

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  
CONSERVATION DIVISION  
MAR 07 2011  
1220 South St. Francis Dr.  
Santa Fe, NM 87505  
HOBBSUCD

WELL API NO. 30-025-09647 ✓	
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 229 ✓	
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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> ✓	
2. Name of Operator Resaca Operating Company	
3. Address of Operator 2509 Maurice Road, Odessa, TX 79763	
4. Well Location Unit Letter <u>E</u> : <u>1650</u> feet from the <u>North</u> line and <u>990</u> feet from the <u>West</u> line Section <u>25</u> Township <u>24S</u> Range <u>36E</u> NMPM Lea County ✓	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3312' GL	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: Filing Delinquent Report to Update Records <input checked="" type="checkbox"/>	

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: Filing Delinquent Report to update records; Perforated and Foam Frac'd well.

- 1.) MIRU Pulling Unit and Above Ground Steel Pit; NU BOP; POOH w/ rods and tubing. 5/29/07
- 2.) RIH w/ 4 3/4" Bit, tagged @ 3034'; cleaned out to 3163'.
- 3.) RIH w/ packer and set @ 2610'; pressure tested casing to 500#-held.
- 4.) Perforated Tansil f/ 2915'-2930', 2905'-2910' and 2880'-2900' w/ 3 jsf degree, 130 phasing.
- 5.) Foam CO2 Acid Frac'd Tansill (2880'-2930') w/ 6500 gals NEFE Acid plus 70 Tons CO2.
- 6.) 1<sup>st</sup> Day- flowed CO2 & 1% oil cut on 8/64 Choke; 2<sup>nd</sup> Day- 12-16 BFPD 1%-5% oil cut; 3<sup>rd</sup> Day- bled well down.
- 7.) RIH w/ 2 3/8" tubing. RIH w/ pump and rods.
- 8.) RDMO Pulling Unit, clean location, clean and dispose of pit fluids. Put well on production. 6/14/07

Spud Date:

5/29/07

Rig Release Date:

6/14/07

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

SIGNATURE

TITLE

Engineer Assistant

DATE

3/4/11

Type or print name

Melanie Reyes

E-mail address: melanie.reyes@resacaexploitation.com

PHONE:

(432)580-8500

For State Use Only

APPROVED BY:

FOR RECORD ONLY

TITLE

DATE

MAR 17 2011

Conditions of Approval (if any):

COPI

## WELLBORE SCHEMATIC AND HISTORY

## CURRENT COMPLETION SCHEMATIC

LEASE NAME

Cooper Jal Unit

WELL NO.

229

STATUS: active

Oil

API#

30-025-09647

LOCATION: 1650 FNL &amp; 990 FWL, Sec 25, T - 24S, R - 36E, Lee County, New Mexico

SPUD DATE: TD 3700 KB 3,320' DF

INT. COMP. DATE: 05/31/47 PBTD 3182 GL 3,312'

## GEOLOGICAL DATA

ELECTRIC LOGS:

\*DST's taken at the following intervals:

2887 - 2935'	3199 - 3240'	3144 - 3200'	Open 30 min. Rec 20' of fluid (fluid description unknown)
3144 - 3200'	3239 - 3340'	3020 - 3200'	Open 1 hr. Rec 40' of fluid (fluid description unknown)
3020 - 3200'	3336 - 3360'	3199 - 3240'	Open 1 hr. - gas 6 minutes calc rate = 80 Mcfgpd also 510' mud
	3367 - 3700'	3239 - 3340'	Open 33 min. Rec 10' of mud
		3336 - 3360'	Open 1 hr. Rec 30' of mud
		3367 - 3700'	Open 1 hr. Rec 55' of mud
			Open 1 hr. Rec 160' of mud

HYDROCARBON BEARING ZONE DEPTH TOPS:

Yates @ 3020' 7-Rivers @ 3215' Queen @ 3595'

## CASING PROFILE

SURF. 10 3/4" - 40#, J-55 set @ 1014' Cmt'd w/250 sxs - TOC @ 230' from surf by calculation

PROD. 7" - 20#, J-55 set @ 2755' Cmt'd w/1027 sxs - TOC @ surface by calculation.

LINER 5 1/2" - 15.5#, J-55 csg. set from 2660 - 2960'. Liner set in Dow Plastic.

## CURRENT PERFORMANCE DATA

CSG. PERFS:

OPEN HOLE 2960 - 3170

04-Jun-07 Perfd Tansil f/ 2915'-2930', 2905'-2910', and 2880'-2900' w/ 3 jsfp, degree, 130 phasing.

## TUBING DETAIL

11/17/2010

## ROD DETAIL

11/18/2010

2656	83	2 3/8" J-55 4.7# 8rd tbg	14	1	1 1/4" x 22' PR w/7/8" pin
3	1	2 3/8" x 7" TAC	0	1	1 1/4" x 1 1/2" x 14' liner
448	14	2 3/8" J-55 4.7# 8rd tbg	24	4	4', 6', 8' - 7/8" KD Pony Rod
1	1	2 3/8" SN	1250	50	7/8" KD Rods
4	1	2 3/8" Perf Sub	1625	65	3/4" KD Rods
31	1	2 3/8" OEMAJ	75	3	7/8" KD Rods
3143			24	1	2" x 1 1/2" x 24' RWBC Pump w/6' Gas Anchor
			3012		

## WELL HISTORY SUMMARY

31-May-47 Well was originally drilled to 3700', DST'd, and P&amp;A'd.

1-Aug-50 RE-ENTRY: C/O OH from 2960 - 3170'. Shot OH interval 3020 - 3160' w/ 280 qts nitro. Set 5" liner from 2660 - 2960' L DOW plastic. D/O to 3170'. After re-entry: 82 bopd, 0 bwpd, &amp; 71 Mcfgpd (flowing)

1-Dec-62 Producing 21 bopd &amp; 831 Mcfgpd

17-Jun-65 Producing (flowing) 1 bopd, 0 bwpd, GOR=3000

3-May-68 Producing (pmp) 1 bopd, 0 bwpd, GOR=9000

26-Aug-75 Producing (pmp) 7 bopd &amp; 30 bwpd

14-Oct-75 C/O fill from 3038 - 3182' with 4 3/4" bit. Jet wash OH from 2960 - 3182'.

18-Oct-75 C/O fill from 3092 - 3182' (90').

13-Dec-75 Producing (pmp) 10 bopd &amp; 29 bwpd

20-Oct-76 Producing (pmp) 14 bopd &amp; 33 bwpd

1-Sep-77 Production ended. Well shut-in. Based on P/Dwights data base - well has been P&amp;A'd.

No well history past Oct - 76 was located in SDG Resources Engineering or Field Files in Odessa/Midland Offices.

Set CIBP @ 2820' on tbg. Dmp 35' of cmt on top of CIBP. PBTD @ 2785'. Flange up wellhead.

Well is TA'd effective 9-18-99.

**Note: There is no report showing when the CIBP was drilled out and the well re-activated.**

18-Apr-02 POOH with rods and pump. Leak in tubing. Pooh with tubing. RIH with 1 - IPC 2 3/8" plus 98 - 2 3/8" tubing. RIH with pump and rods. Layed down 10 bad 5/8" rods and 9 bad tubing joints.

05-Mar-03 Test tubing to 500 psi - okay! POOH w/104 5/8" rods &amp; pump. Changed out pump &amp; rod string. PWOP.

20-Jan-04 POOH w/ rods, pump, &amp; tbg. Hydrotest tbg in hole to 6000# - busted 17 jts (jt above SN had hole). PWOP.

21-Oct-04 POOH with rods, pump, and tubing. Hydrotest tubing in hole to 6000 psig - busted 19th, 6th, 3rd, and 1th joints. Set TAC w/ 16,000#. PWOP. Replaced 24 - 7/8" boxes due to wear.

20-Nov-06 POOH w/rods, pump, &amp; tubing. Hydrotest tubing in hole to 6000 psig - found hole on jt above SN. RIH w/Prod string. PWOP.

29-May-07 POOH w/ rods &amp; pump. POOH w/ tbg. RIH w/ 4 3/4" bit, tagged at 3034'. C/O to 3163'. Had 57' of fill the next day. Tagged at 3106', did not cleaned out. RIH with packer and set at 2610'. Pressure test casing to 500# - held. Perfd Tansil f/ 2915'-2930',

2905'-2910', and 2880'-2900' w/ 3 jsfp, degree, 130 phasing. Gray Wireline electric wireline line stranded. Fished and

recovered guns &amp; electric line. Set PKR @ 2808'. 8 hours stand-by due to Weatherford equipmten failure. Set PKR 2834'.

Attempt to Foam CO2 Acid Frac, communication to annulus occurred. Set pkr at 2560', communication to annulus occurred.

Hydrotest tubing in hole to 7000#, set pkr @ 2558'. CO2 Foam Acid Frac'd Tansil (2880'-2930') w/6500 gals NEFE acid + 70 Tons

CO2. Pavg= 2827 psig/SIP= 1082#. CION. Next day. SITP= 840#. Flowed CO2 &amp; 1% oil cut on 8/64" choke, 840# down to 300#.

Second day flow back: 12-16 BFPD 1%-5% oil cut. Third day flow back: well bled down. Hydrotest tbg in hole to 6000#, busted 3 jts.

RIH w/pump &amp; rods. PWOP.

17-Nov-10 POOH with rods pump (stuck) and tubing. Hydrotest tubing to 6000 psig - okay. RIH pump and rods, PWOP.

2880'-2900'

2905'-10'

2915'

2930'

Yates @ 3020'

OH Interval

2960 - 3170

Fill @ 3163'

7-R @ 3215'

Queen @ 3595'

Cmt plug  
3172 - 3700'

## Surface Csg

Hole Size: 13 in

Csg. Size: 10 3/4 in

Set @: 1014 ft

Sxs Cmt: 250

Circ: No

TOC @: 230 ft f/ surf

TOC by: calc

Hole Size: 9 7/8 in

Csg. Size: 7 in

Set @: 2755 ft

Sxs Cmt: 250

Circ: No

TOC @: surf

TOC by: calc.

## Production Liner

Hole Size: 6 3/4 in

Lnr Sz: 5 1/2"

Top: 2660 ft

Btm: 2960 ft

TOC @: unknown

Set in Dowell Plastic

PBTD: 3182 ft

TD: 3700 ft

OH IC 6 1/4 in

08/12/04 Note: Conflicting liner sizes (5" 15# &amp; 5 1/2" 15#) were filed with OCD on 8/31/50. However, during a workover in 10/15/75, a 4 3/4" bit was run inside the liner verifying that the liner is a 5 1/2" /liner.

PREPARED BY:

Larry S. Adams

Domingo Carrizales

UPDATED:

05-Jan-11