

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(Rule 165:10-3-1)

API NUMBER: 121 24868

Approval Date: 11/21/2019

Expiration Date: 05/21/2021

Horizontal Hole
Oil & Gas
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 7N Rge: 18E County: PITTSBURG
SPOT LOCATION: NE NE NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 314 260

Lease Name: PRYOR TRUST 0718 Well No: 3H-9 Well will be 260 feet from nearest unit or lease boundary.

Operator Name: RED MOUNTAIN OPERATING LLC

Telephone: 4058424500

OTC/OCC Number: 23694 0

RED MOUNTAIN OPERATING LLC
5901 N WESTERN AVE
OKLAHOMA CITY, OK 73118-1253

ISAAC EDWARD AND ALICE A PRYOR
PO BOX 700720
TULSA OK 74170

Formation(s) (Permit Valid for Listed Formations Only):

	Name	Depth	Name	Depth
1	CROMWELL	6820	6	
2	MISSISSIPPIAN	7091	7	
3	WOODFORD	7600	8	
4	HUNTON	7677	9	
5			10	

Spacing Orders: 665457 Location Exception Orders: 702962 Increased Density Orders: 702345
702961 702346
46096

Pending CD Numbers:

Special Orders:

Total Depth: 18500 Ground Elevation: 618 Surface Casing: 300 Depth to base of Treatable Water-Bearing FM: 130

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 19-37017

H. SEE MEMO

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1.
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District
Office of the Conservation Division as to when Surface Casing will be run.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 04 Twp 7N Rge 18E County PITTSBURG

Spot Location of End Point: NE NE NE NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 2544

Depth of Deviation: 8030

Radius of Turn: 573

Direction: 20

Total Length: 9570

Measured Total Depth: 18500

True Vertical Depth: 9000

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category

Description

HYDRAULIC FRACTURING

10/7/2019 - GC2 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

INCREASED DENSITY - 702345

11/21/2019 - GB6 - 9-7N-18E
X665457 WDFD
1 WELL
NO OP. NAMED
9/17/2019

INCREASED DENSITY - 702346

11/21/2019 - GB6 - 4-7N-18E
X665457 WDFD
1 WELL
NO OP. NAMED
9/17/2019

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

121 24868 PRYOR TRUST 0718 3H-9

LOCATION EXCEPTION - 702962	11/21/2019 - GB6 - (I.O.) 9 & 4 -7N-18E X665457 MSSP, WDFD, HNTN SHL (17-7N-18E) 314' FNL, 260' FEL COMPL. INT. (9-7N-18E) NCT 1200' FSL, NCT 0' FNL, NCT 220' FWL COMPL. INT. (4-7N-18E) NCT 0' FSL, NCT 165' FNL, NCT 2200' FWL RED MOUNTAIN OPERATING, LLC AND/OR RED MOUNTAIN ENERGY LLC 9/30/2019
MEMO	10/7/2019 - GC2 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 46096	11/21/2019 - GB6 - (640) 4 & 9 -7N-18E VAC 20109 CMWL, OTHER EXT 299105/38347/43572/44925 CMWL EXT OTHER
SPACING - 665457	11/21/2019 - GB6 - (640)(HOR) 9 & 4 -7N-18E EST MSSP, WDFD, HNTN COMPL. INT. (MSSP, HNTN) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FSL, NCT 165' FNL, NCT 330' FEL, NCT 330' FWL
SPACING - 702961	11/21/2019 - GB6 - (I.O.) 9 & 4 -7N-18E EST MULTIUNIT HORIZONTAL WELL X665457 MSSP, WDFD, HNTN (MSSP, HNTN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 65% 4-7N-18E 35% 9-7N-18E RED MOUNTAIN OPERATING, LLC 9/30/2019



Well Location Plat

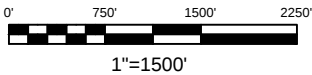
S.H.L. Sec. 17-7N-18E I.M.
B.H.L. Sec. 4-7N-18E I.M.

Operator: RED MOUNTAIN ENERGY, LLC
Lease Name and No.: PRYOR TRUST 3H 0718
Footage: 314' FNL - 260' FEL Gr. Elevation: N/A
Section: 17 Township: 7N Range: 18E I.M.
County: Pittsburg State of Oklahoma
Terrain at Loc.: Location fell in flat pasture.

121-24868



All bearings shown
are grid bearings.

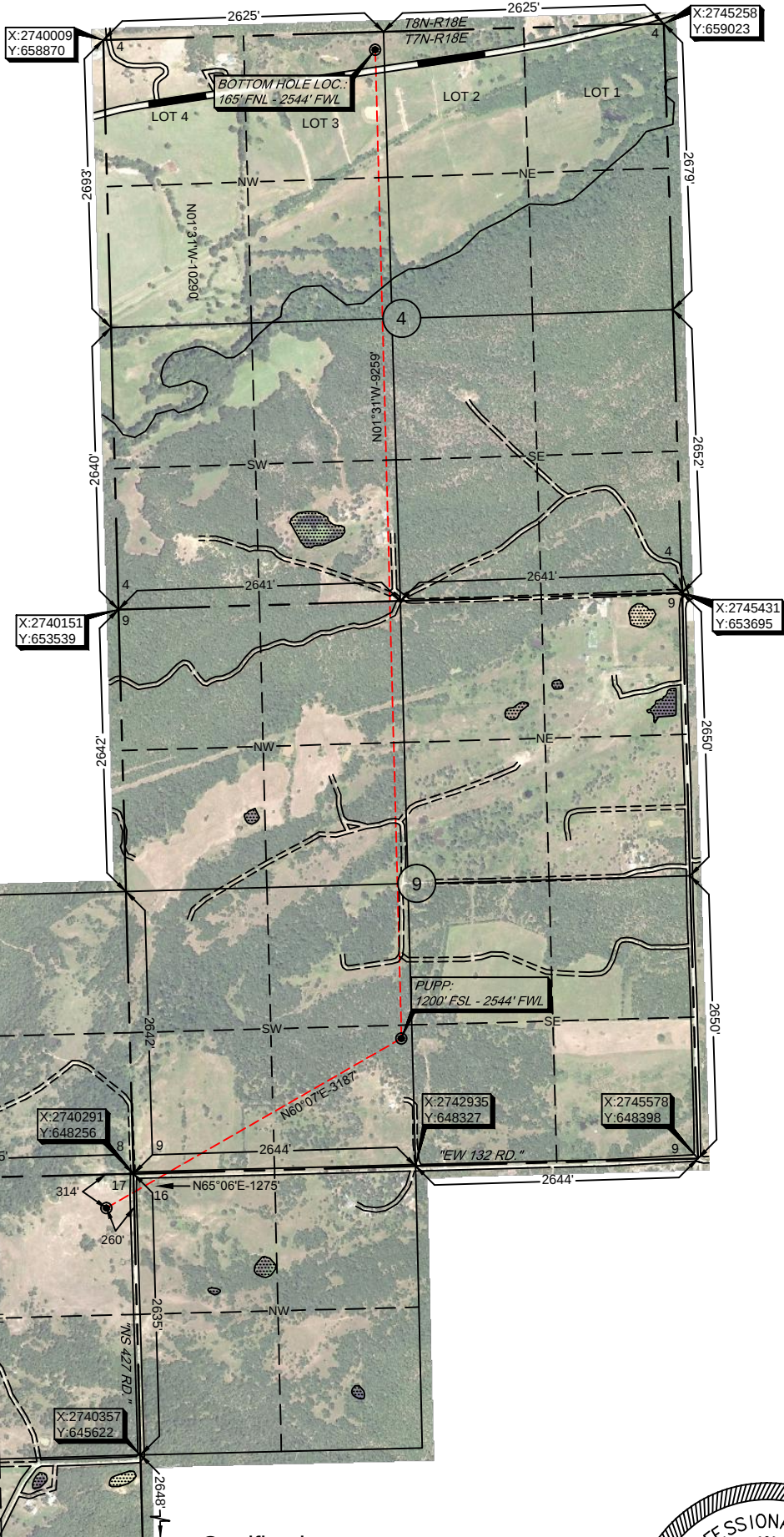


GPS DATUM
NAD 83
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°05'11.90"N
Lon: 95°25'15.07"W
Lat: 35.08663861
Lon: -95.42085182
X: 2740039
Y: 647936

PUPP:
Lat: 35°05'26.90"N
Lon: 95°24'41.34"W
Lat: 35.09080651
Lon: -95.41148246
X: 2742803
Y: 649524

Bottom Hole Loc.:
Lat: 35°06'58.48"N
Lon: 95°24'41.44"W
Lat: 35.11624381
Lon: -95.41151152
X: 2742556
Y: 658779



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 inconsistency is determined. GPS data is observed from RTK - GPS.

NOTE: X and Y data shown hereon 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 opposing 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 #6688-A
Date Staked: N/A
Date Drawn: 07/01/19 By: E.W.

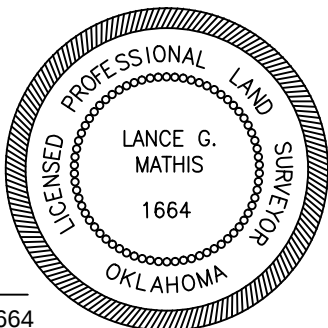
Certification:

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

07/26/19

OK LPLS 1664





A circular professional seal for a land surveyor. The outer ring contains the text "LICENSED PROFESSIONAL LAND SURVEYOR" at the top and "OKLAHOMA" at the bottom. Inside this ring is a smaller circle with a beaded border. Within the beaded circle, the text "LANCE G. MATHIS" is centered, with the license number "1664" below it. The seal is stamped in black ink on a light-colored background.



NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey.

County Highway Vicinity Map



Job #: 6688-A

Operator: RED MOUNTAIN ENERGY, LLC

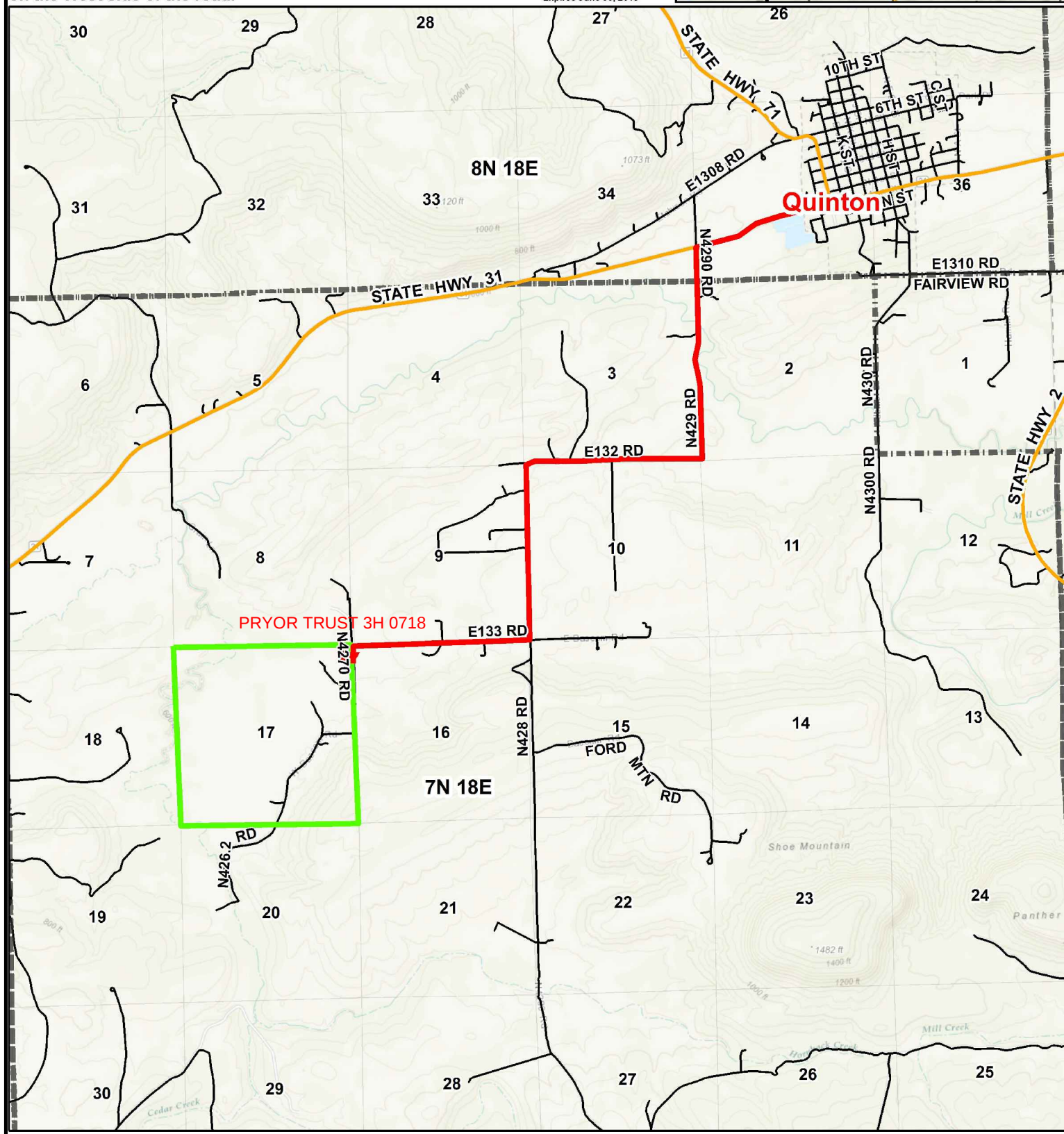
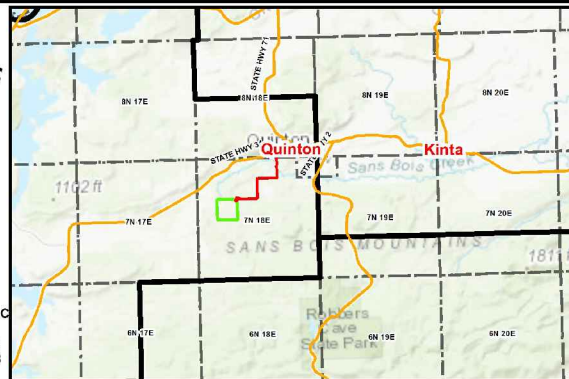
Lease Name and No.: PRYOR TRUST 3H 0718

Accessibility: From the North.

Directions: From the junction of State HWY 71 & State HWY 31 in the town of Quinton, OK, go 0.8 miles West on State HWY 31, 1.2 miles South on "NS 429 RD.", 1.0 mile West on "EW 132 RD.", 1.0 mile South on "NS 428 RD.", 1.0 mile West on "EW 133 RD.", then go about 500 feet South on "NS 427 RD." to the Northeast Quarter of Section 17-7N-18E on the West side of the road.

1 inch = 0.75 mile

provided 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, 2018





Topographic Vicinity Map

Operator: RED MOUNTAIN ENERGY, LLC

Lease Name and No.: PRYOR TRUST 3H 0718

Surface Hole Location: 314' FNL - 260' FEL

Sec. 17 Twp. 7N Rng. 18E I.M.

PUPP: 1200' FSL - 2544' FWL

Sec. 9 Twp. 7N Rng. 18E I.M.

Bottom Hole Location: 165' FNL - 2544' FWL

Sec. 4 Twp. 7N Rng. 18E I.M.

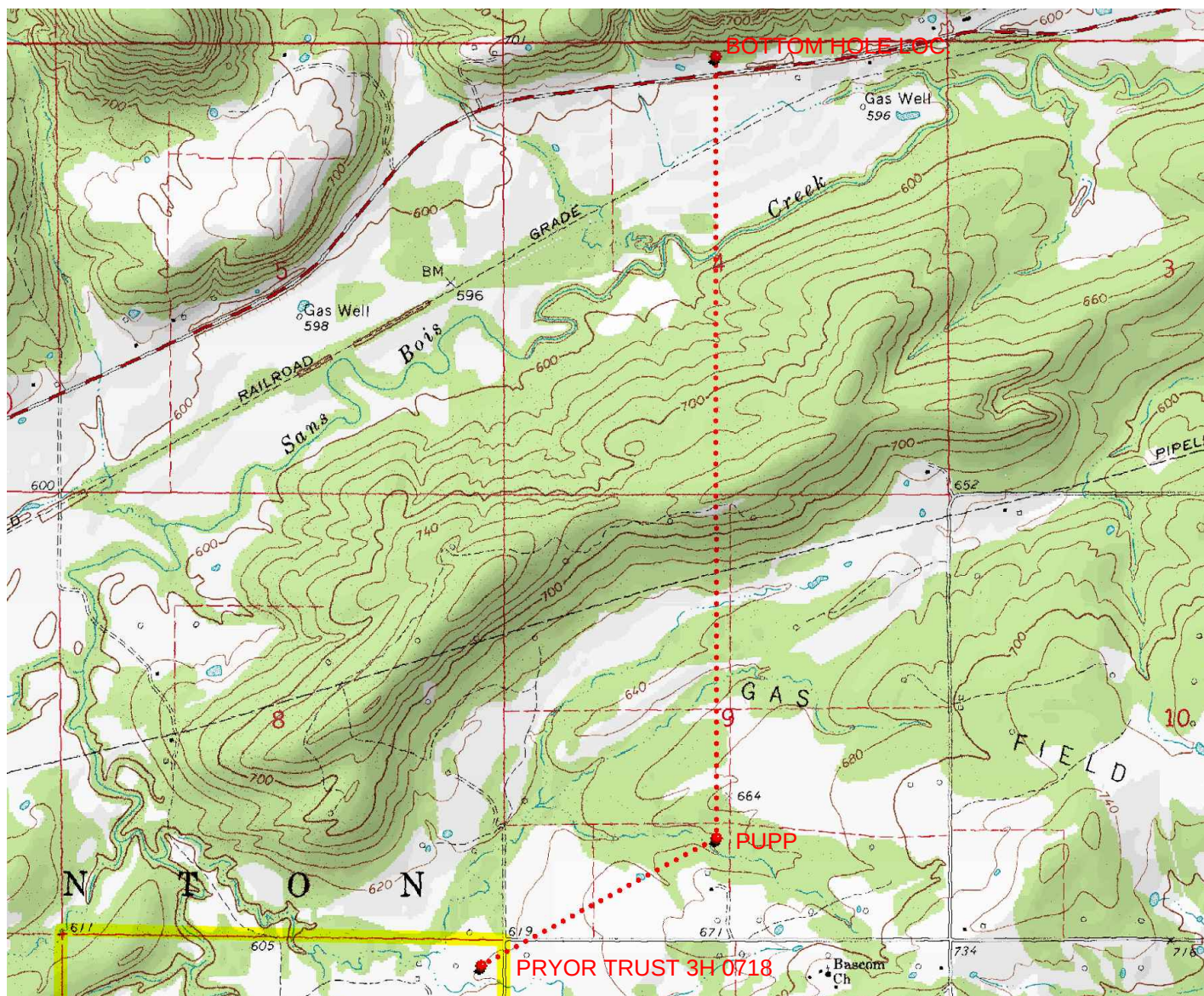
County: Pittsburg State of Oklahoma

Ground Elevation at Surface Hole Location: N/A



Scale 1"= 2000'

Contour Interval: 20'



Provided 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

Date Staked: N/A

The purpose of this map is to verify the location and elevation as staked on the ground and to show the surrounding Topographic features. The footage shown hereon is only as SCALED onto a U.S.G.S. Topographic Map.

Please note that this location was staked carefully 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 inconsistency is determined.



Anti-Collision

Sec. 17-7N-18E I.M.

Operator: RED MOUNTAIN ENERGY, LLC
Lease Name and No.: PRYOR TRUST 3H 0718
Surface Hole Location: 314' FNL - 260' FEL
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Bottom Hole Location: 165' FNL - 2544' FWL
Sec. 4 Twp. 7N Rng. 18E I.M.
County: Pittsburg State of Oklahoma

