

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.
NMNM92187

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

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

BIG MOOSE FED COM 707H

2. Name of Operator

ASCENT ENERGY LLC

Contact: GEMA VOLEK

E-Mail: gvolek@ascentenergy.us

9. API Well No.

30-025-46549-00-X1

3a. Address

1125 17TH ST SUITE 410
DENVER, CO 80202

3b. Phone No. (include area code)

Ph: 785-312-2092

10. Field and Pool or Exploratory Area
WILDCAT;WOLFCAMP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 1 T21S R32E SWSW 308FSL 895FWL
32.501518 N Lat, 103.634010 W Lon

11. County or Parish, State

LEA COUNTY, NM

OCD - HOBBS
03/25/2020
RECEIVED**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

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.

Please see the attached specs for proposed changes to the casing (including a change from 4-string to 5-string), cementing and mud program.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #505247 verified by the BLM Well Information System
For ASCENT ENERGY LLC, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 03/03/2020 (20PP1508SE)

Name (Printed/Typed) CORY WALK

Title AGENT

Signature (Electronic Submission)

Date 03/03/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By RETURNED	YOLANDA JIMENEZ Title PETROLEUM ENGINEER	Date 03/23/2020
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 ******KZ**

Revisions to Operator-Submitted EC Data for Sundry Notice #505247

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	APDCH NOI	APDCH NOI
Lease:	NMNM092187	NMNM92187
Agreement:		
Operator:	ASCENT ENERGY LLC 1621 18TH STREET SUITE 200 DENVER, CO 80202 Ph: 720-710-8999	ASCENT ENERGY LLC 1125 17TH ST SUITE 410 DENVER, CO 80202 Ph: 720.524.3449
Admin Contact:	GEMA VOLEK DRILLING MANAGER E-Mail: gvolek@ascentenergy.us Ph: 785-312-2092	GEMA VOLEK DRILLING MANAGER E-Mail: gvolek@ascentenergy.us Ph: 785-312-2092
Tech Contact:	CORY WALK CONSULTANT E-Mail: cory@permitswest.com Ph: 505-466-8120	CORY WALK AGENT E-Mail: cory@permitswest.com Ph: 505-466-8120
Location:		
State:	NM	NM
County:	LEA	LEA
Field/Pool:	WOLFCAMP [98033]	WILDCAT;WOLFCAMP
Well/Facility:	BIG MOOSE FED COM 707H Sec 1 T21S R32E Mer 1PM SWSW 308FSL 895FWL 32.501518 N Lat, 103.634008 W Lon	BIG MOOSE FED COM 707H Sec 1 T21S R32E SWSW 308FSL 895FWL 32.501518 N Lat, 103.634010 W Lon

Big Moose Fed Com 707H – Casing Design Sundry

Casing Design

Hole Size	Interval		Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
24	0'	1,630'	20	133.0	J-55	BTC	1.125	1.25	1.60
17.5	0'	3,200'	13.375	68.0	J-55	BTC	1.125	1.25	1.60
12.25	0'	5,500'	9.625	40.0	HCL-80	LTC	1.125	1.25	1.60
8.75	0'	11,100'	7.625	29.7	HCP-110	EZGO HT	1.125	1.25	1.60
6.75	0'	18,245'	5.5	20.0	HCP-110	EZGO HT	1.125	1.25	1.60

Calculated DFs									
Setting Depth (MD)	Setting Depth (TVD)	MW	FG	Collapse	Burst	Tensile	DF Collapse	DF Burst	DF Tension
1,630'	1,630'	9.6	0.7	1500	3060	2012	1.84	3.60	6.35
3,200'	3,200'	10	0.7	1950	3450	1140	1.17	1.80	3.59
5,500'	5,500'	8.5	0.7	4230	5750	837	1.74	1.70	2.62
11,100	11,100'	9.0	0.8	7780	9470	567	1.50	1.40	1.32
18,245	11,600'	10.5	0.8	11100	12640	499	1.75	1.80	1.50

Drilling Fluids

Interval		Type	Weight	Viscosity	Water Loss
0'	1,630'	Fresh Water	8.4-9.6	34-38	N/C
1,630'	3,200'	Brine Water	10	28-34	N/C
3,200'	5,500'	Fresh Water	8.4-8.6	28-34	N/C
5,500'	11,100'	OBM	9	38-40	N/C
11,100'	18,245'	OBM	10.2-10.5	40-45	N/C

Cement Volumes

Depth	Sacks	Wt. ppg	Yld Ft ³ /sk	BBLs	Slurry Description
20	1130	13.5	1.72	346	Class C
1630'	610	14.8	1.33	144	Class C
13.375	1780	12.7	2.32	735	Class C
3200'	395	14.8	1.33	94	Class C
9.625	1265	11.5	2.32	339	POZ Class C
5500'	305	14.8	1.33	240	POZ Class C
7.625	400	12	1.78	127	50/50 POZ H
11,100'	280	14.8	1.14	57	25/75 POZ H
5.5	295	11	2.48	130	Nine Lite Cement
18245	550	13.2	1.47	144	35/65 POZ H



EZGO™ Connection Data Sheet

Your Requirements

(5.90 coupling od)

Pipe Size (OD): **5.50 in**

Weight: **20.00 lb/ft** Grade: **P-110 HC**

Connection: **EZGO™ HT**

Material

Grade	P-110 HC
Minimum Yield Strength	110,000 psi
Minimum Ultimate Strength	125,000 psi

Pipe Dimensions

Nominal OD	5.5 in
Nominal ID	4.78 in
Nominal Wall Thickness	0.361 in
Nominal Weight	20.00 lbs/ft
Plain End Weight	19.83 lbs/ft
Nominal Pipe Body Area	5.828 sq in

Pipe Body Performance

Minimum Pipe Body Yield Strength	641,000 lbs
Minimum Collapse Pressure	13,840 psi
Minimum Internal Yield Pressure	12,640 psi
Hydrostatic Test Pressure	11,600 psi

Torque Values

Minimum Final Torque	7,620 ft-lbs
Maximum Final Torque	10,751 ft-lbs
Operational Max	27,700 ft-lbs



EZGO™ Connection Dimensions

Connection OD	5.9 in
Connection ID	4.778 in
Connection Drift Diameter	4.653 in
Make-Up Loss	4.06 in
Joint Efficiency	77%

EZGO™ Connection Performance

Joint Strength	499,093 lbs
Compression Rating	641,360 lbs
Collapse Pressure Rating	13,840 psi
Internal Pressure Resistance	12,635 psi
Maximum Uniaxial Bend Rating	37.7°/100 ft



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www.ezgoconnections.com



EZGO™ Connection Data Sheet

Your Requirements (SC 7.9 COUPLING OD) (5.157 sq.in critical area on coupling)

Pipe Size (OD): **7.625 in**

Weight: **29.7 lb/ft**

Grade: **P-110HC** Connection: **EZGO™ HT**

Material

Grade	P-110 HC
Minimum Yield Strength	110,000 psi
Minimum Ultimate Strength	125,000 psi

Pipe Dimensions

Nominal OD	7.625 in
Nominal ID	6.875 in
Nominal Wall Thickness	0.375 in
Nominal Weight	29.70 lbs/ft
Plain End Weight	29.06 lbs/ft
Nominal Pipe Body Area	8.541 sq in

Pipe Body Performance

Minimum Pipe Body Yield Strength	940,000 lbs
Minimum Collapse Pressure	7,780 psi
Minimum Internal Yield Pressure	9,470 psi
Hydrostatic Test Pressure	8,700 psi

Torque Values

Minimum Final Torque	10,099 ft-lbs
Maximum Final Torque	18,617 ft-lbs
Operational Max	22,594 ft-lbs

The EZGO-HT design concept requires that the connection be made up to shoulder torque



EZGO™ Connection Dimensions

Connection OD	7.9 in
Connection ID	6.825 in
Connection Drift Diameter	6.75 in
Make-Up Loss	4.69 in
Joint Efficiency	100%

EZGO™ Connection Performance

Joint Strength	567,325 lbs
Compression Rating	939,909 lbs
Collapse Pressure Rating	7,780 psi
Internal Pressure Resistance	9,467 psi
Maximum Uniaxial Bend Rating	36.2°/100 ft



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