERFS:

OPEN HOLE:

Isolated below CIBP @ 3354'

Perf'd Jalmat (Yates): 3019'-3021' 3026'-3048', 3064'-3077', 3090'-3095', 3105'-3118', 3130'-3141', 3148'-3176', 3183'-3187', 3194'-3198' & 3218'-3229', 2 spf (10 intervals - 244 holes)

TUBING DETAIL

12/28/04

ROD DETAIL

11/09/07

Length (ft)

Detail

2839

92

2 7/8" 6.5#, J-55, 8rd EUE tbg.

3

1

5 1/2" x 2 7/8" TAC

315

10

2 7/8" 6.5#, J-55, 8rd EUE tbg.

32

1

2 7/8" Super Max Blast Joint

1

1

2 7/8" SN

4

1

2 7/8" Perf Sub

18

1

2 7/8" MA

3212

Length (ft)

Detail

18

1

26' x 1 1/4" polish rod w/ 7/8" pin

0

1

1 1/4" x 1 1/2" x 14' liner

8

1

6' x 7/8" grade D pony rod

1550

62

7/8" D steel rods

1475

59

3/4" D steel rods

125

5

1 1/2" sinker bars

16

1

2 1/2" x 1 1/2" X 16' RWBC pump

0

1 - 1/14" gas anchor

3192 btm

WELL HISTORY SUMMARY

01-Jun-54 Initial completion interval: 3460 - 3541' (7 RVRS/Queen OH). Frac'd w/4,000 gals oil & 6,000#s sand. IP=248 bopd, 0 bwppd & 185 Mcf/gpd (flowing)

15-Nov-58 C/O from 3535 - 3541' (6' of fill). Placed well on rod pump. After WO: 30 bopd, 0 bwppd, & GOR=1,238

11-Aug-71 CONVERTED TO WATER INJECTION: C/O from 3527 - 37'. Ran 2 3/8" CL tbg. & set pkr @ 3398'.

19-Aug-93 Set 5 1/2" CIBP @ 3354'. Perf'd (Jalmat) from 3019'-3229' w/ 2 spf (10 intervals - 244 holes). Frac w/ 63,000 gals spectra frac G-3000 & 255,340#s 12/20 sand. AIR=35 bpm, PM=2990-1935 psi. ISIP = 1249 psi. C/O f/ 2825'-3347'. RIH w/ tbg, rods & pmp. PWOP. After WO: 50 bopd, 36 bwppd, & 42 Mcf/gpd.

16-Jul-94 C/O fill 3248 - 3389'.

23-Jan-95 Tag fill @ 3312'. Did not C/O well.

19-Mar-97 Tag fill @ 3305'. Did not C/O well.

17-Dec-99 Tag fill @ 3302'. Did not C/O well.

18-Apr-00 C/O rod pump & tst tbg to 500 psi. OK. Acdd'd tbg w/500 gals acid & swab back. RIH w/pmp & rods. PWOP.

16-Apr-02 Pull stuck pump. Pulled tubing. Ran back in hole. Placed on pump.

12-Dec-02 Knocked out bridge in Perfs @ 3146' and C/O to 3245' could not C/O any further (solid) dropped 20 acid sticks.

08-Jan-04 POOH with rods and pump. Tagged at 3230'. RIH with pump and rods. PWOP.

05-Aug-04 POOH w/ rods & pump. Tagged at 3233'. Bailed f/ 13' to 3246'. Could not make anymore hole. Recovered 20' of of scale. RIH with tubing and set TAC with 18,000#. RIH pump and rods. PWOP. Laid down 8 - 7/8" & 18 - 3/4" rods due to pitting, bottom 30 rods had scale on shoulder of the rods.

08-Oct-04 Pump 50 bbls of produced water with 10 gals surfactant down tubing.

22-Nov-04 POOH w/ rods, pump & tbg. RIH w/ tbg & tagged at 3,229'. RIH w/ 2 7/8" Notched Collar & tbg bailer and cleaned 26' of scale. RIH with production tubing, pump and rods. PWOP.

28-Dec-04 POOH w/ rods, pump & tubing. Replaced sand screen w/ perf sub. RIH w/ new 2 7/8" Super Max Blast Joint. PWOP.

09-Nov-07 POOH with rods and pump. RIH with repaired pump and rods. PWOP.

Surface Csg

Hole Size: 12 1/4

Csg. Size: 8 5/8 in

Set @: 290 in

Sxs Cmt: 150 ft

Circ: Yes

TOC @: surf

TOC by: circ

TOC @ 675'
by calc

DV Tool @ 1205'

TOC @ 2405'
By Calc.Yates @ 3018'
2 spf

3019'-21'

3026'-48'

3064'-77'

3090'-94'

3105'-18'

3130'-41'

3148'-76'

3183'-87'

3194'-98'

3218'-29'

7-Rivers @ 3238'

Top of Fill

at 3266'

CIBP @ 3354'

Production Csg.

Hole Size: 7 7/8 in

Csg. Size: 5 1/2 in

Set @: 3460 ft

Sxs Cmt: 300

Circ: No

TOC @: 675 f / surf

TOC by: calc

OH Interval
3460 - 3541'
Iso below CIBP

Queen @ 3600'

PBTD: 3537 ft

TD: 3541 ft

OH ID: 4 3/4 in

PREPARED BY:

Larry S. Adams

Domingo Carrizales

UPDATED:

10-Dec-04