

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 & Natural Resources

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address GMT Exploration Company LLC 1560 Broadway Suite 2000 Denver, CO 80202		² OGRID Number 260511
		³ Reason for Filing Code/ Effective Date NW 12/1/2016
⁴ API Number 30 - 025-43358	⁵ Pool Name Upper Wolfcamp	⁶ Pool Code 98092
⁷ Property Code 316498	⁸ Property Name Sheba Federal Com	⁹ Well Number 1H

II. ¹⁰ Surface Location

UL or lot no. A	Section 22	Township 24S	Range 34E	Lot Idn	Feet from the 620	N/S Line North	Feet from the 535	East/West line East	County Lea
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¹¹ Bottom Hole Location

UL or lot no. P	Section 22	Township 24S	Range 34E	Lot Idn	Feet from the 330	North/South line South	Feet from the 350	East/West line East	County Lea
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¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 11/19/2009	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
035103	Sunoco Partners Marketing PO Box 5090 Sugar Land, TX 77748	O
24650	Targa Midstream Services LTD Ptr 1000 Louisiana, Suite 4700 Farmington, NM 87402	G
	Arapahoe Oil Field Services 1414 E Nadine Road Hobbs, NM 88241	W

IV. Well Completion Data

²¹ Spud Date 8/18/16	²² Ready Date 11/19/2016	²³ TD 17222'	²⁴ PBDT 17170'	²⁵ Perforations 12810' - 17113'	²⁶ DHC, MC MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2	13 3/8	1136	1034		
9 7/8	7 5/8	11645	2001		
6 3/4	5	17222	1010		

V. Well Test Data

³¹ Date New Oil 11/24/16	³² Gas Delivery Date 11/24/16	³³ Test Date 11/28/16	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 3949	³⁶ Csg. Pressure
³⁷ Choke Size 15	³⁸ Oil 259 bbls	³⁹ Water 1351 bbls	⁴⁰ Gas 521 MCF		⁴¹ Test Method flowing

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:
Marissa Walters

Title:
Petro Tech

E-mail Address:
mwalters@gmtexploration.com

Date: 11/29/16

Phone:
303.586.9275

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Petroleum Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

HOBBS OCD
DEC 22 2016
RECEIVED

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM117125
2. Name of Operator GMT EXPLORATION LLC		6. If Indian, Allottee or Tribe Name
Contact: MARISSA WALTERS E-Mail: mwalters@gmtexploration.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 1560 BROADWAY SUITE 2000 DENVER, CO 80202	3b. Phone No. (include area code) Ph: 303-586-9275	8. Well Name and No. SHEBA FEDERAL COM 1H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T24S R34E NENE 620FNL 535FEL		9. API Well No. 30-025-43358
		10. Field and Pool or Exploratory Area RED HILLS; BONE SPRING N
		11. County or Parish, State LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Drilling Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Spud well: 8/18/16

8/19/2016 TD 17.5" hole at 1136'. Set 13 3/8" 54.5# J-55 csg. CMT w/587 sx Class C. Tailed w/447sx Class C. Circ 253sx to surface. WOC 24 hrs. Drilled with fresh water.

9/12/2016 TD 9 7/8" hole at 11645'. Set 7.625" 29.7# HCP-110 csg. CMT 1st stage w/ 615sx 50/50 Poz H, tailed in with 571sx 50/50 Poz H. 0sx circulated. CMT 2nd stage w/694sx 50/50 Poz C, tailed in w/121sx 50/50 Poz C. GMT contacted the BLM on 9/13/2016 and proposed cement to surface on the long string due to loss oc circulation, approved by BLM. Drilled with brine.

10/7/2016 TD 6 3/4" hole at 17222'. Set 5.5" 23# HCP-110csg. CMT w/450sx 50/50 Class H, tailed in w/560sx H+ Cement Blind. Circ 70sx to surface. WOC 24hrs. TOC surface. Drilled with cut brine.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #358754 verified by the BLM Well Information System For GMT EXPLORATION LLC, sent to the Hobbs	
Name (Printed/Typed) KEITH KRESS	Title ENGINEER
Signature (Electronic Submission)	Date 11/22/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

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.

(Instructions on page 2)

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

Additional data for EC transaction #358754 that would not fit on the form

32. Additional remarks, continued

10/8/2016 Release rig

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM1171251a. 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
GMT EXPLORATION LLCContact: MARISSA WALTERS
E-Mail: mwalters@gmtexploration.com8. Lease Name and Well No.
SHEBA FEDERAL COM 1H3. Address 1560 BROADWAY SUITE 2000
DENVER, CO 802023a. Phone No. (include area code)
Ph: 303-586-92759. API Well No.
30-025-43358

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface NENE 620FNL 535FEL 32.123090 N Lat, 103.270363 W Lon

At top prod interval reported below NENE 620FNL 535FEL 32.123090 N Lat, 103.270363 W Lon

At total depth NENE 330FSL 350FEL 32.114807 N Lat, 103.270149 W Lon

10. Field and Pool, or Exploratory
RED HILLS11. Sec., T., R., M., or Block and Survey
or Area Sec 22 T24S R34E Mer12. County or Parish
LEA13. State
NM14. Date Spudded
08/18/201615. Date T.D. Reached
10/02/201616. Date Completed
☐ D & A ☒ Ready to Prod.
11/18/201617. Elevations (DF, KB, RT, GL)*
3499 GL18. Total Depth: MD 17222
TVD 1245519. Plug Back T.D.: MD 17222
TVD 1245520. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
INDUCTION LOG22. 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
17.500	13.375 J55	54.5	0	1136	1136	1034	196	0	
6.750	5.500 HCP110	23.0	0	11424	17222			0	
9.875	7.625 HCP110	29.7	0	11645	11645	2001	478		
6.750	5.000 HCP110	18.0	11424	17222	17222	1010	266	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	11391	11395						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12405	12470	12810 TO 17113	0.900	594	PRODUCING
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
12810 TO 17113	FRAC W/1309BBLs OF 7.5% HCL ACID; 3567856LBS 100 MESH SAND; 3299680IBS 30/50SAND 308899BBLs LOAD

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
11/20/2016	11/23/2016	24	→	0.0	0.0	1144.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
10/64	4142		→	0	0	1144		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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #358893 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.)
NO MEASURABLE GAS

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
BONE SPRING WOLF CAMP	9210 12380	11875 13500		RUSTLER SALT TOP LAMAR LIMESTONE DELAWARE BONE SPRING WOLFCAMP	1150 1250 3875 5400 9210 12380

32. Additional remarks (include plugging procedure):
Directional Survey and Wellbore Diagram Attached
Log sent via mail

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 #358893 Verified by the BLM Well Information System.
For GMT EXPLORATION LLC, sent to the Hobbs**

Name (please print) KEITH KRESSTitle VP OPERATIONS

Signature _____ (Electronic Submission)

Date 11/23/2016

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.

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