

# RECEIVED

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Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM100335

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

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

8. Lease Name and Well No.  
OGDEN 20509 29-32 FED COM 4H

3. Address 104 S. PECOS  
MIDLAND, TX 79701 3a. Phone No. (include area code)  
Ph: 432-682-3753 Ext: 139

9. API Well No.  
30-015-45395

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
Sec 29 T23S R28E Mer  
At surface NWNE 270FNL 1830FEL 32.282574 N Lat, 104.106895 W Lon  
Sec 29 T23S R28E Mer  
At top prod interval reported below NWNE 270FNL 1830FEL 32.282574 N Lat, 104.106895 W Lon  
Sec 32 T23S R28E Mer  
At total depth NWNE 2592FNL 1945FEL 32.261623 N Lat, 104.107351 W Lon

10. Field and Pool, or Exploratory  
PURPLE SAGE WOLFCAMP(GAS)

11. Sec., T., R., M., or Block and Survey  
or Area Sec 29 T23S R28E Mer

12. County or Parish  
EDDY 13. State  
NM

14. Date Spudded  
04/27/2019 15. Date T.D. Reached  
05/25/2019 16. Date Completed  
☐ D & A ☐ Ready to Prod.  
06/30/2019

17. Elevations (DF, KB, RT, GL)\*  
3074 GL

18. Total Depth: MD 17986  
TVD 10432 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)  
MWD 22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☐ No ☒ Yes (Submit analysis)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.380 J-55	54.5	0	335		350		0	
12.250	9.625 P-110	43.5	0	9790		1600		0	
8.500	5.500 P-110	20.0	0	17986		3415		0	

### 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	10056							

### 25. Producing Intervals

### 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	9331		10500 TO 17635		200	PERF.
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10500 TO 17635	384,352 BBLs TOTAL FLUID; 18,314,462#S 100MESH AND 40/70 SAND

### 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/09/2019	08/01/2019	24	→	622.0	4577.0	3783.0	41.6		GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64/64	SI 950	1950.0	→	622	4577	3783		PGW	

### 28a. Production - Interval B

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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #480181 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

## 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	9331		RUSTLER	RUSTLER TOP SALT BASE SALT DELAWARE BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING LIME	288 952 2237 2502 2528 3314 4484 6075

## 32. Additional remarks (include plugging procedure):

FIRST BONE SPRING 7042  
SECOND BONE SPRING 7800  
THIRD BONE SPRING CARB 8769  
THIRD BONE SPRING 8987  
TOP WOLFCAMP 9346  
UPPER WOLFCAMP 9493  
MIDDLE WOLFCAMP 9741  
LOWER WOLFCAMP 10003

## 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 #480181 Verified by the BLM Well Information System.  
For BTA OIL PRODUCERS, LLC, sent to the Carlsbad

Name (please print) KATY REDDELLTitle REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission)

Date 08/23/2019

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**Additional data for transaction #480181 that would not fit on the form**

**32. Additional remarks, continued**