

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 87401
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

APR 07 2011

HOBSOCD

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. 30-025-32218 ✓
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input 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 1331 Lamar St., Ste. 1450 Houston, TX 77010		7. Lease Name or Unit Agreement Name Cooper Jal Unit ✓
4. Well Location Unit Letter <u>B</u> : <u>510</u> feet from the <u>North</u> line and <u>2310</u> feet from the <u>East</u> line Section <u>24</u> Township <u>24S</u> Range <u>36E</u> NMPM Lea County		8. Well Number <u>404</u> ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3314' GR		9. OGRID Number <u>263848</u> ✓
		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: Clean Out and Foam Sand Frac ☒

OTHER: ☐

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; NU BOP; POOH w/ rods and tubing.
- 2.) RIH w/ 4 3/4" Bit and drill collars on 2 7/8" work string.
- 3.) Clean out to TD @ 3750'.
- 4.) RU Service Company & prep to fracture stimulate well down 4 1/2" work string.
- 5.) Foam Sand Frac Perfs 3013'-3655' w/ approximately 105,000#'s 16/30 Brady Brown Sand & 105,000#'s 16/30 resin coated Brady Brown Sand plus 1.71 MMCF Nitrogen, diverting with 130 ball sealers.
- 6.) RD Service Company. Install adjustable choke manifold w/ pressure gauge. Flow back well & clean up well, monitoring pressure and sand production until pressure depletes.
- 7.) POOH w/ 2 7/8" work string and lay down packer; clean out frac sand down to 3750'.
- 10.) RIH w/ 2 7/8" tubing. RIH w/ pump and rods.
- 11.) RDMO Pulling Unit, clean location, clean and dispose of pit fluids.

Spud Date:

Rig Release Date:

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

SIGNATURE Melanie Reyes TITLE Engineer Assistant DATE 4/5/11

Type or print name Melanie Reyes E-mail address: melanie.reyes@resacaexploitation.com PHONE: (432)580-8500

For State Use Only

APPROVED BY [Signature] TITLE STATE MAR DATE 4-11-2011

Conditions of Approval (if any):

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC		LEASE NAME Cooper Jal Unit		WELL NO. 404																																																																	
Surface Csg Hole Size: 12 1/4 in Csg. Size: 8 5/8 in Set @: 1180 ft Sxs Cmtl: 600 Circ: Yes TOC @: surf TOC by: circ		STATUS: Active Oil		API# 30-025-32218																																																																	
		LOCATION: 510 FNL & 2310 FEL, Sec 24, T - 24S, R - 36E, Lee County, New Mexico																																																																			
		SPUD DATE: 10/16/93 TD 3750		KB 3,325' DF																																																																	
		INT. COMP. DATE: 01/22/94 PBTD 3692		GL 3,314'																																																																	
		ELECTRIC LOGS		GEOLOGICAL DATA																																																																	
		GR-DLL-MSFL (10-21-93 Halliburton)		CORES, DST'S or MUD LOGS:																																																																	
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		HYDROCARBON BEARING ZONE DEPTH TOPS:																																																																			
		Yates @ 3005' 7-Rivers @ 3223' Queen @ 3590'																																																																			
		CASING PROFILE																																																																			
		SURF. 8 5/8" - 24#, WC-50, ST&C set@ 1180'. Cmt'd w/600 sxs - circ cmt to surface.																																																																			
		PROD. 5 1/2" - 15.5#, WC-50, LT&C set@ 3750'. Cmt'd w/925 sxs - circ cmt to surface.																																																																			
		LINER. None																																																																			
		CURRENT PERFORATION DATA																																																																			
		CSG PERFS: 27-Oct-93 PERF'D Jalmat f/ 3013 - 16', 3018 - 24', 3029 - 41', 3049 - 69', 3083 - 94', 3104'-06', 3109'-13', 3115'-22', 3131'-38', 3142'-45', 3167 - 71', 3204 - 13', 3219 - 22', 3272 - 79' w/ 2 jpf (196 holes total) 27-Oct-93 Perf'd Langlie Mattix f/ 3423 - 29', 3454 - 59', 3485 - 88', 3502 - 05', 3511 - 15', 3557'-60', 3591'-96', 3649'-55', w/ 2 JHPF (70 holes total)																																																																			
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: left;">TUBING DETAIL</th> <th colspan="2" style="text-align: left;">ROD DETAIL</th> <th colspan="2" style="text-align: left;">08/17/20</th> </tr> </thead> <tbody> <tr> <td>Length (ft)</td> <td>Detail</td> <td>Length (ft)</td> <td>Detail</td> <td></td> <td></td> </tr> <tr> <td>0</td> <td>KB</td> <td>18</td> <td>1</td> <td>26' x 1 1/4" polish rod w/ 7/8" pin</td> <td></td> </tr> <tr> <td>3008</td> <td>94 2 7/8" 6.5#, J-55, 8rd EUE tbg.</td> <td>0</td> <td>1</td> <td>1 1/4" x 1 1/2" x 16' Liner</td> <td></td> </tr> <tr> <td>3</td> <td>1 5 1/2" x 2 7/8" TAC</td> <td>1675</td> <td>67</td> <td>1" steel D rods</td> <td></td> </tr> <tr> <td>646</td> <td>21 2 7/8" 6.5#, J-55, 8rd EUE tbg.</td> <td>1375</td> <td>55</td> <td>7/8" steel D rods</td> <td></td> </tr> <tr> <td>31</td> <td>1 2 7/8" Blast Joint</td> <td>600</td> <td>24</td> <td>1 1/2" K-Bar</td> <td></td> </tr> <tr> <td>1</td> <td>1 2 7/8" SN</td> <td>20</td> <td>1</td> <td>2 1/2" x 1 3/4" x 20' RHBC Rod Pump</td> <td></td> </tr> <tr> <td>4</td> <td>1 2 7/8" Perf Sub</td> <td>0</td> <td>1</td> <td>1 1/4" x 16' 50 slot GA</td> <td></td> </tr> <tr> <td>31</td> <td>1 2 7/8" Mud Anchor</td> <td>3688</td> <td></td> <td>btm</td> <td></td> </tr> <tr> <td colspan="2">3724 btm</td> <td colspan="4"></td> </tr> </tbody> </table>				TUBING DETAIL		ROD DETAIL		08/17/20		Length (ft)	Detail	Length (ft)	Detail			0	KB	18	1	26' x 1 1/4" polish rod w/ 7/8" pin		3008	94 2 7/8" 6.5#, J-55, 8rd EUE tbg.	0	1	1 1/4" x 1 1/2" x 16' Liner		3	1 5 1/2" x 2 7/8" TAC	1675	67	1" steel D rods		646	21 2 7/8" 6.5#, J-55, 8rd EUE tbg.	1375	55	7/8" steel D rods		31	1 2 7/8" Blast Joint	600	24	1 1/2" K-Bar		1	1 2 7/8" SN	20	1	2 1/2" x 1 3/4" x 20' RHBC Rod Pump		4	1 2 7/8" Perf Sub	0	1	1 1/4" x 16' 50 slot GA		31	1 2 7/8" Mud Anchor	3688		btm		3724 btm			
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WELL HISTORY SUMMARY																																																																					
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Production Csg. Hole Size: 7 7/8 in Csg. Size: 5 1/2 in Set @: 3750 ft Sxs Cmtl: 925 Circ: Yes TOC @: surface TOC by: circ. PBTD: 3692 ft TD: 3750 ft		Yates @ 3005' 3013'-3016' 3018'-3024' 3029'-3041' 3049'-3069' 3083'-3094' 3104'-3106' 3109'-3113' 3115'-3122' 3131'-3138' 3142'-3145' 3167'-3171' 3204'-3213' 3219'-3222' 3219'-3222' 7-R @ 3223' 3272'-3279' 3423'-3429' 3454'-3459' 3485'-3488' 3502'-3205' 3511'-3515' 3557'-3560' Queen @ 3590' 3591'-3596' 3649'-3655'																																																																			
		PREPARED BY: Larry S. Adams Domingo Carrizales UPDATED: 24-Aug-10																																																																			