

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM061261

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 **CHISHOLM ENERGY OPERATING, LLC** Contact: JENNIFER ELROD
 Email: JELROD@CHISHOLMENERGY.COM

8. Lease Name and Well No.
AZTEC 14-23 3BS FED COM 3H

3. Address **801 CHERRY STREET SUITE 1200-UNIT 20
FORT WORTH, TX 76102** 3a. Phone No. (include area code)
Ph: 817-953-3728

9. API Well No. **30-025-46351**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 Sec 11 T21S R32E Mer NMP
 At surface **SESW 250FSL 1425FWL 32.486816 N Lat, 103.649404 W Lon**
 Sec 14 T21S R32E Mer NMP
 At top prod interval reported below **NWNW 205FNL 409FWL 32.485559 N Lat, 103.652696 W Lon**
 Sec 23 T21S R32E Mer NMP
 At total depth **SWSW 27FSL 376FWL 32.457149 N Lat, 103.652851 W Lon**

10. Field and Pool, or Exploratory
WC025G06S213215A;BNSPRNG

11. Sec., T., R., M., or Block and Survey or Area **Sec 11 T21S R32E Mer NMP**

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

14. Date Spudded **10/25/2019** 15. Date T.D. Reached **11/22/2019** 16. Date Completed
 D & A Ready to Prod.
01/01/2020

17. Elevations (DF, KB, RT, GL)*
3845 GL

18. Total Depth: MD **22260** TVD **11891** 19. Plug Back T.D.: MD **22230** TVD **11906** 20. Depth Bridge Plug Set: MD **MD** TVD **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GAMMA; MWD; CBL

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
26.000	20.000 J-55	94.0	0	1547		2691	848	0	0
17.500	13.375 J-55	54.5	0	3628		2936	1052	0	0
12.250	9.625 J-55	40.0	0	5980		1358	497	0	0
8.750	5.500 P-110	20.0	0	22235		2541	919	0	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
WC-025 G06 S213215A; BN SPRNG	11905	22165	11905 TO 22165	0.420	2744	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11905 TO 22165	1357 BBLs HCL + 302293 BBLs SW W/9765043# 100 MESH + 5501457# 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
01/07/2020	01/25/2020	24	→	689.0	1153.0	3331.0	41.0	0.82	FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
29/64	SI	1950.0	→	689	1153	3331	1673	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 #507111 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
RUSTLER	1525	1953	ANHY	BONE SPRING	8802
SALADO	1954	3346	SALT	1ST BONE SPRING	9851
YATES	3347	3652	SS & SH	2ND BONE SPRING	10365
CAPITAN REEF	3653	5247	DOL & LS	3RD BONE SPRING	11400
BELL CANYON	5248	5669	SS, SLTST, & SH		
CHERRY CANYON	5670	6987	SS, SLTST, & SH		
BRUSHY CANYON	6988	8801	SS, SLTST, & SH		
BONE SPRING	8802	9850	LS & SH		

32. Additional remarks (include plugging procedure):

1ST BONE SPRING SS: 9851-10364; SS, SLTST, & SH
 2ND BONE SPRING SS: 10365-11399; SS, SLTST, & SH
 3RD BONE SPRING SS: 11400-11674; SS, SLTST, & SH

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 #507111 Verified by the BLM Well Information System.
 For CHISHOLM ENERGY OPERATING, LLC, sent to the Hobbs**

Name (please print) JENNIFER ELROD Title SR. REGULATORY ANALYST

Signature (Electronic Submission) Date 03/13/2020

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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.

5. Lease Serial No.
NMNM061261

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

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		8. Well Name and No. AZTEC 14 FED COM 3BS 3H
2. Name of Operator CHISHOLM ENERGY OPERATING LLC		9. API Well No. 30-025-46351-00-X1
3a. Address 801 CHERRY STREET SUITE 1200 UNIT 20 FORT WORTH, TX 76102		10. Field and Pool or Exploratory Area WOLFCAMP
3b. Phone No. (include area code) Ph: 817-953-3728 Ext: 3728		11. County or Parish, State LEA COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 11 T21S R32E 250FSL 1425FWL 32.486816 N Lat, 103.649406 W Lon		

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 Production Start-up
	<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 recomplete 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 recompletion 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.

COMPLETION/PRODUCTION START UP

12/03/2019-PBTD @ 22230'MD; RAN CBL W/ EST TOC @ SURFACE
12/04/2019-PRESSURE TEST 5.5" PROD CSG TO 9924 PSI, 30 MIN, GOOD TEST; SET PLUG 22180'MD & PERFORATE STAGE 1 22165' -21985'
12/6-12/17/2019-PERFORATE STAGES 2-49 21949'-11905'; FRACTURE ALL STAGES W/1357 BBLS HCI + 302293 BBLS SW W/9765043# 100 MESH + 5501457# 40/70 SAND
12/18-12/20-DRILL OUT
12/23- TURN OVER TO PRODUCTION
01/01/2020-BEGIN FLOWBACK

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #497088 verified by the BLM Well Information System For CHISHOLM ENERGY OPERATING LLC, sent to the Hobbs Committed to AFMSS for processing by JONATHON W SHEPARD on 01/07/2020 (20JS0023SE)	
Name (Printed/Typed) JENNIFER ELROD	Title SR. REGULATORY ANALYST
Signature (Electronic Submission)	Date 12/27/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JONATHON SHEPARD Title PETROELUM ENGINEER	Date 01/07/2020
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 Hobbs

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)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Revisions to Operator-Submitted EC Data for Sundry Notice #497088

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	STARTUP SR	STARTUP SR
Lease:	NMNM061261	NMNM061261
Agreement:		
Operator:	CHISHOLM ENERGY OPERATING, LLC 801 CHERRY STREET SUITE 1200-UNIT 20 FORT WORTH, TX 76102 Ph: 817-953-3728	CHISHOLM ENERGY OPERATING LLC 801 CHERRY STREET SUITE 1200 UNIT 20 FORT WORTH, TX 76102 Ph: 817 953 6063
Admin Contact:	JENNIFER ELROD SR REGULATORY ANALYST E-Mail: JELROD@CHISHOLMENERGY.COM Cell: 940-452-6214 Ph: 817-953-3728	JENNIFER ELROD SR. REGULATORY ANALYST E-Mail: jelrod@chisholmenergy.com Cell: 940-452-6214 Ph: 817-953-3728 Ext: 3728
Tech Contact:	JENNIFER ELROD SR REGULATORY ANALYST E-Mail: JELROD@CHISHOLMENERGY.COM Cell: 940-452-6214 Ph: 817-953-3728	JENNIFER ELROD SR. REGULATORY ANALYST E-Mail: jelrod@chisholmenergy.com Cell: 940-452-6214 Ph: 817-953-3728 Ext: 3728
Location:		
State:	NM	NM
County:	LEA	LEA
Field/Pool:	WC-025G-06S213215A;BNSPRN	WOLFCAMP
Well/Facility:	AZTEC 14 FED COM 3BS 3H Sec 11 T21S R32E Mer NMP 250FSL 1425FWL 32.486814 N Lat, 103.649404 W Lon	AZTEC 14 FED COM 3BS 3H Sec 11 T21S R32E 250FSL 1425FWL 32.486816 N Lat, 103.649406 W Lon

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

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

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address CHISHOLM ENERGY OPERATING, LLC 801 CHERRY STREET, SUITE 1200, UNIT-20 FORT WORTH, TX 76102		² OGRID Number 372137
		³ Reason for Filing Code/ Effective Date RT-01/07/2020
⁴ API Number 30 - 025-46351	⁵ Pool Name WC-025 G-06 S213215A; BONE SPRING	⁶ Pool Code 97921 <i>KZ</i>
⁷ Property Code	⁸ Property Name AZTEC 14-23 3BS FEDERAL COM	⁹ Well Number 3H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
N	11	21S	32E		250	SOUTH	1425	WEST	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	23	21S	32E		86	SOUTH	376	WEST	LEA
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 01/07/2020	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
372603	3BEAR DELAWARE OPERATING-NM, LLC	O/G/W

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBTD	²⁵ Perforations	²⁶ DHC, MC
10/25/2019	01/01/2020	22260'MD/11891'TVD	22230'MD/11906'TVD	11905'-22165'	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
26"	20", 94#, J-55	1547'	2691		
17.5"	13.375", 54.5#, J-55	3628'	2936		
12.25"	9.625", 40#, J-55	5980'	1358		
8.75"	5.5", 20#, P-110	22235'	2541		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
01/07/2020	01/07/2020	01/25/2020	24	0	1950
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
29/64	689	3331	1153	F	

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:

Jennifer Elrod

Printed name:

JENNIFER ELROD

Title:

SR. REGULATORY ANALYST

E-mail Address:

JELROD@CHISHOLMENERGY.COM

Date:

12/26/2019

Phone:

817-953-3728

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: