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OKLAHOMA CORPORATION COMMISSION

Oil & Gas Conservation Division

Post Office Box 52000

Oklahoma City, Oklahoma 73152-2000

Form 1

Rev. 2

1. API No.	045-22366 <b>F</b>
2. OTC Prod. Unit No.	045-113364
3. Date of Application	10/23/2014

4. Application For (check one)

- A. Commingle Completion in the Wellbore (165:10-3-39)  
 B. Commingle Completion at the Surface (165:10-3-39)  
 C. Multiple (Dual) Completion (165:10-3-36)  
 D. Downhole Multiple Choke Assembly (165:10-3-37)

5. Operator Name <b>Merit Energy Company</b>		OTC/OCC No. <b>18934</b>	Email <b>cristy.kennedy@meritenergy.com</b>
Address <b>13727 Noel Rd, Suite 1200</b>		Phone No. <b>972-628-1504</b>	
City <b>Dallas</b>	State <b>TX</b>	Zip <b>75240</b>	
6. Lease Name/Well No. <b>MILLER 1-2</b>		FAX No.	
Location within section: <b>1/4 1/4 C 1/4 NE 1/4</b>	Sec. <b>02</b>	Twp <b>17N</b>	Rge <b>24W</b>
			County <b>ELLIS</b>

8. The following facts are submitted:	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
A. Name of common source of supply	<b>TONKAWA</b> ✓		<b>CLEVELAND</b> ✓
B. Top and bottom of pay section (perforations)	<b>8052-8150'</b> ✓		<b>9286-8628' 9628'</b>
C. Type of production (oil or gas)	<b>GAS</b> ✓		<b>GAS</b> ✓
D. Method of production (flowing or art. lift)	<b>PUMPING</b> ✓		<b>PUMPING</b> ✓
E. Latest test data by zone (oil, gas, and water)	<b>G: 14MCF; O: 0; W: 108</b>		<b>G: 14MCF; O: 0; W: 108</b>
F. Wellhead or bottom hole pressure	<b>Oklahoma Corporation Commission Oil &amp; Gas Division Approved</b>		
G. Spacing order number and size of unit	<b>83202/640 AC</b> ✓		<b>UNSPACED</b> ✓
H. Increased density order number	<b>N/A</b>		<b>N/A</b> ✓
I. Location exception order number and penalty	<b>N/A</b>		<b>N/A</b> ✓

If 4A, 4B or 4D above, and size of the units under 8G above are not the same, have the different allocations been addressed?  Yes  No

9. List all operators with mailing addresses within 1/2 mile, producing from the above listed zones.

**None N/A** ✓

10. The operators listed above have been notified and furnished a copy of this application.  Yes  No  
 If no, an affidavit of mailing must be filed not later than five (5) days after submission of this application.

11. Classification of well (see OAC 165:10-13-2)  Oil  Gas **RECEIVED**

12. ATTACH THE FOLLOWING:
- A. Correlation log section (porosity, resistivity, or gamma ray) with top and bottom of perforated intervals marked. **OCT 28 2014 log** ✓
- B. Diagrammatic sketch of the proposed completion of the well. ✓
- C. Plat showing the location of all wells within 1/2 mile producing from the zones listed above. ✓ **OKLAHOMA CORPORATION COMMISSION**
- D. If 4B, 4C or 4D above, a Form 1024, Packer Setting Report, and a Form 1025 Packer Leakage Test. ✓
- E. If 4A, 4B or 4D above, and size of the units under 8G above are not the same, have the different allocations been addressed?  Yes  No

I hereby certify that I am authorized to submit this application which was prepared by me or under my supervision. The facts and proposals made herein are true correct and complete to the best of my knowledge and belief.

**CRISTY KENNEDYE**/cristy.kennedy@meritenergy.com  
Signature

**REGULATORY ANALYST**  
Title

**972-628-1504**  
Phone (AC/NO)

OCC USE ONLY

**S.A.** Staff Signature **11, 12, 14** Date  Approved  Rejected

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OKLAHOMA CORPORATION COMMISSION  
Oil & Gas Conservation Division  
Post Office Box 52000  
Oklahoma City, Oklahoma 73152-2000

Form 1023  
Rev. 2007

1. APT No.	045-22366
2. OTC Prod. Unit No.	045-113364
3. Date of Application	10/23/2014

4. Application For (check one)

<input checked="" type="checkbox"/>	A. Commingle Completion in the Wellbore (165:10-3-39)
<input type="checkbox"/>	B. Commingle Completion at the Surface (165:10-3-39)
<input type="checkbox"/>	C. Multiple (Dual) Completion (165:10-3-36)
<input type="checkbox"/>	D. Downhole Multiple Choke Assembly (165:10-3-37)

5. Operator Name	Merit Energy Company	OTC/OCC No.	18934	Email	cristy.kennedy@meritenergy.com									
Address	13727 Noel Rd, Suite 1200			Phone No.	972-628-1504									
City	Dallas	State	TX	Zip	75240									
6. Lease Name/Well No.	MILLER 1-2				FAX No.									
Location within section:	1/4	1/4	C	1/4	NE	1/4	Sec.	02	Twp	17N	Rge	24W	County	ELLIS

8. The following facts are submitted:	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
A. Name of common source of supply	TONKAWA		CLEVELAND
B. Top and bottom of pay section (perforations)	8052-8150'		9286-9628'
C. Type of production (oil or gas)	GAS		GAS
D. Method of production (flowing or art. lift)	PUMPING		PUMPING
E. Latest test data by zone (oil, gas, and water)	G: 14MCF; O: 0; W: 108		G: 14MCF; O: 0; W: 108
F. Wellhead or bottom hole pressure			
G. Spacing order number and size of unit	83202/640 AC		UNSPACED
H. Increased density order number	N/A		N/A
I. Location exception order number and penalty	N/A		N/A

If 4A, 4B or 4D above, and size of the units under 8G above are not the same, have the different allocations been addressed?  Yes  No

9. List all operators with mailing addresses within 1/2 mile, producing from the above listed zones.

N/A	
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10. The operators listed above have been notified and furnished a copy of this application.  Yes  No  
If no, an affidavit of mailing must be filed not later than five (5) days after submission of this application.

11. Classification of well (see OAC 165:10-13-2)  Oil  Gas

12. ATTACH THE FOLLOWING:

A. Correlation log section (porosity, resistivity, or gamma ray) with top and bottom of perforated intervals marked.

B. Diagrammatic sketch of the proposed completion of the well.

C. Plat showing the location of all wells within 1/2 mile producing from the zones listed above.

D. If 4B, 4C or 4D above, a Form 1024, Packer Setting Report, and a Form 1025 Packer Leakage Test.

E. If 4A, 4B or 4D above, and size of the units under 8G above are not the same, have the different allocations been addressed?  Yes  No

I hereby certify that I am authorized to submit this application which was prepared by me or under my supervision. The facts and proposals made herein are true correct and complete to the best of my knowledge and belief.

CRISTY KENNEDYE/cristy.kennedy@meritenergy.com \_\_\_\_\_ REGULATORY ANALYST \_\_\_\_\_ 972-628-1504  
Signature Title Phone (AC/NO)

OCC USE ONLY

Staff Signature _____	Phone No. _____	Date _____	<input type="checkbox"/> Approved	<input type="checkbox"/> Rejected
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Well on Rod pump 1 1/4" P.R.  
 4' Pony Rod  
 72 - 7/8" rods  
 298 - 3/4" rods  
 1 1/4" x 16 x 16 x 20 RHBC  
 Space out 36"

9-5/8" @ 1502'

5042-72' sqz hole in csg

TOC @ 5810' (CBL)

Tonkawa

8052-8150' ✓

2 spf

Upper Cleveland

9286-9382'

2 spf

Lower Cleveland

9525-9628' ✓

6 spf

10' cmt on top

4.5" 10K CIBP @ 9830'

CIBP at 10,110'

Marmaton

10,150'-10,529'

(379' OA, 44 holes)

Cherokee

10,584'-10,632'

(48' OA, 44 holes)

Fish @ 11,112', WFD AS1-X Pkr

Atoka

11,248'-11,258'

(10', 40 holes)

4-1/2" @ 11,450'

PBTD: 11,319'  
 TD: 11,450'

<b>Well Name:</b> Miller 1-2 ✓	<b>Spot:</b> C NE
<b>API No:</b> 35-045-22366	<b>Location:</b> 2-17N-24W 1320' FNL & 1320' FEL
<b>Operator:</b> Merit Energy	<b>Formation:</b> Tonkawa/Cleveland
	<b>Field:</b> Grand
	<b>County:</b> Ellis
	<b>State:</b> OK
	<b>Elevations:</b> 2414' GL
	2433' KB
	<b>TD:</b> 11,450
	<b>PBTD:</b> 9830'

CASING RECORD

SURFACE CASING									
O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.
9.625'	40#	J-55	LTC	0'	1,502'	35	12.250"	610	0'

PRODUCTION CASING									
O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.
4.500'	13.5#	P-110	LTC	0'	11,450'	246	8.750"	1,250	5,810'

TUBING							
O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	PACKER ?
2.375"	4.7#	N-80	EUE	0'	9,218'	292	Tubing Anchor

PERFORATION RECORD

DATE	TOP	BOTTOM	SHOTS	ZONE	STATUS
04/01/2004	11,248'	11,258'	40	Atoka B	plugged
10/16/2005	10,584'	10,608'	24	Cherokee	plugged
	10,612'	10,632'	20	Cherokee	plugged
03/08/2006	10,150'	10,529'	44	Marmaton	plugged
01/19/2014	9,525'	9,628'	8	L Cleveland	Active
01/21/2014	9286'	9380'	9	U Cleveland	Active
01/22/2014	8,052'	8,150'	9	Tonkawa	Active
Total			154		

STIMULATION HISTORY

DATE	STAGE	FRAC	START	STOP	ZONE
01/19/2014	Frac stage 1	9525-28'; 9534-37'	9550-52'; 9557-61'; 9572-74'; 9598-9601'; 9608-10'; 9624-28';		Cleveland
01/21/2014	Frac stage 2	9286-89'; 9299'-9302'; 9310-14'; 9324-27'; 9338-41'; 9352-55'; 9365-69'; 9374-75'; 9380-82'			Cleveland
01/22/2014	Frac stage 3	8052-55'; 8069-70'; 8081-84'; 8090-92'; 8097-99'; 8114-17'; 8127-29'; 8131-33'; 8148-50'			Tonkawa

WELL HISTORY

Unable to pull Weatherford Packer. See fish details below

MISCELLANEOUS

Tubing Detail	Fish Details
	1.875 profile lug nipple 11,112'
	6 ft perf sub
	1.875 X Nipple
	1 ft
	4-1/2" X 2-3/8" AS1-X PKR 11,151'
	1-25/32" SSN w Standing valve 11,157'
	Re-entry guide
	EOT 11,158'
<b>NOTES:</b>	

Engineer: Dale Volley  
 Office #: ###

Prepared By: D Volley  
 Date: 10/21/14

Updated: 10/21/2014  
 Updated:

Updated:  
 Updated:

