

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.  
NMNM97153

1a. Type of Well  Oil Well  Gas Well  Dry  Other

b. Type of Completion  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** 3a. Phone No. (include area code)  
**MIDLAND, TX 79701** Ph: **432-682-3753 Ext: 139**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **SWSE 220FSL 1365FEL 32.138287 N Lat, 103.556061 W Lon**  
At top prod interval reported below **SWSE 220FSL 1365FEL 32.138287 N Lat, 103.555661 W Lon**  
At total depth **NWNE 50FNL 2310FEL 32.151425 N Lat, 103.559123 W Lon**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
**VACA DRAW 9418 10 FED 16H**

9. API Well No.  
**30-025-45496-00-S1**

10. Field and Pool, or Exploratory  
**UNKNOWN**

11. Sec., T., R., M., or Block and Survey or Area **Sec 10 T25S R33E Mer NMP**

12. County or Parish **LEA** 13. State **NM**

14. Date Spudded **11/28/2019** 15. Date T.D. Reached **02/20/2020** 16. Date Completed  D & A  Ready to Prod.  
**04/16/2020**

17. Elevations (DF, KB, RT, GL)\*  
**3376 GL**

18. Total Depth: MD **17530** 19. Plug Back T.D.: MD **17498** 20. Depth Bridge Plug Set: MD  
TVD **12518** TVD 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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	10.750 J-55	40.5		1516		1035		0	
8.750	7.625 P-110	29.7		12004	5030	680		0	
8.750	7.625 P-110	29.7		12004	12004	710		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	10529	10510						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12348		12735 TO 17395			FRAC
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12735 TO 17395	244,938 BBLs TOTAL FLUID; 11,490,900 #S 100 MESH 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
04/16/2020	05/09/2020	24	→	1121.0	1657.0	1719.0	44.3		FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
19/64	SI 3800	2600.0	→	1121	1657	1719		POW	

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 #517492 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

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	12348	12518		RUSTLER TOP SALT BASE OF SALT DELAWARE BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING LIME	2753 2944 4863 5037 5293 6359 7609 9190

32. Additional remarks (include plugging procedure):  
FIRST BONESPRING SAND: 10138  
SECOND BONESPRING SAND: 10779  
THIRD BONESPRING CARBONATE: 11240  
THIRD BONESPRING SAND: 11905  
WOLFCAMP: 12348

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 #517492 Verified by the BLM Well Information System.**

**For BTA OIL PRODUCERS, sent to the Hobbs**

**Committed to AFMSS for processing by JENNIFER SANCHEZ on 08/05/2020 (20JAS0179SE)**

Name (please print) KATY REDDELL Title REGULATORY ANALYST

Signature (Electronic Submission) Date 06/02/2020

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.

## Revisions to Operator-Submitted EC Data for Well Completion #517492

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Lease:	NMNM97153	NMNM97153
Agreement:		
Operator:	BTA OIL PRODUCERS, LLC 104 S. PECOS STREET MIDLAND, TX 79701 Ph: 432-682-3753	BTA OIL PRODUCERS 104 SOUTH PECOS STREET MIDLAND, TX 79701 Ph: 432.682.3753
Admin Contact:	KATY REDDELL REGULATORY ANALYST E-Mail: kreddell@btaoil.com  Ph: 432-682-3753 Ext: 139	KATY REDDELL REGULATORY ANALYST E-Mail: kreddell@btaoil.com  Ph: 432-682-3753 Ext: 139
Tech Contact:	KATY REDDELL REGULATORY ANALYST E-Mail: kreddell@btaoil.com  Ph: 432-682-3753 Ext: 139	KATY REDDELL REGULATORY ANALYST E-Mail: kreddell@btaoil.com  Ph: 432-682-3753 Ext: 139
Well Name: Number:	VACA DRAW 9418 10 FED 16H	VACA DRAW 9418 10 FED 16H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 10 T25S R33E Mer	Sec 10 T25S R33E Mer NMP
Surf Loc:	220FSL 1365FEL 32.138287 N Lat, 103.555661 W Lon	SWSE 220FSL 1365FEL 32.138287 N Lat, 103.556061 W Lon
Field/Pool:	BOBCAT DRAW; UPPER WOLFCA	UNKNOWN
Logs Run:	MWD	MWD
Producing Intervals - Formations:	WOLFCAMP	WOLFCAMP
Porous Zones:	WOLFCAMP	WOLFCAMP
Markers:	RUSTLER TOP SALT BASE SALT DELAWARE BELL CANYON CHERRY CANYON BRUSHY CANYON BONESPRING LIME	RUSTLER TOP SALT BASE OF SALT DELAWARE BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING LIME