

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

RECEIVED

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 June 19, 2008

MAR 07 2011
NOBBSUCD
 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. 30-025-32855 ✓
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
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>D</u> : <u>825</u> feet from the <u>North</u> line and <u>330</u> feet from the <u>West</u> line Section <u>25</u> Township <u>24S</u> Range <u>36E</u> NMPM Lea County ✓		8. Well Number 415 ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3307' GL		9. OGRID Number 263848 ✓
		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 <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		Filing Delinquent Report to Update Records OTHER: Clean out, Perf and CO2 Foam Acid Frac <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.

- 1.) MIRU Pulling Unit and Above Ground Steel Pit; POOH w/ rods, pump and tubing. 4/11/07
- 2.) RIH w/ 4 3/4" Mill Tooth Bit and drill collars on 2 7/8" work string; tagged @ 3673'.
- 3.) Cleaned out to 3784' circulated clean; RIH w/ 5 1/2" AST Pkr @ set # 2994'; tested csg to 500 psi, held.
- 4.) Perf'd Queen f/ (3700'-03', 3714'-16', 3724'-27', 3736'-40', 3752'-55', 3774'-78'); Upper 7Rivers f/ (3508'-15'); Yates f/ (3136'-3140, 3164'-3167', 3173'-3177', 3222'-3226', 3234'-3240', 3302'-3305').
- 5.) CO2 Foam Acid Frac Langlie Mattix Perfs (3508'-3778') w/ 160 bbls 15% NEFE Acid plus 44 Tons CO2, diverted w/ 6000# rock salt;
- 6.) CO2 Foam Acid Frac Jalmat Perfs (3302'-3378') w/ 262 bbls 15% NEFE Acid plus 131 Tons CO2, diverted w/ 9000# rock salt;
- 7.) 1st Day- flow test for 9 hrs, 29 bbls fluid w/ show of oil & gas; 2nd Day - flow test for 9 hrs, 38 bbls fluid w/ 5% oil cut & gas show; 3rd Day- killed well.
- 8.) POOH w/ frac tbg. and packer; RIH w/ production string.
- 9.) RDMO Pulling Unit, clean location, clean and dispose of pit fluids. 4/24/07

Spud Date: 4/11/07 Rig Release Date: 4/24/07

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):

cert

WELLBORE SCHEMATIC AND HISTORY

<p>CURRENT COMPLETION SCHEMATIC</p> <p>Surface Csg Hole Size: 8 5/8 in Csg. Size: 8 5/8 in Set @: 420 ft Sxs Cmt: 250 Circ: Yes TOC @: surf TOC by: circ</p> <p>Production Csg. Hole Size: 7 7/8 in Csg. Size: 5 1/2 in Set @: 3825 ft Sxs Cmt: 725 Circ: Yes TOC @: 1150 ftsurf TOC by: TS</p> <p>New Perfs</p> <p>PBTD: 3784 ft TD: 3825 ft</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">LEASE NAME Cooper Jal Unit</td> <td style="text-align: right;">WELL NO 415</td> </tr> <tr> <td colspan="2">STATUS: Active</td> <td>Oil</td> </tr> <tr> <td colspan="3">LOCATION: 825 FNL & 330 FWL, Sec 25, T-24S, R-36E, Lee County, New Mexico</td> </tr> <tr> <td>SPUD DATE: 05/31/95</td> <td>TD: 3825</td> <td>KB: 3,322'</td> </tr> <tr> <td>INT. COMP. 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11-Apr-07 POOH w/ rods, pump & rods. RIH w/ 4 3/4" Mill Tooth bit, on 2 7/8" work string. Tagged at 3673'. C/O to 3730'. Circ'd formation sa scale, iron sulfite & metal. C/O 1/3725' to 3784', recovered formation sand, scale iron sulfite, BS & metal. RIH with 5 1/2" AST PKI set at 2994', test casing to 500# - okay. Perf'd Queen 1/3774-78', 3752-55', 3736-40', 3724-27', 14'-16' & 3700'-03'; Perf'd Upp 7-Rivers 1/3508-15', Perf'd Yates 1/3302-05', 34'-40', 3222-26', 3173-77', 64'-67' & 36'-40', 50 feet, 150 holes. CO2 Foam Acid Frac the Langlie Mattix (3508'-3778') w/ 160 bbls 15% NEFE acid + 44 Tons CO2 diverted w/ 6000# rock salt. AIR= 13.6 BPM. Pmax= 5001#, Pavg= 3438'. ISIP= 471#. CO2 Foam Acid Frac Jalmat (3302'-3378') w/ 262 bbls 15% NEFE acid + 131 Tons CO2 diverted w/ 9000# RS. AIR= 18.3 bpm. Pmax= 5090#. Pavg= 4151#. ISIP= 823#. Next day SITP= 700# psig. Flow test for 9 hours: 29 bbls, show of oil and gas. FTP= 525#. SION. Next day SITP= 700#. Flow test for 9 hours: 38 bbls fluid w/ 5% oil cut zz7 gas show. Ending FTP= 100#. SION. Next day, killed well. POOH w/ frac tubing & PKR. RIH Prod string. PWOP.																																																																																																																																										
05-Jun-09 POOH w/ rods, pump & tubing. RIH w/ Gray Wireline Tag Bar. Tagged @ 3784'. RIH with Pressure Gradient Tool, took reading ev 500'. Hydrotest tubing in hole to 7000#. RIH with pump and rods. Pressure @ 3,000' = 316 psig. PWOP.																																																																																																																																										
19-Aug-10 POOH with fods, pump and tubing. Hydrotest tubing to 7,000 psig - found hole on joint above SN and collar leak on 10th joint. RIH with pump and rods. Load tubing with 13 bbls water and test pump to 500 psig - good pump action. PWOP.																																																																																																																																										