

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS
MAY 15 2012

FORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No
NM 12642 LC063965
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well
 Oil Well Gas Well Other Injector

7. If Unit of CA/Agreement, Name and/or No.
Cooper Jal Unit- NM 070926X

2. Name of Operator
Resaca Operating Company

8. Well Name and No
Cooper Jal Unit #213

3a. Address
1331 Lamar Street, Suite 1450
Houston, TX 77010

3b. Phone No (include area code)
(432) 580-8500

9. API Well No.
30-025-09623

10. Field and Pool or Exploratory Area
Jalmat; T-Y-7R/ Langlie Mattix; 7R-Q-G

4. Location of Well (Footage, Sec, T, R, M., or Survey Description)
180' FSL & 662' FEL, Sec 24, T-24S, R-36E, Unit Letter I

11. Country or Parish, State
Lea County, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Re-Enter P&A well,</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Run MIT & Put well on</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>DHC Injection WFX-888</u>

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Objective: Re-Enter P&A'd well, drill out cement plugs & CIBP; Put back on injection, injecting into OH 3003'-3600' into Jalmat & Langlie Mattix Pools.

- MIRU PU, NU BOP, MI Reverse Unit & Above Ground Steel Pit (12/29/11);
- RIH w/ 4 3/4" Bit & drilled out surf. cement plug to 800 feet in 12 days.
- RIH w/ new 4 3/4" Bit & drilled 2nd cement plug f/ 1027'-1365' in 2 days.
- Drilled 3rd plug f/ 2205'-2450' & 4th plug f/ 2924' to top of CIBP @ 2960'.
- Drilled on CIBP and pushed to 3242'; Drilled CIBP & 5' of new formation.
- Drilled formation w/ 4 3/4" Button Bit f/ 3247'-3433'.
- RIH w/ 4 3/4" Milled Tooth Bit f/ 3438' to new TD @ 3600'; Logged well w/ GR-CCL & Csg Injection Log.
- Set Composite Plug @ 2958' & tested to 800 psig, tested good; RIH w/ 4 1/2" 14# J-55 Liner to 2957', pumped 50 sacks, waited on cement.
- Pumped 100 sacks Class C cement; Circulated 29 sacks, 7 barrels cement to pit.
- RIH w/ 3 7/8" Bit & drilled float collar, float shoe & composite plug; tagged @ 3600'.
- RIH w/ 4 1/2" Arrow Set Packer on 2 3/8" IPC, ND BOP, circulated packer fluid, & set Packer @ 2932' (Top OH- 3003').
- Ran MIT, pressure tested to 540 psig on chart recorder for 30 min., test good (witnessed & signed by Mark Whitaker NMOCD) 2/14/12
- RU Service Company & acidized OH f/ 3003'-3600' w/ 18,000 gals 15% Star Acid (90% acid, 10% Xylene) & 20,000# coarse rock salt.
- RDMO Pulling Unit, cleaned location, cleaned & disposed of pit fluids. Put well on DHC Injection into Jalmat & Langlie Mattix Pools. 2/14/12

See Attached For
Conditions of Acceptance

**SUBJECT TO LIKE
APPROVAL BY STATE**

14. I hereby certify that the foregoing is true and correct Name (Printed Type)

Melanie Reyes

Title Engineer Assistant

Signature

Date 03/09/2012

ACCEPTED FOR RECORD
MAY 11 2012
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U S C Section 1001 and Title 43 U S C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

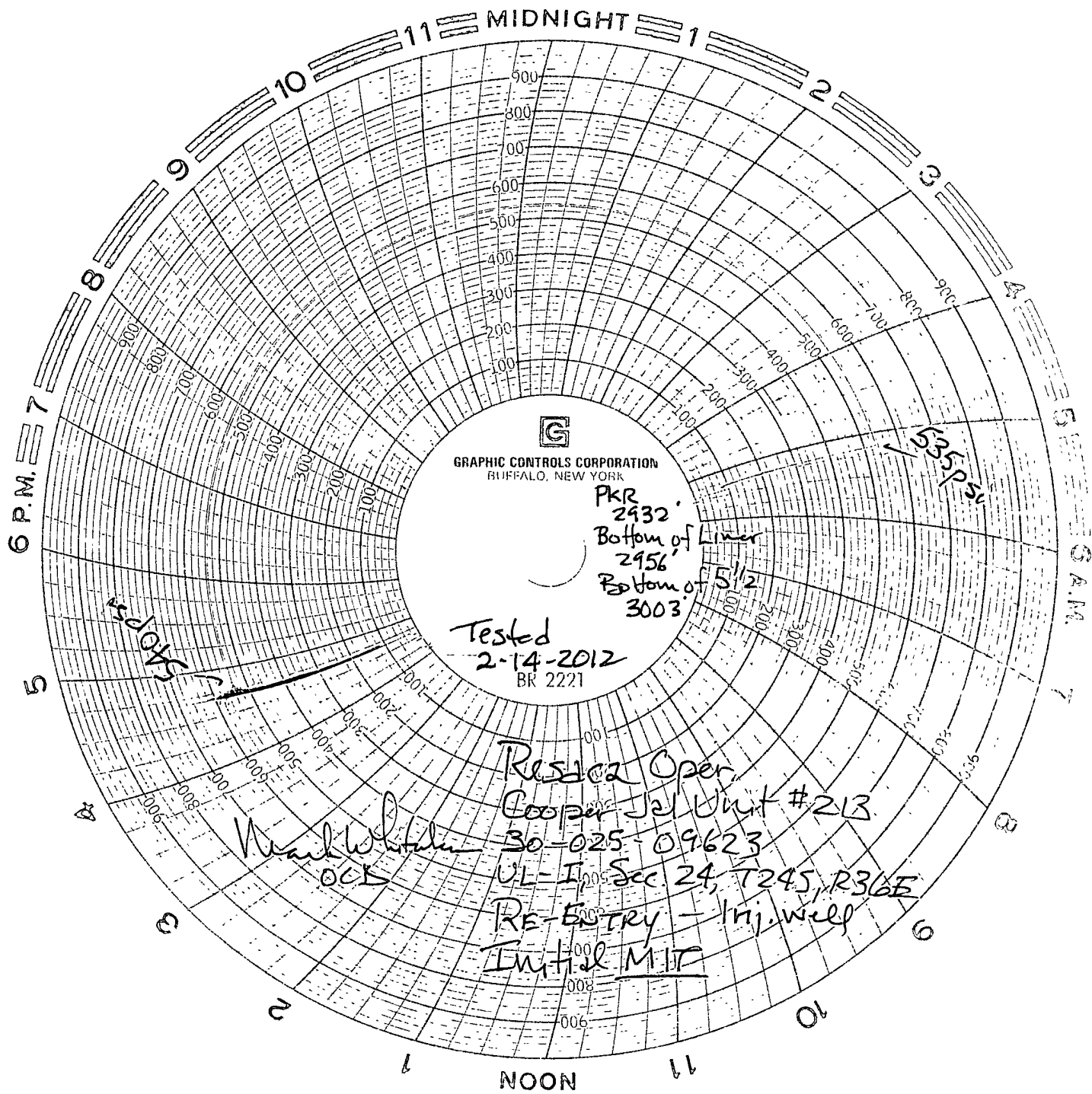
WFX-888

**SUBJECT TO LIKE
APPROVAL BY STATE**

MAY 21 2012

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC	LEASE NAME	WELL NO																																				
	Cooper Jal Unit	213 WIW																																				
	STATUS P&A'd (4-20-95) Water Injector	API# 30-025-09623																																				
	LOCATION 1980 FSL & 680 FEL, Sec 24, T - 24S, R - 36E, Lee County, New Mexico																																					
	SPUD DATE TD 3600 KB 3,311' DF																																					
	INT COMP DATE 03/16/50 PBTD 3600 GL 3,306'																																					
<p>Surface Csg Hole Size 11 in Csg Size 8 5/8 in Set @ 302 ft Sxs Cmt 125 Circ Yes TOC @ surf TOC by circ</p> <p>Holes in csg 389 - 460'</p> <p>cmt sqz'd</p> <p>Holes in csg 689 - 750'</p> <p>Csg Lk at 800'</p> <p>TOC @ 895' By Calc</p> <p>DV Tool at 1,224'</p> <p>Liner Hole Size 5 in Lin Size 4 1/2 in Set @ 2957 ft Sxs Cmt 100 Circ Yes TOC @ Surf f/surf. TOC by Circ</p> <p>Production Csg. Hole Size 7 7/8 in Csg Size 5 1/2 in Set @ 3003 ft Sxs Cmt 400 Circ No TOC @ 895 f/surf TOC by calc</p> <p>PBTD 3600 ft TD 3600 ft</p> <p align="center">OH ID 375"</p>	<p align="center">ELECTRIC LOGS.</p> <p>GR-N (3-13-50 Lane Wells) Casing Inspection Log (10-7-94 Halliburton)</p> <p align="center">HYDROCARBON BEARING ZONE DEPTH TOPS.</p> <p align="center">Yates @ 3003' 7-Rivers @ 3228' Queen @ 3590'</p> <p align="center">CASING PROFILE</p> <p>SURF 8 5/8" - 29 75# J-55 set@ 302' Cmt'd w/125 sxs - circ cmt to surface</p> <p>PROD 5 1/2" - 14#, J-55 set@ 3003' Cmt'd w/400 sxs - TOC @ 895' from surface by calculation</p> <p>LINER 4 1/2" - 14# J-55 set at 2,957' Cmt'd with 100 sx - TOC at Surf by circulation</p> <p align="center">CURRENT PERFORMANCE DATA</p> <p>CSG PERFS OPEN HOLE</p> <p align="right">3003 - 3600'</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th align="left" colspan="2">Liner DETAIL</th> <th align="left" colspan="2">Tubing DETAIL</th> <th align="right" colspan="2">2/10/2012</th> </tr> </thead> <tbody> <tr> <td align="right">2922</td> <td align="right">87</td> <td align="left">4 1/2" 11 6# SJ Thread</td> <td align="right">6</td> <td align="right">1</td> <td>2 3/8" J-55 4 7# EUE 8rd IPC Sub</td> </tr> <tr> <td align="right">2</td> <td align="right">1</td> <td align="left">4 1/2" Float Collar</td> <td align="right">2930</td> <td align="right">92</td> <td>2 3/8" J-55 4 7# EUE 8rd IPC Tubing</td> </tr> <tr> <td align="right">31</td> <td align="right">1</td> <td align="left">4 1/2" 11 6# SJ Thread</td> <td align="right">3</td> <td align="right">1</td> <td>4 1/2" x 2 3/8" Arrow Set Nickle Platted</td> </tr> <tr> <td align="right">2</td> <td align="right">1</td> <td align="left">4 1/2" Float Shoe</td> <td align="right">2939</td> <td></td> <td>w/ On-Off Tool & w/ 1 7/8 F Profile</td> </tr> <tr> <td align="right">2957</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Liner DETAIL		Tubing DETAIL		2/10/2012		2922	87	4 1/2" 11 6# SJ Thread	6	1	2 3/8" J-55 4 7# EUE 8rd IPC Sub	2	1	4 1/2" Float Collar	2930	92	2 3/8" J-55 4 7# EUE 8rd IPC Tubing	31	1	4 1/2" 11 6# SJ Thread	3	1	4 1/2" x 2 3/8" Arrow Set Nickle Platted	2	1	4 1/2" Float Shoe	2939		w/ On-Off Tool & w/ 1 7/8 F Profile	2957						<p align="center">WELL HISTORY SUMMARY</p> <p>16-Mar-50 Initial completion 3003 - 3220' (Yates OH) No stimulation IP=66 bopd, 0 bwpd, & 76 Mcfgpd. (flowing)</p> <p>11-Nov-54 C/O fill to 3220'</p> <p>14-Aug-56 C/O fill to 3220'</p> <p>17-Jul-66 C/O fill to 3220'</p> <p>07-May-71 CONVERTED TO INJECTOR C/O various bridges from 3096 - 3220'</p> <p>17-Jul-87 C/O various bridges f/ 3096 - 3195' & fill (FeSO4, CaCO3 & Formation) f/ 3205 - 3220' Returned to injection at 850 bwpd with TP=880 psi.</p> <p>14-Jan-89 Replaced tubing with new cement lined tubing string Returned to injection</p> <p>26-Sep-94 Isolated 5 1/2" csg leak f/389'-421'. Cmt sqz'd csg leak w/ 150 sxs circulating cmt out 5 1/2" x 8 5/8" annulus D/O & casing Bad tst Spot 50 sxs cmt across 389'-421' & sqz to 800 psi WOC D/O & tst csg Bad tst Ran Casing inspection log which showed holes in casing f/ 400 - 446', 492 - 498', & possible csg part 1225'-1230' Attempt to cmt SQZ'd casing w/ 60 sxs cmt D/O & tst csg Bad test Set CIBP @ 2,960' on W/L Dumped 50' cmt on top of CIBP. WOC Tag TOC @ 2912'. TA'd well.</p> <p>18-Apr-95 Circ well w/ gelled brine Spot 25 sxs cmt from 2400 - 2200' WOC. Tagged TOC @ 2160' Spot 35 sxs cmt from 1350' - 1013'. Spot 90 sxs cmt from 800' to surface Cut off wellhead & cap casing Installed Dry hole marker & cleaned location. NMOCD notified - well P&A'd 4-20-1995.</p> <p>29-Dec-11 Drilled surface cement plug with 4 3/4" bit to 800 feet in 12 days. Press test Csg - failed Drilled 2nd plug from 1,027' to 1,365' in 2 days Drilled 3rd plug from 2,205' to 2,450'. Drilled 4th plug from 2,924' to top CIBP @ 2,960' Drilled on CIBP and pushed to 3242' Drilled CIBP and 5' of new formation Drilled formation w/ 4 3/4" button bit from 3,247' to 3,433 in 5 days Drilled w/ new 4 3/4" Milled Tooth bit f/ 3,438' to new TD 3,600' in 6 days Logged well w/ GR-CCL & Csg Inspection Log. Set Composite Plug @ 2,958'. Test plug to 800 psig - good RIH with 4 1/2" Liner to 2,957'. Pumped 50 sx - stop to mixer Waited on cement Pumped 100 sx Class C. Circulated 29 sxs, 7 bbis cmt to reverse pit RIH with 3 7/8" bit Drilled Floor Collar, float shoe and Comp. Plug - tagged at 3,600' RIH with 4 1/2" Arrow Set on 2 3/8" IPC at 2,931'. Performed MIT to 500# - okay Acidized open hole with 18,000 gals 15% Star Acid (90% acid, 10% xylene) AIR= 5 8 bpm ISIP= 1020# Pmax= 2,921#</p> <p>PKR @ 2,931'</p> <p>Shoe @ 2957'</p> <p>Yates @ 3003'</p> <p>Shoe @ 3003'</p> <p>OH Interval 3003 - 3600'</p> <p>7-R @ 3228'</p> <p>Queen @ 3590'</p>
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		Larry S. Adams	15-Feb-12																																			
		Domingo Carrizales																																				



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

PKR
2932
Bottom of Limer
2956
Bottom of 5 1/2
3003

Tested
2-14-2012
BR 2221

Res 102 Oper
Cooper Jd Unit #213
30-025-09623
UL- I, Sec 24, T245, R36E
RE-ENTRY - 1Hj. well
Initial M.I.T.

Mark White
OCS

535 PSI

Conditions of Acceptance

Cooper Jal Unit 213

30-025-09623

Resaca Operating Company

May 11, 2012

COMPLETION OPERATIONS REQUIREMENTS

1. Note to Operator: **Operator did not follow approved Condition Of Approval to Re-Enter this well.**
 - a. **The required witness of the conducted mechanical integrity test by the BLM was not done.**
 - b. **A required NOI sundry to repair casing was not submitted to the BLM to get prior approval**
 - c. **An unapproved substandard liner was run and cemented to repair production casing – Per Onshore Oil and Gas Order #2(b) – Casing collars shall have a minimum clearance of 0.422 inches on all sides in the hole/casing annulus**

2. **Operator to comply to Written Order to be submitted under separate letterhead**

3. Compliance with a NMOCD Administrative Order is required, submit documentation of that authorization.
 - a. Approved injection pressure compliance is required.
 - b. If injection pressure exceeds the approved pressure you are required to reduce that pressure and notify the BLM within 24 hours.
 - c. When injection pressure is within 50 psig of the maximum pressure, install automation equipment that will prevent exceeding that maximum and submit a subsequent report.

4. **The casing/tubing annulus is required to be monitored for communication with injection fluid or loss of casing integrity.**

5. The annulus is to be maintained full of packer fluid. A BLM inspector may request verification of this fluid level at any time.