

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 84317

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.) 1. Type of Well: O 2. Name of Operator TORCH ENERGY SERVICES, INC. 3. Address of Operator 1331 LAMAR SUITE 1350, HOUSTON, TX 77010 4. Well Location Unit Letter <u>A</u> : <u>110</u> feet from the <u>N</u> line and <u>160</u> feet from the <u>E</u> line Section <u>25</u> Township <u>24S</u> Range <u>36E</u> NMPM Lea County		WELL API NUMBER 30-025-39099
		5. Indicate Type of Lease P
		6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name COOPER JAL UNIT		
8. Well Number 517		
9. OGRID Number 241401		
10. Pool name or Wildcat See Area 13		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3286 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 Pulling Unit 9/15/08
2)RU Wireline & perf'd Queen 3596'-3756'; 7 Rivers 3414'-3588', 172' 516 holes, 3 SPF, 120 degree phasing 9/15/08
3)RIH w/ 5 1/2" Pkr & set @ 3363' 9/17/08
4)Acidized perms 3414'-3756' w/ 8400 gals 15% NEFE HCl Acid, 12,500# Salt, 101 Tons Co2 9/18/08
5)RDMO PU 9/24/08
6)MIRU, set RBP @ 3400', tested okay 10/9/08
7)Perf'd 7 Rivers 3270'-3386', 37', 74 holes, 2 SPF 10/9/08
8)Acidized perms w/ 8400 gals 15% HCl, 10,000# Salt, 100 Tons CO2 10/13/08
9)RDMO 10/15/08

Perforations

Pool: JALMAT; TAN-YATES-7 RVRS (OIL), 33820 Location: A -25-24S-36E 110 N 160 E

TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount
2997	3232		1		CO2	Acid	
3270	3318		2		CO2	Acid	

Pool: LANGLE MATTIX; 7 RVRS-Q-GRAYBURG, 37240 Location: A -25-24S-36E 110 N 160 E

TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount
3414	3756		3		CO2	Acid	
3348	3386		2		CO2	Acid	

Tubing

JALMAT; TAN-YATES-7 RVRS (OIL), 33820

Tubing Size	Type	Depth Set	Packer Set
2.875	J55	3340	

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 11/4/2008

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 11/5/2008 1:24:26 PM

Tubing Comments

OGRID: [241401] TORCH ENERGY SERVICES, INC.

Permit Number: 84317

Permit Type: Tubing

Created By	Comment	Comment Date
pkautz	Special vertical limits NE/4 Sec 25 of 250' above Queen. You report Queen @ 3590. Therefore Base of Jalmat pool is 3340'. Lower 48' of Jalmat perms are actually are in Langlie Mattix pool	11/4/2008