

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, 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

Oil Conservation Division
1220 South St Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised June 10, 2003

WELL API NO.

30-025-38202

5. Indicate Type of Lease

STATE ☐ FEE ☒

State Oil & Gas Lease No. 141560

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well.
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion
NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF.
WELL OVER BACK RESVR ☐ OTHER ☐

2. Name of Operator
Torch Energy Services, Inc.

7. Lease Name or Unit Agreement Name

Cooper Jal Unit

8 Well No.
509

3 Address of Operator
1331 Lamar, Suite 1450, Houston, TX 77010

9. Pool name or Wildcat
Jalmat: Tansill-Yates-7Rivers
Langlie Mattix: 7Rivers-Queen-Grayburg

4. Well Location

Unit Letter J 1370 Feet From The South Line and 1368 Feet From The East Line

Section 18 Township 24S Range 37E NMPM Lea County

10. Date Spudded 1/2/07 11. Date T D Reached 1/9/07 12. Date Compl. (Ready to Prod.) 3/6/07 13. Elevations (DF& RKB, RT, GR, etc.) GR 3299' 14. Elev. Casinghead

15. Total Depth 3755' 16. Plug Back T.D. 3708' 17 If Multiple Compl. How Many Zones? 18. Intervals Drilled By 19. Rotary Tools 20. Cable Tools

19 Producing Interval(s), of this completion - Top, Bottom, Name
Jalmat (3409'-3500'): Langlie Mattix (3501'-3690')

20. Was Directional Survey Made
Yes

21. Type Electric and Other Logs Run
Spectral PE Density CNL, Dual Laterolog

22. Was Well Cored
No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB /FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24	396'	12 1/4"	250 sx "C" w/ 2% CaCl2	
5 1/2"	15	3750'	7 7/8"	650 sx "C" w/ 5% NaCl	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	3689'	

26 Perforation record (interval, size, and number)

Jalmat (3409'-3500'), 40', 3 SPF, 120 holes, 120 degree phasing
Langlie Mattix (3501'-3690'), 67', 3 SPF, 201 holes, 120 degree phasing

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
3501'-3690' Acid w/286 bbls 15% NEFE HCl, 8,500# Salt, 106 Tons CO2
3409'-3500'

28. PRODUCTION

Date First Production 3/6/07 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping Unit, 2 1/2" x 1 1/2" x 20' RWBC-HVR Well Status (Prod. or Shut-in) Prod

Date of Test 3/30/07 Hours Tested 24 Choke Size Prod'n For Test Period Oil - Bbl 10 Gas - MCF 38 Water - Bbl. 84 Gas - Oil Ratio
Flow Tubing Press. Casing Pressure Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API - (Corr.) 37.7

29 Disposition of Gas (Sold, used for fuel, vented, etc.) Sold Test Witnessed By

30. List Attachments

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature  Printed Name Melanie Reyes Title Production Assistant Date 8/15/08
E-mail Address reyesm@odessa.teai.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 2978'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 3228'	T. Devonian	T. Menefee	T. Madison
T. Queen 3560'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....3409'.....to.....3500'.....
No. 2, from.....3501'.....to.....3690'.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology