

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

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-11143 ✓
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> ✓
6. State Oil & Gas Lease No. 141560
7. Lease Name or Unit Agreement Name Cooper Jal Unit
8. Well Number 110 ✓
9. OGRID Number 241401 ✓
10. Pool name or Wildcat 79240 Jalmat i Tan - Yates - 7 Rows (Gas)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3303' GL
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
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 _____

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.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Torch Energy Services, Inc. ✓

3. Address of Operator
2600 W. I-20, Odessa, TX 79763

4. Well Location
Unit Letter I : 1980 feet from the South line and 660 feet from the East line
Section 18 Township 24S Range 37E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3303' GL

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:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
	P AND A <input type="checkbox"/>
	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: Swabbed well, Perforated Liner, & Set RBP <input checked="" type="checkbox"/>

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.

Objective: Filing Delinquent Form not filed by Former Operator

- 1) MIRU Pulling Unit & Above Ground Steel Pit. 11/1/05
- 2) POOH w/ rods, pump & tbg string. Set RBP @ 3688', Pkr @ 3673', swabbed 84 bbls w/ chlorides (2000 to 3000 ppm)
- 3) Set RBP @ 3618', Pkr @ 3518', swabbed 25 bbls w/ chlorides (2000 to 3000 ppm)
- 4) Set RBP @ 3470', Pkr @ 3325', swabbed 90 bbls w/ chlorides (3000 ppm).
- 5) Set RBP @ 3268', Pkr @ 2928', swabbed 34 bbls w/ chlorides (2000 to 3000 ppm).
- 6) Set RBP @ 3618', Pkr @ 3518', swabbed 25 bbls w/ chlorides (2000 to 3000 ppm).
- 7) Set RBP @ 3268', Pkr @ 2928', swabbed 34 bbls, no chlorides.
- 8) POOH w/ Pkr & RBP. RIH w/ Bailer & cleaned sand from 3736'-3774'
- 9) Perforated Liner from 3736'-3766', 1 JHPF, 30', spotted 10 sx Class C neat 2% CaCl. Tagged cement @ 3728'.
- 10) RIH w/ 5 1/2" RBP & Pkr, set RBP @ 3320', tested okay. 11/16/05
- 11) RIH w/ 2 3/8" tbg, pump & rods. Loaded & tested well to 500#.
- 12) Put well on production. RDMO Pulling Unit. 11/18/05

*Note: Well only producing from the Jalmat, also filing C-104 to change from gas well to oil well.

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 Melanie Reyes TITLE Production Assistant DATE 5/2/08

Type or print name Melanie Reyes E-mail address: reyesm@odessa.teai.com Telephone No. (432) 580-8500

For State Use Only

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE 5/2/08
Conditions of Approval (if any):

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC

Surface Csg

Hole Size 11 in
Csg Size 8 5/8 in
Set @ 1200 ft
Sxs Cmt 700
Circ Yes
TOC @ surf
TOC by circ

Production Csg

Hole Size 7 5/8 in
Csg Size 5 1/2 in
Set @ 3450 ft
Sxs Cmt 250
Circ No
TOC @ 1950 f / surf
TOC by calc
PBTD 3587 ft
TD 3587 ft

TOL 4" (FJ 11#H)
at 3,356'

Top 10' cement
plug at 3728'

OH ID 4 3/4 in

TOC @ 1950'

2185'
↑
Bad csg
cmt sqz'd
↓
2600'

Yates @ 2954'
2 spf
2994'-3010'
3020'-31'
3039'-50'
3056'
3075'
3082'
3102'
3115'
3125'
3157'
3167'
3188'
3208'
7-Rivers @ 3210'
RBP @ 3320'

OH Interval
3450 - 3770'

Liner Perfs

3520'-30'
3544'-64'
Queen @ 3565'
3580'-90'
3630'-60'
3705'-36'
3736'
3766'
BOL @
3770'

Cooper Jal Unit

WELL NO

110

LEASE NAME

STATUS Active Oil

LOCATION

1980 FSL & 660 FEL, Sec 18, T - 24S, R - 37E, Lee County, New Mexico

SPUD DATE

5 1/2" - 14#, J-55 set@ 3450' Cmt'd w/250 sxs - TOC @ 1950' from surf

INT COMP DATE

09/20/46

PBTD 3587

KB 3,313'

GL 3,303'

DF

AP# 30-025-11143

API#

GR-CBL-CCL (9-26-96 Halliburton)

GR-DSN (9-26-96 Halliburton)

Yates @ 2954'

7-Rivers @ 3210'

Queen @ 3565'

HYDROCARBON BEARING ZONE DEPTH TOPS

CASING PROFILE

SURF 8 5/8" - 32#, J-55 set@ 1200' Cmt'd w/700 sxs - circ cmt to surf

PROD 5 1/2" - 14#, J-55 set@ 3450' Cmt'd w/250 sxs - TOC @ 1950' from surf

LINER None

CURRENT PERFORATION DATA

CSG PERFS

11-Sep-96 Perf'd 2994 - 3010', 3020 - 31', 3039 - 50', & 3056 - 75' w/ 2 spf (114 holes - 0.45" dia)

12-Aug-05 Perf'd f/ 3188'-3208', 3157'-67', 3115'-3125', and 3082'-3102', 1 JHPF, 60 feet

15-Aug-05 Perf'd liner 3520'-30', 3544'-64', & 3580'-90' 1 JHPF, 40', 3630'-60', & 3706'-36', 2 JHPF 60'

OPEN HOLE 3450 - 3770'

TUBING DETAIL 11/17/2005

Length (ft)

Detail

4 1 2 3/8" 4 7#, J-55, 8rd EUE tbg

2976 96 2 3/8" 4 7#, J-55, Super Max

5 1 5 1/2" x 2 3/8" TAC

320 10 2 3/8" 4 7#, J-55, Super Max

1 1 2 3/8" SN

4 1 2 3/8" Perf Sub

31 1 2 3/8" OEMA

3306 btm

ROD DETAIL 11/17/05

Length (ft)

Detail

16 1 1 1/4" x 26' polish rod w/ 7/8" pin

0 1 1 1/4" x 1 1/2" x 16' liner

12 2 7/8" pony rods

59 7/8" steel rods

1650 66 3/4" steel rods

275 11 1 1/4" K-Bars

24 1 2" x 1 1/4" X 24' RHBC w/ SS 50 slot

0 1 1" x 10" gas anchor

3252 btm

WELL HISTORY SUMMARY

20-Sep-46 Initial completion interval 3450 - 3587 (7 RVRs/Queen OH) shot w/ 260 qts IP = 55 bopd, 0 bwpd & 60 Mcf/d (flowing).

15-Sep-57 C/O to 3567'

11-Jan-58 TA'd well

9-Feb-73 Converted to injector

14-Nov-83 Sqz'd csg leak @ 2185 - 2600' w/ 50 sxs cmt C/O to TD @ 3587' Return to injection @ 53 bwpd, TP=940 psi

28-Mar-86 Re-sqz'd csg leak @ 2185 - 2600' w/ 50 sxs cmt C/O OH & acs'd w/ 3,000 gals 15% NEFE HCL & 500#s RS in 2 stages PM=1800 - 800 psi, AIR=5 bpm, ISIP=920 psi P15min=810 psi Ran Baker AD-1 pkr on 2 3/8" IPC tbg Set pkr @ 3376'

After WO: Inj @ 130 bwpd @ 900 psi Before WO: 53 bwpd @ 940 psi.

11-Sep-96 Set 5 1/2" CIBP @ 3400'. Ran GR-CBL-CCL from 3400 - 2300' Ran GR- DSN log from 3400 - 2300' Dmp 35' cmt on CIBP at 3400' Test csg to 500 psi OK Perf. Jalmat fromation w/ 2 spf f/ 2994'-3010', 3020'-31', 3039'-50', & 3056'-75' (114 holes - 0.45" dia.), Acq'd all perfs w/ 3,000 gals 15% NEFE HCL & 153-7/8" RCN ballsealers Had good ball action PM= 3951 - 1026 psig @ AIR= 9.5 bpm ISIP=vac Frac perfs 2994 - 3075 w/ 137,760 gals of 50 quality CO2 foam & 390,720#s 12/20 Brady sand PM= 4971 - 3700 psig AIR=45 bpm, ISIP=1350 psi, P5min=1249 psi, P10min=1225 psi, P15min=1185 psi C/O f/ 2986' - 3365' Installed Equipment and placed well on production

C/O fill from 3186' to 3365' RIH with production equipment and placed well on production

13-Jun-01 POOH with rods and pump Tagged fill at 3176' Ran same pump in hole Placed on production Well would not pump Replaced pump

23-Jun-03 POOH with rods and pump Tagged fill at 3176' Ran same pump in hole Placed on production Well would not pump Replaced pump

7-Jul-03 POOH layny down 2 3/8", scanalog result 1 - yellow, 17 blue, 61 - green, and 21 - red band RIH with 4 3/4" mill tooth bit and 26 - 3 1/2" drill collars, tagged at 3157' Drilled cement and CIBP @ 3400' cleaned out to TD at 3587' - recovered pieces of rubber and cast iron

2-Aug-05 Drilled new 4 3/4" hole from 3587' to 3770' in 6 days. Had to cleaned out fill from 3580' to bottom every day Ran in hole with 3 1/8" Compensated Neutron Log - stucked at 3581' Load hole and pumped water, logging tool came loose Perf'd Yates f/ f/ 3188'-3208', 3157'-67', 3115'-3125', and 3082'-3102', 1 JHPF, 60 feet. RIH with BHA, tagged at 3568' - 202' of fill RIH with 10 joints 4" FS Liner (414'); bottom of liner at 3770', top of liner at 3356'. Ran CNL f/ 3777' to 3200'. Perf'd liner 3520'-30', 3544'-64', & 3580'-90' 1 JHPF, 40', 3630'-60', & 3706'-36', 2 JHPF 60'. Frac'd Langlie Mattix with XL water plus 97,706# 20/40 mesh sand Pavg= 16798# at 24.7 bpm ISIP= 1071# Slick Water Frac'd Jalmat with 19,100# 20/40 mesh sand Pavg= 1606# at 30 bpm ISIP= 1153# Cleaned out from 3212' to 3777' RIH with production string PWOP

5-Oct-05 Changed out polish rod and liner

1-Nov-05 POOH w/ plunger, rods & tubing RIH w/ RBP & Pkr Pkr failed, RIH w/ 5 1/2" full bore Pkr Found casing f/ 2315' to 2409'. Swabbed leak, recovered 18 bbls water w/ chlorides of over 140,000 ppm Set RBP @ 3688' & Pkr @ 3673' Swabbed 84 bbs w/ chlorides o 2000 to 3000 ppm Re-set RBP & Pkr @ 3618' & 3518' Swabbed 25 bbls water, chlorides f/ 2000 to 3000 ppm Re-set RBP & Pkr @ 3470' to 3325' Swabbed 90 bbls water w/ chlorides of 3000 ppm Reset RBP & Pkr @ 3268' & 2928' Swabbed 34 bbls water w/ chlorides of 2000 to 3000 ppm Re-set RBP & Pkr @ 3618' & 3518' Swabbed 25 bbls water, chlorides f/ 2000 to 3000 ppm Re-set RBP & Pkr @ 3268' & 2928' Swabbed 34 bbls of water No chlorides reported POOH w/ RBP & RBP RIH w/ bailer & cleaned sand f/ 3736' to 3774' Perf'd liner f/ 3736'-3766', 1 jhp, 1 JHPF 30' Located EOT @ 3767', spotted w/ 10 sacks Class C Neat 2% CaCl SION. Tagged cmt @ 3728'. Swabbed 90 bbls of water No chlorides reported POOH w/ RBP & RBP RIH w/ 5 1/2" RBP & Pkr, set RBP @ 3320' to shut off Grayburg water flow Test RBP to 1000# SION RIH w/ 2 3/8" tubing, pump & rods Load & test well to 500# PWOP

30-Nov-05 Long stroked well

PREPARED BY

Larry S Adams

D Camzales

UPDATED

06-Dec-05