

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720
District II
1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-103
Permit 86219

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVIOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		7. Lease Name or Unit Agreement Name COOPER JAL UNIT
1. Type of Well: ☐		8. Well Number 512
2. Name of Operator TORCH ENERGY SERVICES, INC.		9. OGRID Number 241401
3. Address of Operator 1331 LAMAR SUITE 1350, HOUSTON, TX 77010		10. Pool name or Wildcat See Area 13
4. Well Location Unit Letter <u>H</u> : <u>1600</u> feet from the <u>N</u> line and <u>300</u> feet from the <u>E</u> line Section <u>24</u> Township <u>24S</u> Range <u>36E</u> NMPM Lea County		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3299 GR.		
Pit or Below-grade Tank Application ☐ or Closure ☐ Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		

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 OF PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
Other:

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTER CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐
CASING/CEMENT JOB ☐
Other: **Perforations/Tubing** ☒

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 PU. 10/15/08
2) RU Wireline & Perforated Queen 3522'-3655'; 7 Rivers 3236'-3502'; 121', 242 holes, 2 JSPF, 120 degree phasing & Yates 3000'-3206'; 162', 162 holes, 1 JSPF, 120 degree phasing. 10/16/08
3) Acidized Yates, 7 Rivers & Queen perms 3000'-3655' w/ 312 bbls NEFE 15% HCl Acid + 170 Tons CO2 + 12,500# Salt. 10/17/08
4) RDMO PU. 10/21/08

Perforations

Pool: JALMAT; TAN-YATES-7 RVRS (OIL), 33820 Location: H-24-24S-36E 1600 N 300 E

TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount
3000	3206		1		CO2	Acid	
3236	3380		2		CO2	Acid	

Pool: LANGLEI MATTIX; 7 RVRS-Q-GRAYBURG, 37240 Location: H-24-24S-36E 1600 N 300 E

TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount
3412	3655		2		CO2	Acid	

Tubing

LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG, 37240

Tubing Size	Type	Depth Set	Packer Set
2.875	J-55	3634	

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Electronically Signed TITLE VP DATE 1/16/2009

Type or print name Randy Ziebarth E-mail address ziebarthr@teai.com Telephone No. 713-756-1620

For State Use Only:

APPROVED BY: Paul Kautz TITLE Geologist DATE 1/22/2009 7:03:36 AM

Tubing Comments

OGRID: [241401] TORCH ENERGY SERVICES, INC.

Permit Number: 86219

Permit Type: Tubing

Created By	Comment	Comment Date
pkautz	Special vertical limits 250' above top of Queen	12/8/2008
pkautz	Top Queen @ 3631 Top Langlie Mattix @ 3381 Your perforations are out of zone.	1/16/2009