

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM100335

1a. Type of 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 32-29 FED COM 5H

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

9. API Well No.  
30-015-44339-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
Sec 32 T23S R28E Mer NMP  
At surface SENW 2472FNL 1357FWL 32.261967 N Lat, 104.113770 W Lon  
Sec 32 T23S R28E Mer NMP  
At top prod interval reported below SENW 2472FNL 1357FWL 32.261967 N Lat, 104.113770 W Lon  
Sec 29 T23S R28E Mer NMP  
At total depth NENW 38FNL 1964FWL

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

11. Sec., T., R., M., or Block and Survey  
or Area Sec 32 T23S R28E Mer NMP

12. County or Parish  
EDDY  
13. State  
NM

14. Date Spudded  
02/26/2019  
15. Date T.D. Reached  
04/06/2019  
16. Date Completed  
 D & A  Ready to Prod.  
07/23/2019

17. Elevations (DF, KB, RT, GL)\*  
3107 GL

18. Total Depth: MD 17155 TVD 9510  
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)  
MWDGAMMARAY  
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5		360		400		0	
12.250	9.625 J-55	36.0		2522		810		0	
8.750	7.000 P-110	29.0		9585		1135		907	
6.125	4.500 P-110	13.5	8912	17155		545		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)

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	9383		9700 TO 16980			FRAC
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9700 TO 16980	385,609 BBLs FLUID; 18,330,693 #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
07/23/2019	08/01/2019	24	→	1080.0	1879.0	4167.0	41.6		FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
38/64	SI 1550	1450.0	→	1080	1879	4167		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		→						

ACCEPTED FOR RECORD  
NOV 22 2019  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #481337 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\*

Reclamation Due: 1/23/2020

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	9383			RUSTLER	289
				TOP SALT	950
				BASE OF SALT	2234
				DELAWARE	2530
				BELL CANYON	2557
				CHERRY CANYON	3335
				BRUSHY CANYON	4497
BONE SPRING LIME	6120				

32. Additional remarks (include plugging procedure):

FIRST BONE SPRING 7055  
SECOND BONE SPRING 7826  
THIRD BONE SPRING CARB 8803  
THIRD BONE SPRING 9040  
WOLFCAMP 9383

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 #481337 Verified by the BLM Well Information System.**  
For BTA OIL PRODUCERS LLC, sent to the Carlsbad  
Committed to AFMSS for processing by DINAH NEGRETE on 11/18/2019 (20DCN0026SE)

Name (please print) KATY REDDELL Title REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission) Date 08/30/2019

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.

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

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT  
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-44339	Pool Code 98220	Pool Name PURPLE SAGE (WOLFCAMP) GAS
Property Code 320813	Property Name OGDEN 20509 32-29 FEDERAL COM	Well Number 5H
OGRID No. 260297	Operator Name BTA OIL PRODUCERS, LLC	Elevation 3107'

Surface Location

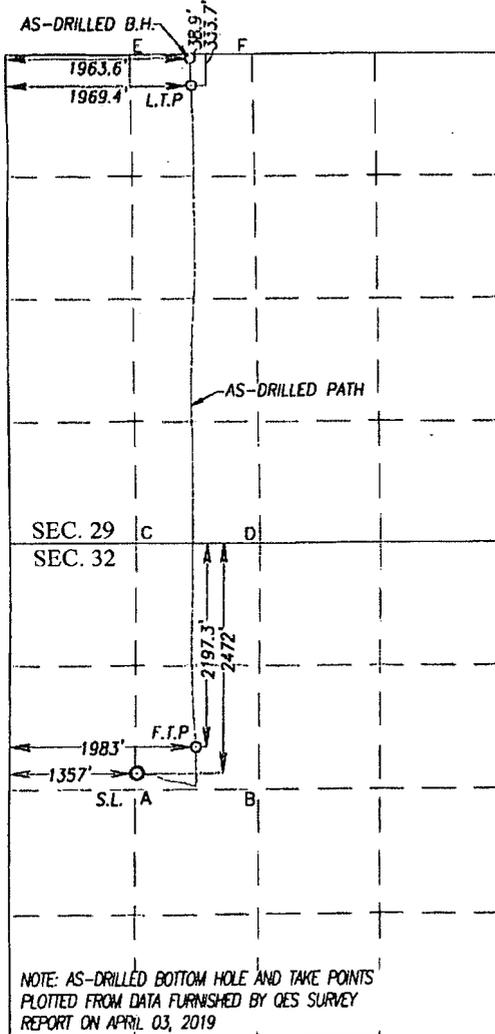
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	32	23-S	28-E		2472	NORTH	1357	WEST	EDDY

As-Drilled Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	29	23-S	28-E		38.9	NORTH	1963.6	WEST	EDDY

Dedicated Acres 240	Joint or infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



SCALE: 1"=2000'

<p>GEODETIC COORDINATES NAD 83 NME AS-DRILLED BOTTOM HOLE LOCATION Y= 466833.9 N X= 609807.1 E LAT.=32.283206° N LONG.=104.111772° W</p> <p>GEODETIC COORDINATES NAD 83 NME LAST TAKE POINT Y= 466539.2 N X= 609814.5 E LAT.=32.282396° N LONG.=104.111750° W</p> <p>CORNER COORDINATES TABLE NAD 27 NME A - Y= 458878.7 N, X= 568001.6 E B - Y= 458880.6 N, X= 569337.6 E C - Y= 461518.4 N, X= 568027.7 E D - Y= 461515.2 N, X= 569367.1 E E - Y= 466812.1 N, X= 567978.9 E F - Y= 466815.6 N, X= 569296.7 E</p> <p>CORNER COORDINATES TABLE NAD 83 NME A - Y= 458937.5 N, X= 609184.5 E B - Y= 458939.3 N, X= 610520.5 E C - Y= 461577.2 N, X= 609210.5 E D - Y= 461574.1 N, X= 610550.0 E E - Y= 466871.1 N, X= 609161.6 E F - Y= 466874.6 N, X= 610479.4 E</p> <p>FIRST TAKE POINT NAD 83 NME Y= 459379.5 N X= 609834.9 E LAT.=32.262715° N LONG.=104.111731° W</p> <p>SURFACE LOCATION NAD 83 NME Y= 459105.8 N X= 609206.7 E LAT.=32.261966° N LONG.=104.113766° W</p>	<p>GEODETIC COORDINATES NAD 27 NME AS-DRILLED BOTTOM HOLE LOCATION Y= 466775.0 N X= 568624.4 E LAT.=32.283086° N LONG.=104.111276° W</p> <p>GEODETIC COORDINATES NAD 27 NME LAST TAKE POINT Y= 466480.2 N X= 568631.7 E LAT.=32.282276° N LONG.=104.111254° W</p> <p>CORNER COORDINATES TABLE NAD 27 NME A - Y= 458878.7 N, X= 568001.6 E B - Y= 458880.6 N, X= 569337.6 E C - Y= 461518.4 N, X= 568027.7 E D - Y= 461515.2 N, X= 569367.1 E E - Y= 466812.1 N, X= 567978.9 E F - Y= 466815.6 N, X= 569296.7 E</p> <p>CORNER COORDINATES TABLE NAD 83 NME A - Y= 458937.5 N, X= 609184.5 E B - Y= 458939.3 N, X= 610520.5 E C - Y= 461577.2 N, X= 609210.5 E D - Y= 461574.1 N, X= 610550.0 E E - Y= 466871.1 N, X= 609161.6 E F - Y= 466874.6 N, X= 610479.4 E</p> <p>FIRST TAKE POINT NAD 27 NME Y= 459320.7 N X= 568652.0 E LAT.=32.262594° N LONG.=104.111236° W</p> <p>SURFACE LOCATION NAD 27 NME Y= 459047.1 N X= 568023.8 E LAT.=32.261846° N LONG.=104.113270° W</p>
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**OPERATOR CERTIFICATION**

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division

KATY REDDELL 9/20/19  
Signature Date  
KATY REDDELL  
Printed Name  
kreddell@btaoil.com  
E-mail Address

**SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

NOVEMBER 30, 2016  
Date of Survey  
Signature of Surveyor  
RONALD J. EIDSON  
NEW MEXICO  
REGISTERED SURVEYOR  
3239  
Certificate Number  
Ronald J. Eidson 12641  
Ronald J. Eidson 3239

ACK REL WO:17130146 REV 9/19/19 JWSC WO: 19 13 0925