

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

HOBBS OGD State of New Mexico
Energy, Minerals and Natural Resources
JUN 12 2013
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
RECEIVED Santa Fe, NM 87505

Form C-103
June 19, 2008

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. 30-025-09651
1. Type of Well: Oil Well ☐ Gas Well ☐ Other ☒ Injector		5. Indicate Type of Lease STATE ☐ FEE ☒
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 A : 330 feet from the North line and 330 feet from the East line Section 25 Township 24S Range 36E NMPM Lea County		8. Well Number 226
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3287' 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 ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

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

OTHER: ☐

OTHER: Ran MIT & Place Well back on Injection ☒

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. 5/23/13
- 2.) POOH w/ 2 3/8" tubing and 5 1/2" x 2 3/8" Baker Model Ad-1 Tension Packer
- 3.) RIH w/ 4 1/4" Swage & 8- 3 1/2" Drill Collars on 2 7/8" work string.
- 4.) Swaged to 1350'. Hydrotested tubing, okay.
- 5.) RIH w/ 5 1/2" x 2 3/8" Baker Model AD-1 Tension Packer; ND BOP, NU wellhead; circulated annulus with inhibited packer fluid.
- 6.) Set Packer @ 2930' Top OH @ 2989'; Ran Preliminary MIT, tested annulus to 550 psig for 30 minutes; okay.
- 7.) RDMO Pulling Unit, clean location, put well on injection. 5/28/13
- 8.) Ran Post Work Over MIT, test good; Pulled Chart for NMOCD (witnessed & signed by Mark Whitaker w/ NMOCD). 5/29/13

Spud Date:

Rig Release Date:

5/29/13

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

SIGNATURE

TITLE

Engineer Assistant

DATE

6/11/13

Type or print name Melanie Reyes

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

For State Use Only

APPROVED BY:

TITLE

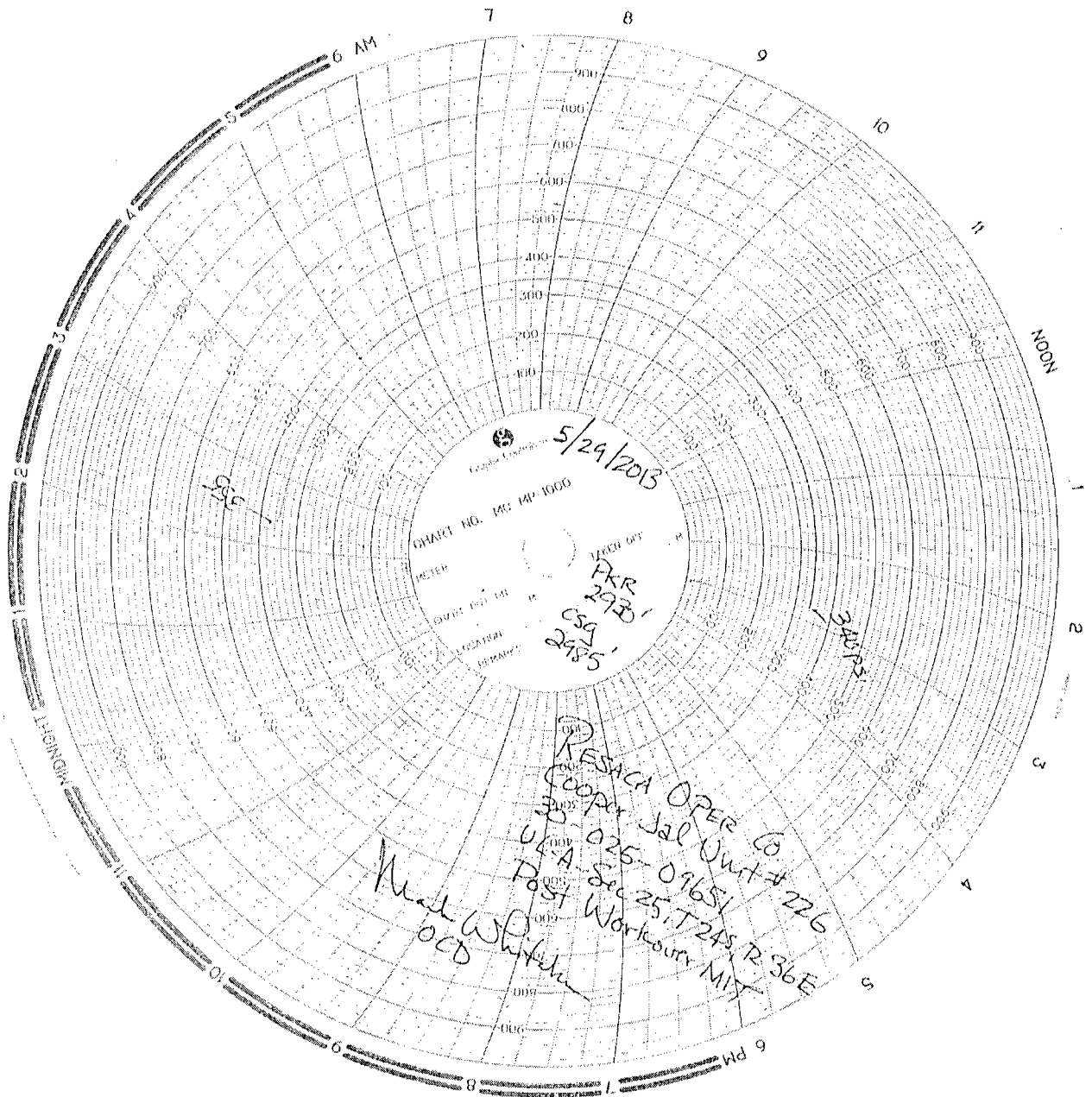
DATE

Conditions of Approval (if any):

JUN 17 2013

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC		LEASE NAME		Cooper Jal Unit		WELL NO		226 WIW	
		STATUS:		Active		Water Injector		API#	
		LOCATION:		330 FNL & 330 FEL, Sec 25, T - 24S, R - 30E, Lea County, New Mexico					
		SPUD DATE:		TD		KB		3,297'	
		INT. COMP. DATE:		05/16/90		PBTD		3600'	
						GL		3,287'	
Surface Casg Hole Size: 11 in. Casg. Size: 8 5/8 in. Set @: 310 R Sxs Cmt: 100 Circ: Yes TOC @: surf TOC by: circ		TOC @ 80'		ELECTRIC LOGS: Ejecio Log Tracer - MicroCaliper (11-9-76 Cardinal Surveys Co.)		GEOLOGICAL DATA CONES, DIPS, & MUD LOGS:			
				HYDROCARBON DEATH ZONE DEPTHS: Yates @ 2985' 7-Rivers @ 3200' Queen @ 3560'					
Casg Swagged at 337'				CASING PROFILE SURF. 8 5/8" - 28#, J-55 set@ 310' Cmt'd w/100 sxs - circ cmt to surf. PROD. 5 1/2" - 15#, J-55 set@ 2989' Cmt'd w/200 sxs - TOC @ 1935' // surf by calc. DV tool @ 1137' - pmp 200 sxs - LINER None 5 1/2" - TOC @ 80' // surf by calc.					
				CURRENT PERFORATION DATA CSO PERFS: 2989'-3600'					
				TUBING DETAIL 9/6/2012 2911.00 92 2 3/8" IPC J-55, 4 7# 5 1/2" x 2 3/8" Baker Model AD-1 pkr 2911.0					
				ROD DETAIL 2989'-3600'					
481' 515' 1064' DV Tool @ 1137' 1287'									
TOC @ 1935' By Calc.				WELL HISTORY SUMMARY 18-May-50 IC interval: (Yates OH) 2089 - 3223': No stimulation. IP = 88 bopd, 0 bwopd, & 125 Mcf/gpd (flowing) 29-Dec-68 C/O fill from 3156 - 3214' (58') 8-Apr-69 C/O fill from 3140 - 3214' (74') 20-May-71 CONVERTED TO WATER INJECTOR . C/O from 3190 - 3223 (33'). Swedged out 5 1/2" csg at 337', 481', 515', 1064' & 1287'. Ran pkr on 2 3/8" CL tbg. Set pkr @ 2933'. 9-Nov-76 Ran injection profile - had 220' of fill. Identified 100% injection below 3003'. 24-Nov-76 C/O fill from 3003 - 3223' (223'). Jet washed from 3223 - 2989'. Encountered tight spot in 5 1/2" csg @ 1287'. 12-Feb-90 C/O fill to 3,223'. 01-Oct-93 Administrative Order No. WFX-648. Approved Division Order No. R-4019 & R-4020 for Waterflood Expansion. 15-Jun-95 Deepen to 3600' . Acid'd OH (2989 - 600') w/ 5,000 gals 15% NEFF HCL. Returned well to injection (DHC - Jalmat & Langille Mattix). Max surface injection pressure = 597 psi. 17-Oct-00 Set CIBP @ 2960' . Tst CIBP & csg to 590 psi. OK. Displace well with pkr fluid. Dmp 35' cmt on top of CIBP @ 2,960'. PBTD at 2925'. NMOCOD representative on location. RD & clean location. Well TA'd 10-20-2000. 23-Aug-04 RIH w/ 4 3/4" bit and 6 - 3 1/8" drill collars on 2 7/8" work string. Drilled out cement & CIBP at 2960'. Cleaned open hole to 3240'. RIH w/ 5 1/2" x 2 3/8" IPC Baker Model AD-1 pkr. Hydrotest tbg to 6,000#. Landed PKR at 2913', circ'd 80 bbls of fresh water plus 10 gallons of packer fluid. Set PKR & test annulus to 520 psig for 30 minutes - head. Pulled chart for NMOCOD. NMOCOD Rep witnessed the MIT. Injection: 300 BWPD at 120 psig. Status change // Inactive to Active Injector. RIH with 1 1/4" x 5" sinker bar and tagged at 3,095'. 8-Nov-05 16-Jan-09 Test csg to 500 psig - okay. POOH w/ IPC tbg & PKR. RIH w/ 4 3/4" bit & drill collars, tagged @ 3,068'. Drilled formation // 3241' to 3570' in 5 days. Left 3 cones & 2 shanks of 4 3/4" button bit. Could not recover w/ magnet. RIH with 5 1/2" PKR on 2 3/8" IPC tubing (Hydrotest to 5,000#). MIT to 500 psig for 30 min. Pulled chart for OCD. Prior Rate/Press: 120 BWPD @ 380#. After Rate/Press: 350 BWPD @ 550#. 24-Sep-09 RU Gray WL. RIH Logging Tool - tagged 3,560'. Ran injection profile. RD WL. Rate/Press: 563 BWPD @ 700 PSIG. 11-Apr-11 POOH with injection string. Cleaned out from 3,066' to 3,564' with 4 3/4" bit. Acidized with 22,000 gals 15% 90/10 Acid/xylene. AIR= 6.4 bpm. Pavq= 1144 psig, Pmax= 1351 psig. ISIP= 1274 psig. Hydrotest injection string to 5,000 psig. PKR @ 2913'. 29-Aug-12 POOH with injection string. Cleaned out // 3,036' to 3,554' with 4 3/4" bit. RIH with Caliper Tool, tagged at 3,070'. Could not work through. RIH with 4 3/4" bit, worked through @ 3,050', 3,060', 3,074', 3,092', 3,120', 3,146' and 3,554'. RIH with Caliper Tool, logged from 3,552'-2,989'. Ran CN/GR log from 3,542' to 2,989'. RIH with injection string W/O PKR.					
Production Casg Hole Size: 7 7/8 in. Casg. Size: 5 1/2 in. Set @: 2989 R Sxs Cmt: 250 Circ: No TOC @: 80 // surf, TOC by: calc 3050' 3060' 3074' 3092' 3120' 3146'		Yates @ 2985' Jalmat OH Interval 2989'-3600' 7-R @ 3200' Queen @ 3560' 3,240' Langille Mattix Tagged @ 3554' Queen @ 3560' TOF @ 3560' Bit Cones and shanks.							
PBTD: 3600 R TD: 3600 R OH ID: 4 3/4 in									
				PREPARED BY:		Larry S. Adams Domingo Carizales		UPDATED:	
								13-Sep-12	



HOBBS OCD

JUN 12 2013

RECEIVED