

Oklahoma Corporation Commission
Oil & Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000
Rule 165: 10-3-25

Form 1002A

API No.: 35121248350000

Completion Report

Spud Date: December 27, 2018

OTC Prod. Unit No.: 121-225292-0-0000

Drilling Finished Date: January 29, 2019

1st Prod Date: April 22, 2019

Completion Date: March 31, 2019

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: SATTERFIELD 4H-28

Purchaser/Measurer: CLEARWATER ENT LLC

Location: PITTSBURG 28 8N 18E
SE NE SW NW
1929 FNL 1074 FWL of 1/4 SEC
Latitude: 35.1404164 Longitude: -95.4165104
Derrick Elevation: 1045 Ground Elevation: 1020

First Sales Date: 04/22/2019

Operator: RED MOUNTAIN OPERATING LLC 23694

5901 N WESTERN AVE
OKLAHOMA CITY, OK 73118-1253

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	684694		686661	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	13 3/8	48	J-55	326	550	360	SURFACE
INTERMEDIATE	9 5/8	40	J-55	3111	728	500	SURFACE
PRODUCTION	5 1/2	20	P-110	15928	1000	2300	1609

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
There are no Liner records to display.								

Total Depth: 15952

Packer	
Depth	Brand & Type
There are no Packer records to display.	

Plug	
Depth	Plug Type
There are no Plug records to display.	

Initial Test Data

Test Date	Formation	Oil BBL/Day	Oil-Gravity (API)	Gas MCF/Day	Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut-In Pressure	Choke Size	Flow Tubing Pressure
May 15, 2019	WOODFORD			2100		1370	FLOWING	420	64/64	340

Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: GAS

Spacing Orders

Order No	Unit Size
679486	640
689030	640 NPT
679487	640
684614	MULTIUNIT

Perforated Intervals

From	To
8180	15858

Acid Volumes

107,730 GALLONS

Fracture Treatments

6,741,880 POUNDS SAND, 331,280 BARRELS FLUID

Formation	Top
MISSISSIPPIAN	7199
MAYES	7511
WOODFORD	7651
HUNTON	7713

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks

OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED NEITHER THE FINAL LOCATION EXCEPTION NOR THE FINAL MULTIUNIT ORDERS HAVE BEEN ISSUED.

Lateral Holes

Sec: 33 TWP: 8N RGE: 18E County: PITTSBURG

SW SW SW SE

166 FSL 2598 FEL of 1/4 SEC

Depth of Deviation: 7400 Radius of Turn: 0 Direction: 179 Total Length: 8552

Measured Total Depth: 15952 True Vertical Depth: 7897 End Pt. Location From Release, Unit or Property Line: 166

FOR COMMISSION USE ONLY

Status: Accepted

1143656

API NO. 121-24835
OTC PROD. 121-225292
UNIT NO.

(PLEASE TYPE OR USE BLACK INK ONLY)

OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000
Rule 165:10-3-25

RECEIVED

AUG 28 2019

Form 1002A
Rev. 2009

☒ ORIGINAL
☐ AMENDED (Reason)

COMPLETION REPORT

TYPE OF DRILLING OPERATION

☐ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☒ HORIZONTAL HOLE

If directional or horizontal, see reverse for bottom hole location.

COUNTY **Pittsburg** SEC **28** TWP **08N** RGE **18E**
LEASE NAME **Satterfield FNL 1429** WELL NO. **4H-28**
SE 1/4 NE 1/4 SW 1/4 NW 1/4 FSL OF 1/4 SEC **1931** FWL OF 1/4 SEC **1074**
ELEVATION **1045** Ground **1020** Latitude (if known) **35.1404164** Longitude (if known) **-95.4165104**
OPERATOR NAME **Red Mountain Operating LLC** OTC / OCC OPERATOR NO. **23694**
ADDRESS **5901 N Western Ave Suite 200**
CITY **Oklahoma City** STATE **OK** ZIP **73118**

SPUD DATE **12/27/2018**

DRLG FINISHED DATE **1/29/2019**

DATE OF WELL COMPLETION **3/31/2019**

1st PROD DATE **4/22/2019**

RECOMP DATE

LOCATE WELL

LOCATE WELL

COMPLETION TYPE

☒ SINGLE ZONE
☐ MULTIPLE ZONE
Application Date
☐ COMMINGLED
Application Date
LOCATION EXCEPTION ORDER NO. **684694**
INCREASED DENSITY ORDER NO. **686661**

CASING & CEMENT (Attach Form 1002C)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR							
SURFACE	13 3/8"	48#	J-55	326	550	360	Surface
INTERMEDIATE	9 5/8"	40#	J-55	3,111	728	500	Surface
PRODUCTION	5 1/2"	20#	P110	15,928	1000	2300	14340 1609
LINER							
				TOTAL DEPTH	15,952		

PACKER @ BRAND & TYPE

PLUG @

TYPE

PLUG @

TYPE

TOTAL DEPTH

15,952

PACKER @ BRAND & TYPE

PLUG @

TYPE

PLUG @

TYPE

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION **Woodford**
SPACING & SPACING **640 / 679486**
ORDER NUMBER **679487(640)**
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc **Dry Gas**
PERFORATED INTERVALS **8,180'-15,858'**
ACID/VOLUME **107,730 GAL**
FRACTURE TREATMENT (Fluids/Prop Amounts) **6,741,880# SD**
331,280 BBL FLUID

Min Gas Allowable (165:10-17-7)

☒

OR

Oil Allowable (165:10-13-3)

Gas Purchaser/Measurer

First Sales Date

Clearwater Ent LLC

4/22/2019

INITIAL TEST DATA

INITIAL TEST DATE **5/15/2019**
OIL-BBL/DAY **0**
OIL-GRAVITY (API)
GAS-MCF/DAY **2100**
GAS-OIL RATIO CU FT/BBL
WATER-BBL/DAY **1370**
PUMPING OR FLOWING **Flowing**
INITIAL SHUT-IN PRESSURE **420**
CHOKE SIZE **64/64"**
FLOW TUBING PRESSURE **340**

AS SUBMITTED

A record of the formations drilled through, and pertinent remarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this report, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.

SIGNATURE

5901 N Western Ave Suite 200

ADDRESS

Tim Cummings

NAME (PRINT OR TYPE)

Oklahoma City

CITY

OK

STATE

73118

ZIP

7/24/2019

DATE

(405) 842-4500

PHONE NUMBER

tcummings@redmountainenergy.net

EMAIL ADDRESS

PLEASE TYPE OR USE BLACK INK ONLY
FORMATION RECORD

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

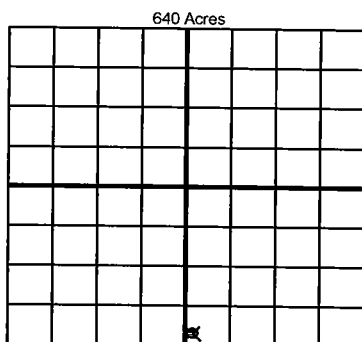
NAMES OF FORMATIONS	TOP
MISSISSIPPIAN	7,199
MAYES	7,511
WOODFORD	7,651
HUNTON	7,713

LEASE NAME Satterfield WELL NO. 4H-28

FOR COMMISSION USE ONLY	
ITD on file <input type="checkbox"/> YES <input type="checkbox"/> NO	
APPROVED _____	DISAPPROVED _____
2) Reject Codes	

Were open hole logs run?	yes	<input checked="" type="checkbox"/> no
Date Last log was run	_____	
Was CO ₂ encountered?	yes	<input checked="" type="checkbox"/> no at what depths? _____
Was H ₂ S encountered?	yes	<input checked="" type="checkbox"/> no at what depths? _____
Were unusual drilling circumstances encountered?	yes	<input checked="" type="checkbox"/> no
If yes, briefly explain below		

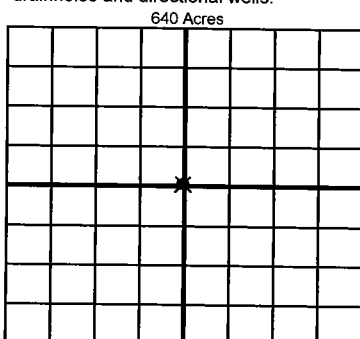
Other remarks:



If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.

Direction must be stated in degrees azimuth.
Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit.

Directional surveys are required for all drainholes and directional wells.



BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUNTY
Spot Location	1/4	1/4	1/4
Measured Total Depth	True Vertical Depth	BHL From Lease, Unit, or Property Line:	

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1			
SEC	TWP	RGE	COUNTY
33	08N	18E	Pittsburg
Spot Location	SW 1/4	SW 1/4	SW 1/4 SE 1/4
Depth of Deviation	7400'	Radius of Turn	Direction 179
Measured Total Depth	15,952	True Vertical Depth	7,897
FSL 166		FWL 2598	
Total Length 8,552		BHL From Lease, Unit, or Property Line: 166' FSL	

LATERAL #2			
SEC	TWP	RGE	COUNTY
Spot Location	1/4	1/4	1/4
Depth of Deviation	Radius of Turn	Direction	Total Length
Measured Total Depth	True Vertical Depth	BHL From Lease, Unit, or Property Line:	

LATERAL #3			
SEC	TWP	RGE	COUNTY
Spot Location	1/4	1/4	1/4
Depth of Deviation	Radius of Turn	Direction	Total Length
Measured Total Depth	True Vertical Depth	BHL From Lease, Unit, or Property Line:	



Well Location Plat - As-Drilled

S.H.L. Sec. 28-8N-18E I.M.
B.H.L. Sec. 33-8N-18E I.M.

Operator: RED MOUNTAIN ENERGY, LLC
Lease Name and No.: SATTERFIELD 4H-28
Footage: 1929' FNL - 1074' FWL Gr. Elevation: 1020'
Section: 28 Township: 8N Range: 18E I.M.
County: Pittsburg State of Oklahoma
Terrain at Loc.: Location fell on top of a hill slightly in trees.



All bearings shown
are geodetic bearings
unless noted.

0 600 1200 1800
1" = 1320'

GPS DATUM
NAD 83
OK SOUTH ZONE

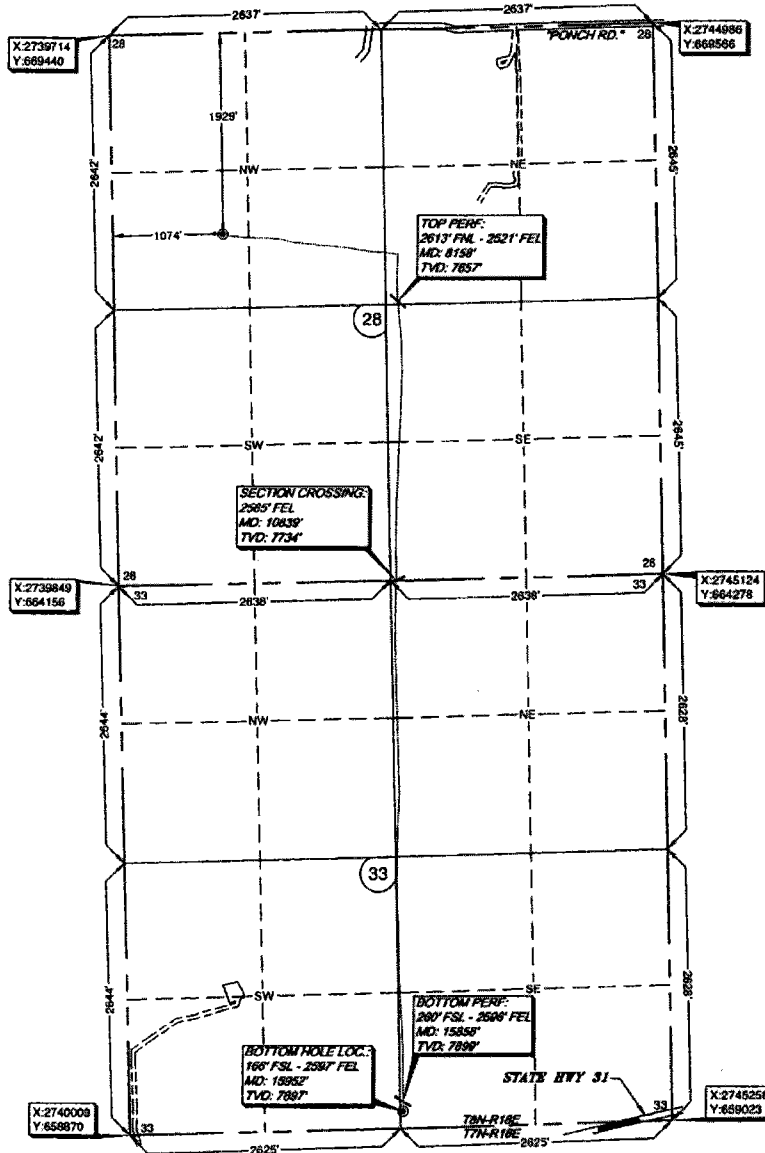
Surface Hole Loc.:
Lat: 35°08'25.50"N
Lon: 95°24'59.44"W
Lat: 35.14041636
Lon: -95.41651039
X: 2740637
Y: 667536

Top Perf:
Lat: 35°08'18.71"N
Lon: 95°24'39.21"W
Lat: 35.13853017
Lon: -95.41089134
X: 2742534
Y: 666893

Section Crossing:
Lat: 35°07'52.26"N
Lon: 95°24'39.96"W
Lat: 35.13118327
Lon: -95.41110013
X: 2742540
Y: 664218

Bottom Perf:
Lat: 35°07'02.68"N
Lon: 95°24'40.11"W
Lat: 35.11741206
Lon: -95.41114223
X: 2742656
Y: 659207

Bottom Hole Loc.:
Lat: 35°07'01.75"N
Lon: 95°24'40.12"W
Lat: 35.11715383
Lon: -95.41114527
X: 2742657
Y: 659113



*Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inaccuracy is determined. GPS data is observed from RTK - GPS.
NOTE: X and Y data shown herein for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey. Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from adjoining section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.

Survey and plat by:
Arkoma Surveying and Mapping, PLLC
P.O. Box 238 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-5030
Certificate of Authorization No. 5348
Expires June 30, 2020

Invoice #7930-A-B-AD
Date Staked: 10/05/18 By: M.G.
Date Drawn: 10/10/18 By: E.W.
Revise Perf: 11/02/18 By: D.B.
Add Directional Survey: 02/06/19 By: R.S.

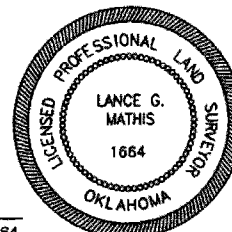
Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

Lance G. Mathis
LANCE G. MATHIS

02/07/19

OK LPLS 1664



API NO. 121-24835
OTC PROD. 121-225292
UNIT NO.

(PLEASE TYPE OR USE BLACK INK ONLY)

OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000
Rule 165:10-3-25

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Rev. 2009

☒ ORIGINAL
☐ AMENDED (Reason)

COMPLETION REPORT

TYPE OF DRILLING OPERATION

☐ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☒ HORIZONTAL HOLE

If directional or horizontal, see reverse for bottom hole location.

COUNTY **Pittsburg** SEC **28** TWP **08N** RGE **18E**
LEASE NAME **Satterfield FNL 1429** WELL NO. **4H-28**
SE 1/4 NE 1/4 SW 1/4 NW 1/4 FSL OF 1/4 SEC **1931** FWL OF 1/4 SEC **1074**
ELEVATION **1045** Ground **1020** Latitude (if known) **35.1404164** Longitude (if known) **-95.4165104**
OPERATOR NAME **Red Mountain Operating LLC** OTC / OCC OPERATOR NO. **23694**
ADDRESS **5901 N Western Ave Suite 200**
CITY **Oklahoma City** STATE **OK** ZIP **73118**

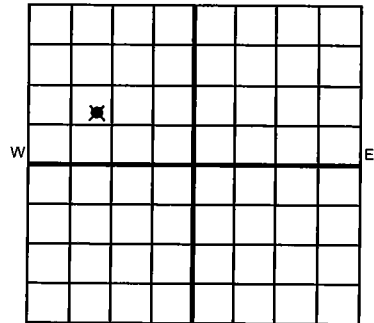
SPUD DATE **12/27/2018**

DRLG FINISHED DATE **1/29/2019**

DATE OF WELL COMPLETION **3/31/2019**

1st PROD DATE **4/22/2019**

RECOMP DATE



LOCATE WELL

COMPLETION TYPE

☒ SINGLE ZONE
☐ MULTIPLE ZONE
Application Date
☐ COMMINGLED
Application Date
LOCATION EXCEPTION ORDER NO. **684694**
INCREASED DENSITY ORDER NO. **686661**

CASING & CEMENT (Attach Form 1002C)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR							
SURFACE	13 3/8"	48#	J-55	326	550	360	Surface
INTERMEDIATE	9 5/8"	40#	J-55	3,111	728	500	Surface
PRODUCTION	5 1/2"	20#	P110	15,928	1000	2300	14340 1609
LINER							
				TOTAL DEPTH	15,952		

PACKER @ BRAND & TYPE

PLUG @

TYPE

PLUG @

TYPE

TOTAL DEPTH

15,952

PACKER @ BRAND & TYPE

PLUG @

TYPE

PLUG @

TYPE

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Woodford	319 WDFD					
SPACING & SPACING	640 / 679486	679487 (640)					
ORDER NUMBER		689030 (640) NPT					
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Dry Gas	684614 (Multi unit)					
PERFORATED INTERVALS	8,180'-15,858'						
ACID/VOLUME	107,730 GAL						
FRACTURE TREATMENT (Fluids/Prop Amounts)	6,741,880# SD						
	331,280 BBL FLUID						

Reported to Free Focus

☒ Min Gas Allowable (165:10-17-7)
OR
☐ Oil Allowable (165:10-13-3)

Gas Purchaser/Measurer
First Sales Date

Clearwater Ent LLC
4/22/2019

INITIAL TEST DATA

INITIAL TEST DATE	5/15/2019					
OIL-BBL/DAY	0					
OIL-GRAVITY (API)						
GAS-MCF/DAY	2100					
GAS-OIL RATIO CU FT/BBL						
WATER-BBL/DAY	1370					
PUMPING OR FLOWING	Flowing					
INITIAL SHUT-IN PRESSURE	420					
CHOKE SIZE	64/64"					
FLOW TUBING PRESSURE	340					

AS SUBMITTED

A record of the formations drilled through, and pertinent remarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this report, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.

SIGNATURE **Tim Cummings** DATE **7/24/2019** PHONE NUMBER **(405) 842-4500**
ADDRESS **5901 N Western Ave Suite 200** CITY **Oklahoma City** STATE **OK** ZIP **73118** EMAIL ADDRESS **tcummings@redmountainenergy.net**

PLEASE TYPE OR USE BLACK INK ONLY
FORMATION RECORD

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

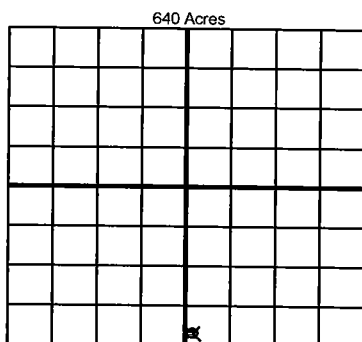
NAMES OF FORMATIONS	TOP
MISSISSIPPIAN	7,199
MAYES	7,511
WOODFORD	7,651
HUNTON	7,713

LEASE NAME Satterfield WELL NO. 4H-28

FOR COMMISSION USE ONLY	
ITD on file <input type="checkbox"/> YES <input type="checkbox"/> NO	
APPROVED _____	DISAPPROVED _____
2) Reject Codes	

Were open hole logs run?	yes	<input checked="" type="checkbox"/> no
Date Last log was run	_____	
Was CO ₂ encountered?	yes	<input checked="" type="checkbox"/> no at what depths? _____
Was H ₂ S encountered?	yes	<input checked="" type="checkbox"/> no at what depths? _____
Were unusual drilling circumstances encountered?	yes	<input checked="" type="checkbox"/> no
If yes, briefly explain below		

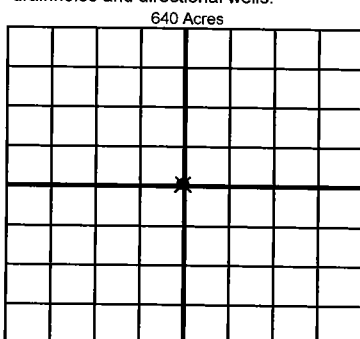
Other remarks:



If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.

Direction must be stated in degrees azimuth.
Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit.

Directional surveys are required for all drainholes and directional wells.



BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUNTY
Spot Location			
1/4	1/4	1/4	1/4
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line:

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1			
SEC	TWP	RGE	COUNTY
33	08N	18E	Pittsburg
Spot Location			
SW 1/4	SW 1/4	SW 1/4	SE 1/4
Depth of Deviation		Radius of Turn	Direction
7400'			179
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line:
15,952		7,897	166' FSL

LATERAL #2			
SEC	TWP	RGE	COUNTY
Spot Location			
1/4	1/4	1/4	1/4
Depth of Deviation		Radius of Turn	Direction
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line:

LATERAL #3			
SEC	TWP	RGE	COUNTY
Spot Location			
1/4	1/4	1/4	1/4
Depth of Deviation		Radius of Turn	Direction
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line:



Well Location Plat - As-Drilled

S.H.L. Sec. 28-8N-18E I.M.
B.H.L. Sec. 33-8N-18E I.M.

Operator: RED MOUNTAIN ENERGY, LLC
Lease Name and No.: SATTERFIELD 4H-28
Footage: 1929' FNL - 1074' FWL Gr. Elevation: 1020'
Section: 28 Township: 8N Range: 18E I.M.
County: Pittsburg State of Oklahoma
Terrain at Loc.: Location fell on top of a hill slightly in trees.



All bearings shown
are geodetic bearings
unless noted.

0 600 1200 1800
1" = 1320'

GPS DATUM
NAD 83
OK SOUTH ZONE

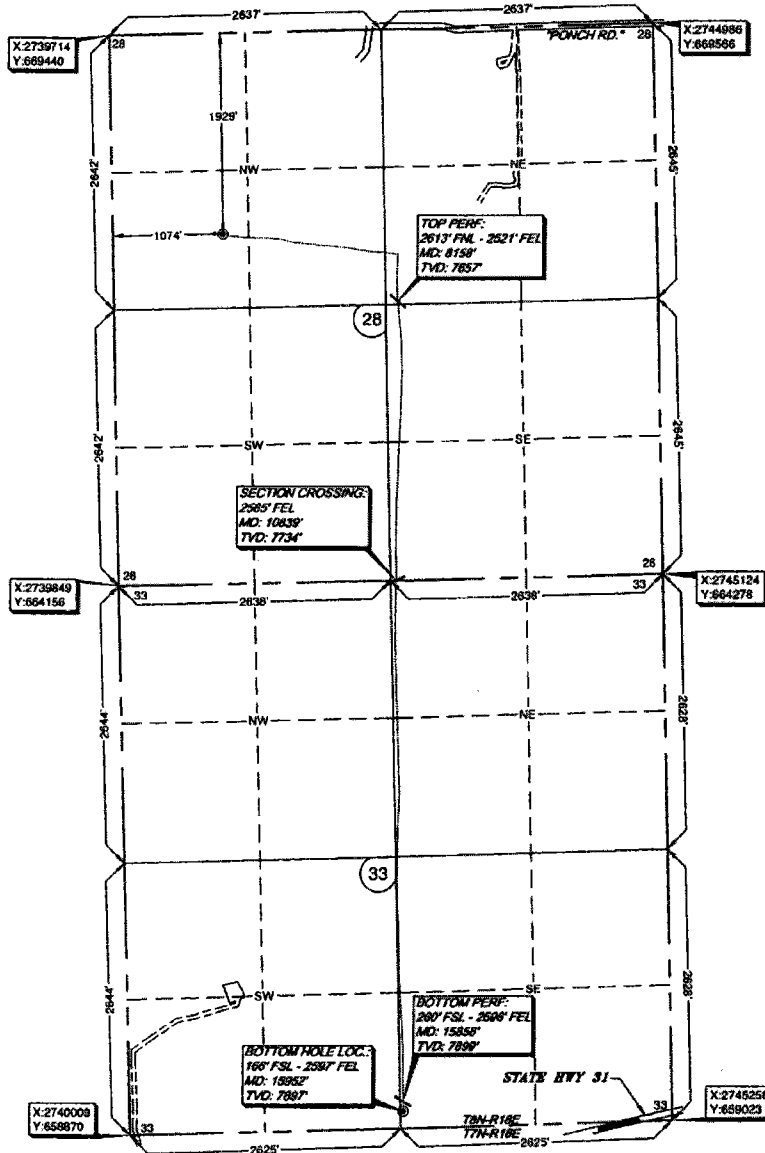
Surface Hole Loc.:
Lat: 35°08'25.50"N
Lon: 95°24'59.44"W
Lat: 35.14041636
Lon: -95.41651039
X: 2740637
Y: 667536

Top Perf:
Lat: 35°08'18.71"N
Lon: 95°24'39.21"W
Lat: 35.13853017
Lon: -95.41089134
X: 2742534
Y: 666893

Section Crossing:
Lat: 35°07'52.26"N
Lon: 95°24'39.96"W
Lat: 35.13118327
Lon: -95.41110013
X: 2742540
Y: 664218

Bottom Perf:
Lat: 35°07'02.68"N
Lon: 95°24'40.11"W
Lat: 35.11741206
Lon: -95.41114223
X: 2742656
Y: 659207

Bottom Hole Loc.:
Lat: 35°07'01.75"N
Lon: 95°24'40.12"W
Lat: 35.11715383
Lon: -95.41114527
X: 2742657
Y: 659113



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NOTE: X and Y data shown herein for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey. Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from adjoining section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.

Survey and plat by:
Arkoma Surveying and Mapping, PLLC
P.O. Box 238 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-5030
Certificate of Authorization No. 5348
Expires June 30, 2020

Invoice #7930-A-B-AD
Date Staked: 10/05/18 By: M.G.
Date Drawn: 10/10/18 By: E.W.
Revise Perf: 11/02/18 By: D.B.
Add Directional Survey: 02/06/19 By: R.S.

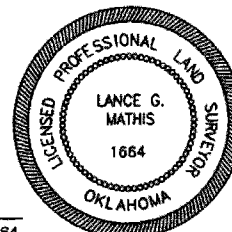
Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

Lance G. Mathis
LANCE G. MATHIS

02/07/19

OK LPLS 1664



Eff 10/1/19

Oklahoma Corporation Commission
Oil & Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000
Rule 165: 10-3-25

Form 1002A
1002A Addendum

API No.: 35121248350000

Completion Report

Spud Date: December 27, 2018

OTC Prod. Unit No.: 121-225292-0-0000 -

Drilling Finished Date: January 29, 2019

1st Prod Date: April 22, 2019

Completion Date: March 31, 2019

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: SATTERFIELD 4H-28

Purchaser/Measurer: CLEARWATER ENT LLC

Location: PITTSBURG 28 8N 18E
SE NE SW NW
1929 FNL 1074 FWL of 1/4 SEC
Latitude: 35.1404164 Longitude: -95.4165104
Derrick Elevation: 1045 Ground Elevation: 1020

First Sales Date: 04/22/2019

Operator: RED MOUNTAIN OPERATING LLC 23694

5901 N WESTERN AVE
OKLAHOMA CITY, OK 73118-1253

Multunit:

Sec 28: 34.5923% 225292 I
Sec 33: 65.4077% 225292A I

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
684694

Increased Density
Order No
686661

MUFO: 710979

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	13 3/8	48	J-55	326	550	360	SURFACE
INTERMEDIATE	9 5/8	40	J-55	3111	728	500	SURFACE
PRODUCTION	5 1/2	20	P-110	15928	1000	2300	1609

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
There are no Liner records to display.								

Total Depth: 15952

Packer	
Depth	Brand & Type
There are no Packer records to display.	

Plug	
Depth	Plug Type
There are no Plug records to display.	

Initial Test Data

5/15/19 319WDFD 420

October 01, 2019

Recvd 9/25/19

1 of 2

Test Date	Formation	Oil BBL/Day	Oil-Gravity (API)	Gas MCF/Day	Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut-In Pressure	Choke Size	Flow Tubing Pressure
May 15, 2019	WOODFORD			2100		1370	FLOWING	420	64/64	340

Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: GAS

Spacing Orders

Order No	Unit Size
679486	640
689030	640 NPT
679487	640
684614	MULTIUNIT

Perforated Intervals

From	To
8180	15858

Acid Volumes

107,730 GALLONS

Fracture Treatments

6,741,880 POUNDS SAND, 331,280 BARRELS FLUID

Formation	Top
MISSISSIPPIAN	7199
MAYES	7511
WOODFORD	7651
HUNTON	7713

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks

OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED NEITHER THE FINAL LOCATION EXCEPTION NOR THE FINAL MULTIUNIT ORDERS HAVE BEEN ISSUED.

Lateral Holes

Sec: 33 TWP: 8N RGE: 18E County: PITTSBURG

SW SW SW SE

166 FSL 2598 FEL of 1/4 SEC

Depth of Deviation: 7400 Radius of Turn: 0 Direction: 179 Total Length: 8552

Measured Total Depth: 15952 True Vertical Depth: 7897 End Pt. Location From Release, Unit or Property Line: 166

FOR COMMISSION USE ONLY

Status: Accepted

1143656