

District I
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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 55485

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.)		WELL API NUMBER 30-025-38180
1. Type of Well: O		5. Indicate Type of Lease P
2. Name of Operator TORCH ENERGY SERVICES, INC.		6. State Oil & Gas Lease No.
3. Address of Operator 1331 LAMAR SUITE 1350, HOUSTON, TX 77010		7. Lease Name or Unit Agreement Name COOPER JAL UNIT
4. Well Location Unit Letter 1 : 1310 feet from the N line and 1248 feet from the W line Section 18 Township 24S Range 37E NMPM Lea County		8. Well Number 501
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3300 GR.		9. OGRID Number 241401
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 _____		10. Pool name or Wildcat See Area 13

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.)RU Pulling Unit 2/14/07. RU wireline & ran Cement Bond GR-CCI log 2/15/07.
- 2.)Perforated Queen 3561'-3668',3 SPF, 120 degree phasing, 54', 162 holes, 2/16/07.
- 3.)Acidized Queen 3561'-3668' w/ 5400 gals 15% NEFE HCL Acid, 4000# Salt, 52 Tons CO2 2/16/07.
- 4.)RU Wireline & perforated Lower 7 Rivers 3368'-3545',3 SPF,77' 231 holes 2/20/07.
- 5.)Acidized Lower 7 Rivers 3368'-3545' w/ 185 barrels 15% NEFE HCL Acid, 6000# Salt & 65 Tons CO2 2/20/07.
- 6.) Rigged down, moved off Pulling Unit 2/22/07.

Perforations

Pool: JALMAT;TAN-YATES-7 RVRS (OIL), 33820 Location: D -18-24S-37E 1310 N 1248 W

TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount
3368	3459		3		CO2	Acid	

Pool: LANGLIE MATTIX;7 RVRS-Q-GRAYBURG, 37240 Location: D -18-24S-37E 1310 N 1248 W

TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount
3460	3668		3		CO2	Acid	

Tubing

LANGLIE MATTIX;7 RVRS-Q-GRAYBURG, 37240

Tubing Size	Type	Depth Set	Packer Set
2.875	J-55	3559	

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 5/16/2008

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 5/19/2008 8:33:18 AM

Tubing Comments

OGRID: [241401] TORCH ENERGY SERVICES, INC.

Permit Number: 55485

Permit Type: Tubing

Created By	Comment	Comment Date
MREYES	The amounts of the Acid, Salt & CO2 used to stimulate perforations is detailed on the description of work.	6/14/2007
pkautz	You drilled 7 wells at various locations with top Queen at 3568 in each well. Reported perms as Langlie Mattix when both Jalmat and LM are perforated. Please have your geologist pick the top of the Queen.	6/15/2007
DMULL	Rejecting, need corrections on what perms belong to Jalmat and Langlie.	7/26/2007
MREYES	Downhole Commingling Application will be filed along with C-104's & C-105	5/15/2008