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Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT DISTRICT II-ARTESIA O.C.D.

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NNMN119271
6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.
8. Lease Name and Well No. HARROUN RANCH FED COM 20702 4H

1a. Type of Well [ ] Oil Well [x] Gas Well [ ] Dry [ ] Other
b. Type of Completion [x] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff. Resvr. Other

2. Name of Operator BTA OIL PRODUCERS Contact: KATY REDDELL E-Mail: kreddell@btaoil.com

3. Address 104 SOUTH PECOS STREET MIDLAND, TX 79701 3a. Phone No. (include area code) Ph: 432-557-2869 Ext: 139

4. Location of Well (Report location clearly and in accordance with Federal requirements)\* At surface SESW 160FSL 2493FWL At top prod interval reported below Sec 17 T23S R29E Mer NMP At total depth NWNE 50FNL 1980FEL

9. API Well No. 30-015-43414-00-S1
10. Field and Pool, or Exploratory PURPLE SAGE-WOLFCAMP (GAS)
11. Sec., T., R., M., or Block and Survey or Area Sec 20 T23S R29E Mer NMP
12. County or Parish EDDY 13. State NM

14. Date Spudded 01/24/2018 15. Date T.D. Reached 04/20/2018 16. Date Completed [ ] D & A [x] Ready to Prod. 06/11/2018

17. Elevations (DF, KB, RT, GL)\* 2987 GL

18. Total Depth: MD 21240 TVD 10925 19. Plug Back T.D.: MD TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) QES-GAMMARAY-RO 22. Was well cored? [x] No [ ] Yes (Submit analysis) Was DST run? [x] No [ ] Yes (Submit analysis) Directional Survey? [ ] No [x] Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Table with columns: Hole Size, Size/Grade, Wt. (#/ft.), Top (MD), Bottom (MD), Stage Cementer Depth, No. of Sk. & Type of Cement, Slurry Vol. (BBL), Cement Top\*, Amount Pulled. Includes data for hole sizes 17.500, 12.250, 8.750, 6.125.

24. Tubing Record

Table with columns: Size, Depth Set (MD), Packer Depth (MD). Multiple empty rows.

25. Producing Intervals

Table with columns: Formation, Top, Bottom, Perforated Interval, Size, No. Holes, Perf. Status. Row A) WOLFCAMP 11180 20995 11180 TO 20995 0.420 40 PRODUCING - Wolfcamp

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Table with columns: Depth Interval, Amount and Type of Material. Row: 11180 TO 20995 506,747 BBLs FLUID; 24,205,230 # 100 MES AND 40/70 SAND

28. Production - Interval A

Table with columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method. Row: 06/11/2018 06/25/2018 24 312.0 3130.0 1334.0 FLOWS FROM WELL

28a. Production - Interval B

Table with columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method. Row: SI 4400.0 312 3130 1334 PGW

(See Instructions and spaces for additional data on reverse side) ELECTRONIC SUBMISSION #426764 VERIFIED BY THE BLM WELL INFORMATION SYSTEM \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

Pending BLM approvals will subsequently be reviewed and scanned

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WOLFCAMP	11180	20995		RUSTLER TOP SALT DELAWARE BELL CANYON BONE SPRING WOLFCAMP	212 525 2860 3146 6574 9850

32. Additional remarks (include plugging procedure):  
Well currently does not have tubing.

33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #426764 Verified by the BLM Well Information System.  
For BTA OIL PRODUCERS, sent to the Carlsbad  
Committed to AFMSS for processing by DINAH NEGRETE on 07/19/2018 (18DCN0063SE)

Name (please print) KATY REDDELL Title REGULATORY ANALYST

Signature (Electronic Submission) Date 07/10/2018

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* REVISED \*\* REVISED \*\***