

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

OCD Hobbs
HOBBS **OCD**

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.

DEC 10 2012

SUBMIT IN TRIPLICATE – Other instructions on page 2.

RECEIVED

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Injector		5. Lease Serial No. LC- 063965	6. If Indian, Allottee or Tribe Name
2. Name of Operator Resaca Operating Company		7. If Unit of CA/Agreement, Name and/or No. Cooper Jal Unit- NM 070926X	8. Well Name and No. Cooper Jal Unit #213
3a. Address 1331 Lamar Street, Suite 1450 Houston, TX	3b. Phone No. (include area code) (432) 580-8500	9. API Well No. 30-025-09623	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' FSL & 662' FEL, Sec. 24, T-24S, R-36E, Unit Letter I		10. Field and Pool or Exploratory Area Jalmat; T-Y-7R/ Langlie Mattix; 7R-Q-G	
		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 checked="" 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 type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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: This well is an injector completed in Jalmat & Langlie Mattix Pools. A mechanical integrity test was performed on 08/07/2012.

- 1.) Notified BLM/OCD of impending mechanical integrity test.
 - 2.) Called out transport truck to location.
 - 3.) Hooked up truck to annulus, pressured up & ran mechanical integrity test; Tubing- 600 psig, Casing- 390 psig.
 - 4.) Pulled chart for BLM.
- *Test witnessed & signed by BLM Representative Paul Swartz.

*Accept for record
DEC 10 2012 [Signature]*

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Melanie Reyes		Title Engineer Assistant
Signature 		Date 08/09/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

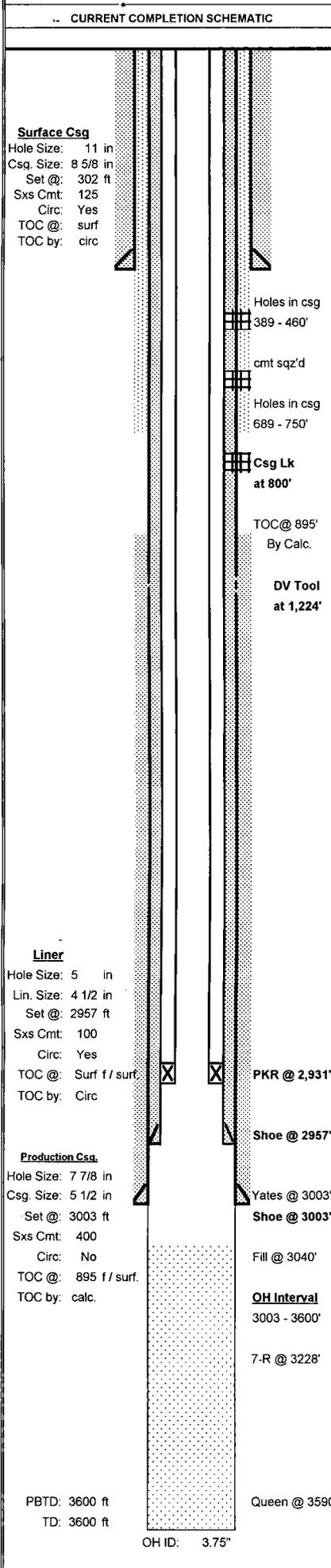
ACCEPTED FOR RECORD
Date **DEC 6 2012**
Denmby Mason
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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. <i>DEC 10 2012</i>	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.

DEC 10 2012

WELLBORE SCHEMATIC AND HISTORY



LEASE NAME Cooper Jal Unit		WELL NO. 213 WIW	
STATUS: P&A'd (4-20-95) Water Injector		API# 30-025-09623	
LOCATION: 1980 FSL & 660 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'
ELECTRIC LOGS:		GEOLOGICAL DATA	
GR-N (3-13-50 Lane Wells) Casing Inspection Log (10-7-94 Halliburton)		CORES, DST'S, or MUD LOGS:	
HYDROCARBON BEARING ZONE DEPTH TOPS:			
Yates @ 3003'		7-Rivers @ 3228'	
Queen @ 3590'			
CASING PROFILE			
SURF.	8 5/8" - 29.75#, J-55 set @ 302' Cmt'd w/125 sxs - circ cmt to surface.		
PROD.	5 1/2" - 14#, J-55 set @ 3003' Cmt'd w/400 sxs - TOC @ 895' from surface by calculation.		
LINER	4 1/2" - 14# J-55 set at 2,957'. Cmt'd with 100 sx - TOC at Surf by circulation		
CURRENT PERFORATION DATA			
CSG. PERFS:	OPEN HOLE : 3003 - 3600'		
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/ 1.78 F Profile
2957			
WELL HISTORY SUMMARY			
16-Mar-50	Initial completion 3003 - 3220' (Yates OH): No stimulation. IP=66 bopd, 0 bwpd, & 76 Mcfgpd. (flowing)		
11-Nov-54	C/O fill to 3220'		
14-Aug-56	C/O fill to 3220'		
17-Jul-66	C/O fill to 3220'		
07-May-71	CONVERTED TO INJECTOR: C/O various bridges from 3096 - 3220'		
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.		
14-Jan-89	Replaced tubing with new cement lined tubing string. Returned to injection.		
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 WL. Dumped 50' cmt on top of CIBP. WOC. Tag TOC @ 2912'. TA'd well.		
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.		
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 bbls 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#.		
14-Jun-12	Tagged fill @ 3040' with 1 3/8" sinker bar rod tool.		

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GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

