

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

API NUMBER: 121 24810

Approval Date: 02/20/2018

Expiration Date: 08/20/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 9N Rge: 17E

County: PITTSBURG

SPOT LOCATION: ☐ NE ☐ NW ☐ SW ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 1629 2257

Lease Name: PONDEROSA NORTH

Well No: 1-11/2H

Well will be 1629 feet from nearest unit or lease boundary.

Operator Name: TRINITY OPERATING (USG) LLC

Telephone: 9185615631

OTC/OCC Number: 23879 0

TRINITY OPERATING (USG) LLC
1717 S BOULDER AVE STE 201
TULSA, OK 74119-4842

JAMES L. STIMAC
233 SCHOOL RD.
STIGLER OK 74462

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	5873	6	
2	WOODFORD	6150	7	
3	HUNTON	6195	8	
4	SYLVAN	6295	9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201708469
201708468
201708467

Special Orders:

Total Depth: 12995

Ground Elevation: 834

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 230

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE

A. Evaporation/dewater and backfilling of reserve pit.

Type of Mud System: AIR

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

E. Haul to Commercial pit facility: Sec. 19 Twn. 8N Rng. 5E Cnty. 125 Order No: 274874

Within 1 mile of municipal water well? N

H. SEE MEMO

Wellhead Protection Area? N

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: 4

Liner not required for Category: 4

Pit Location is NON HSA

Pit Location Formation: BOGGY

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

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

The duration of this permit is SIX 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: 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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BOGGY

PIT 3 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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BOGGY

HORIZONTAL HOLE 1

Sec 02 Twp 9N Rge 17E County PITTSBURG

Spot Location of End Point: NW NW NW NE

Feet From: NORTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 2590

Depth of Deviation: 4729

Radius of Turn: 350

Direction: 355

Total Length: 7716

Measured Total Depth: 12995

True Vertical Depth: 6295

End Point Location from Lease,

Unit, or Property Line: 1

Notes:

Category

Description

DEEP SURFACE CASING

2/13/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

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

The duration of this permit is SIX 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 24810 PONDEROSA NORTH 1-11/2H

Category	Description
HYDRAULIC FRACTURING	<p>2/13/2018 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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: OCCWEB.COM/OG/OGFORMS.HTML; AND,</p> <p>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</p>
MEMO	<p>2/13/2018 - G71 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, WBM & OBM CUTTINGS CAPTURED IN CONCRETE-LINED PIT, SOLIDIFIED AND HELD UNTIL DISPOSAL APPROVED BY OCC; PIT 3 - OBM TO VENDOR</p>
PENDING CD - 201708467	<p>2/15/2018 - G58 - (640)(HOR) 2 & 11-9N-17E EST MSSP, WDFD, HNTN, SLVN COMPL. INT. (MSSP, HNTN) NLT 660' FB COMPL. INT. (SLVN) NLT 330' FB COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL (COESXIST SP. ORDER 197054 HNTN; SP. ORDER 197055 HNTN) REC 1/8/2018 (DUNN)</p>
PENDING CD - 201708468	<p>2/15/2018 - G58 - (I.O.) 2 & 11-9N-17E EST MULTIUNIT HORIZONTAL WELL X201708467 MSSP, WDFD, HNTN, SLVN (MSSP, HNTN, SLVN, ARE ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 50% 2-9N-17E 50% 11-9N-17E NO OP. NAMED REC 1/8/2018 (DUNN)</p>
PENDING CD - 201708469	<p>2/15/2018 - G58 - (I.O.) 2 & 11-9N-11E X201708467 MSSP, WDFD, HNTN, SLVN COMPL. INT. (2-9N-17E) NCT 0' FSL, NCT 165' FNL, NCT 1500' FWL COMPL. INT. (11-9N-17E) NCT 0' FNL, NCT 165' FSL, NCT 1500' FWL NO OP. NAMED REC 1/8/2018 (DUNN)</p>

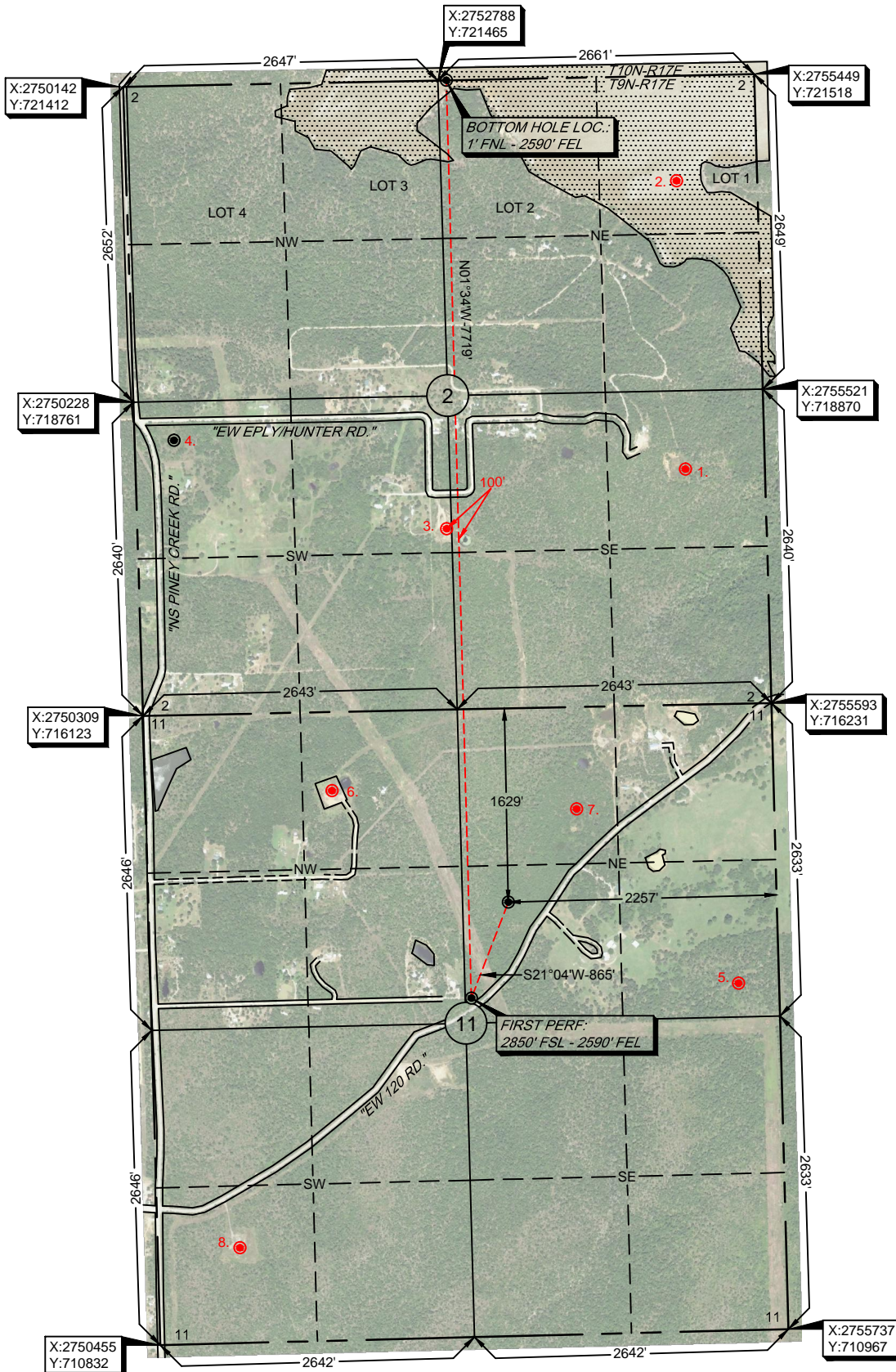
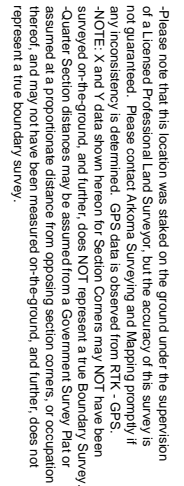
This permit does not address the right of entry or settlement of surface damages.

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

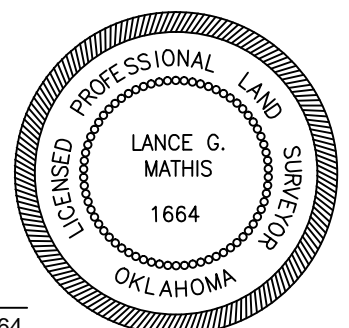
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.



Operator: TRINITY OPERATING
Lease Name and No.: PONDEROSA NORTH #1-11/2H
Footage: 1629' FNL - 2257' FEL Gr. Elevation: 834'
Section: 11 Township: 9N Range: 17E I.M.
County: Pittsburg State of Oklahoma
Terrain at Loc.: Location fell in timber and slopes down towards the West.



OK LPLS 1664





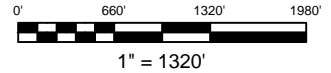
Well Location Plat

S.H.L. Sec. 11-9N-17E I.M.
B.H.L. Sec. 2-9N-17E I.M.

Operator: TRINITY OPERATING
Lease Name and No.: PONDEROSA NORTH #1-11/2H
Footage: 1629' FNL - 2257' FEL Gr. Elevation: 834'
Section: 11 Township: 9N Range: 17E I.M.
County: Pittsburg State of Oklahoma
Terrain at Loc.: Location fell in timber and slopes down towards the West.



All bearings shown
are grid bearings.



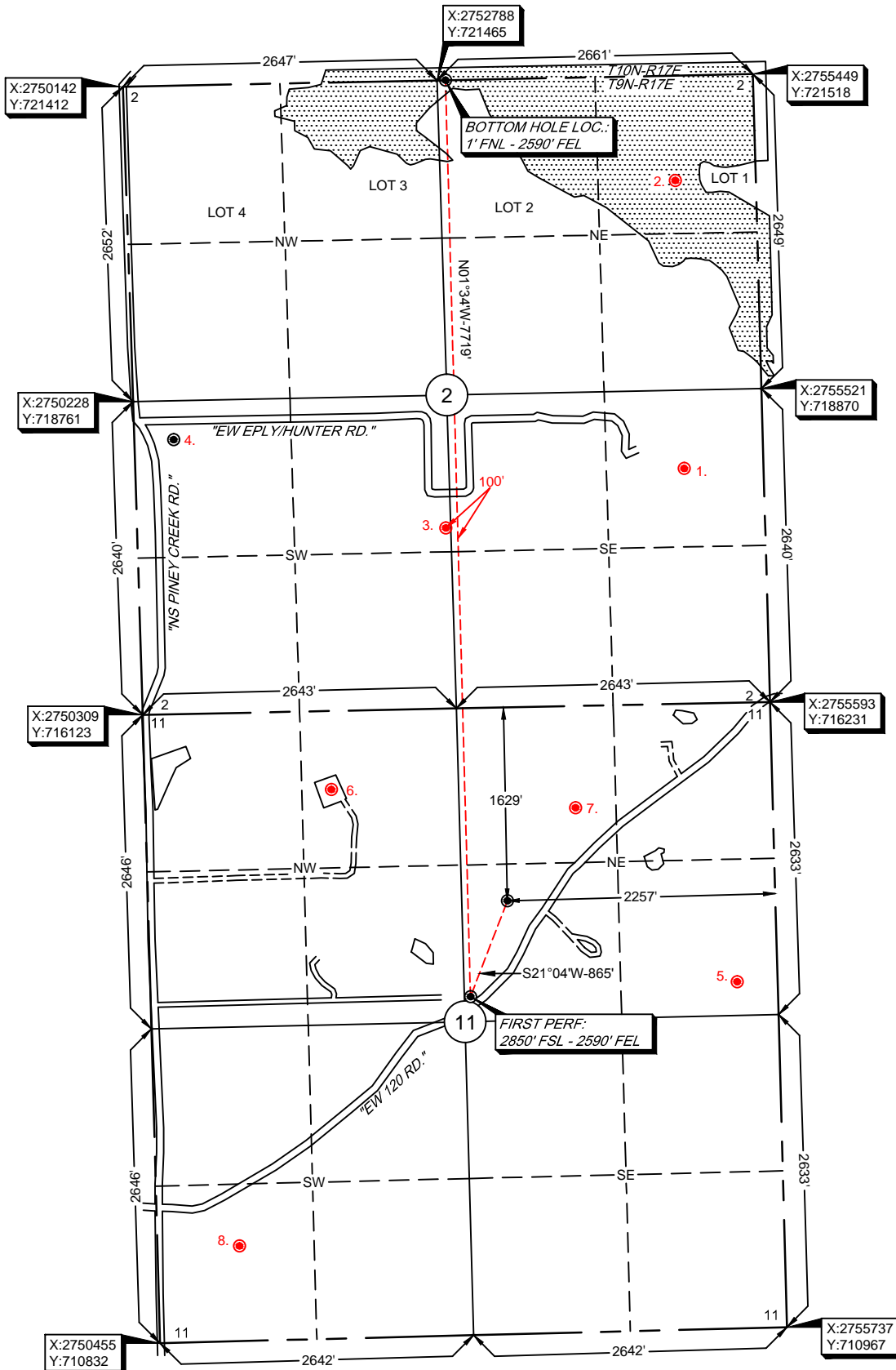
GPS DATUM
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°16'15.35"N
Lon: 95°28'33.66"W
X: 2753381
Y: 714557

First Perf:
Lat: 35°16'07.44"N
Lon: 95°28'37.66"W
X: 2753070
Y: 713750

Bottom Hole Loc.:
Lat: 35°17'23.78"N
Lon: 95°28'37.87"W
X: 2752859
Y: 721466

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, 2018

Invoice #7472-B
Date Staked: 01/10/18 By: H.S.
Date Drawn: 01/11/18 By: K.B.
Add FP & BH: 02/07/18 By: C.K.
Rev. Lease Name: 02/16/18 By: R.S.

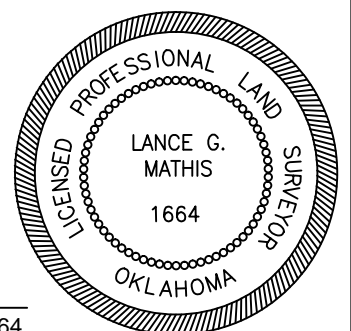
Certification:

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

02/16/18

OK LPLS 1664





Anti-Collision Info

S.H.L. Sec. 11-9N-17E I.M.
B.H.L. Sec. 2-9N-17E I.M.

Operator: TRINITY OPERATING
Lease Name and No.: PONDEROSA NORTH #1-11/2H
Footage: 1629' FNL - 2257' FEL Gr. Elevation: 834'
First Perf: 2850' FSL - 2590' FEL
Section: 11 Township: 9N Range: 17E I.M.
Bottom Hole Loc.: 1' FNL - 2590' FEL
Section: 2 Township: 9N Range: 17E I.M.
County: Pittsburg State of Oklahoma

SECTION 2-9N-17E

1. HCG ENERGY CORP. <i>HUNTER 1-2</i> 1980' FSL - 1980' FWL (SE/4) OCC STATUS: PA	2. ILLOMA OIL COMPANY INC. <i>RUTH LYNN 1</i> 1765' FSL - 1980' FWL (NE/4) OCC STATUS: AC
3. ZEIDERS BROS OIL & GAS CO. LLC <i>LITTLE 1-2</i> 1520' FSL - 2600' FWL (SW/4) OCC STATUS: AC	4. OTC/OCC NA <i>PRINCE 1</i> 2310' FSL - 330' FWL (SW/4) OCC STATUS: AC

SECTION 11-9N-17E

5. ZEIDERS BROS OIL & GAS CO. LLC <i>TOM 1H-11</i> 284' FSL - 2300' FWL (NE/4) OCC STATUS: AC	6. ZEIDERS BROS OIL & GAS CO. LLC <i>TOM 4-11</i> 1980' FSL - 1570' FWL (NW/4) OCC STATUS: AC
7. OTC/OCC NA <i>HEDGES 1-11</i> 1780' FSL - 980' FWL (NE/4) OCC STATUS: PA	8. ZEIDER BROS OIL & GAS CO. LLC <i>TOM 3-11</i> 800' FSL - 690' FWL (SW/4) OCC STATUS: SP

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, 2018

Invoice #7472-B

Date Staked: 01/10/18 By: H.S.

Date Drawn: 01/11/18 By: K.B.

Add FP & BH: 02/07/18 By: C.K.

PLEASE NOTE

EXISTING WELL DATA SHOWN HEREON WAS
FURNISHED FROM THE OCC WEBSITE AND WAS NOT
SURVEYED OR VERIFIED ON THE GROUND



Topographic Vicinity Map

Operator: TRINITY OPERATING

Lease Name and No.: PONDEROSA NORTH #1-11/2H

Surface Hole Location: 1629' FNL - 2257' FEL

First Perf: 2850' FSL - 2590' FEL

Section: 11 Township: 9N Range: 17E I.M.

Bottom Hole Loc.: 1' FNL - 2590' FEL

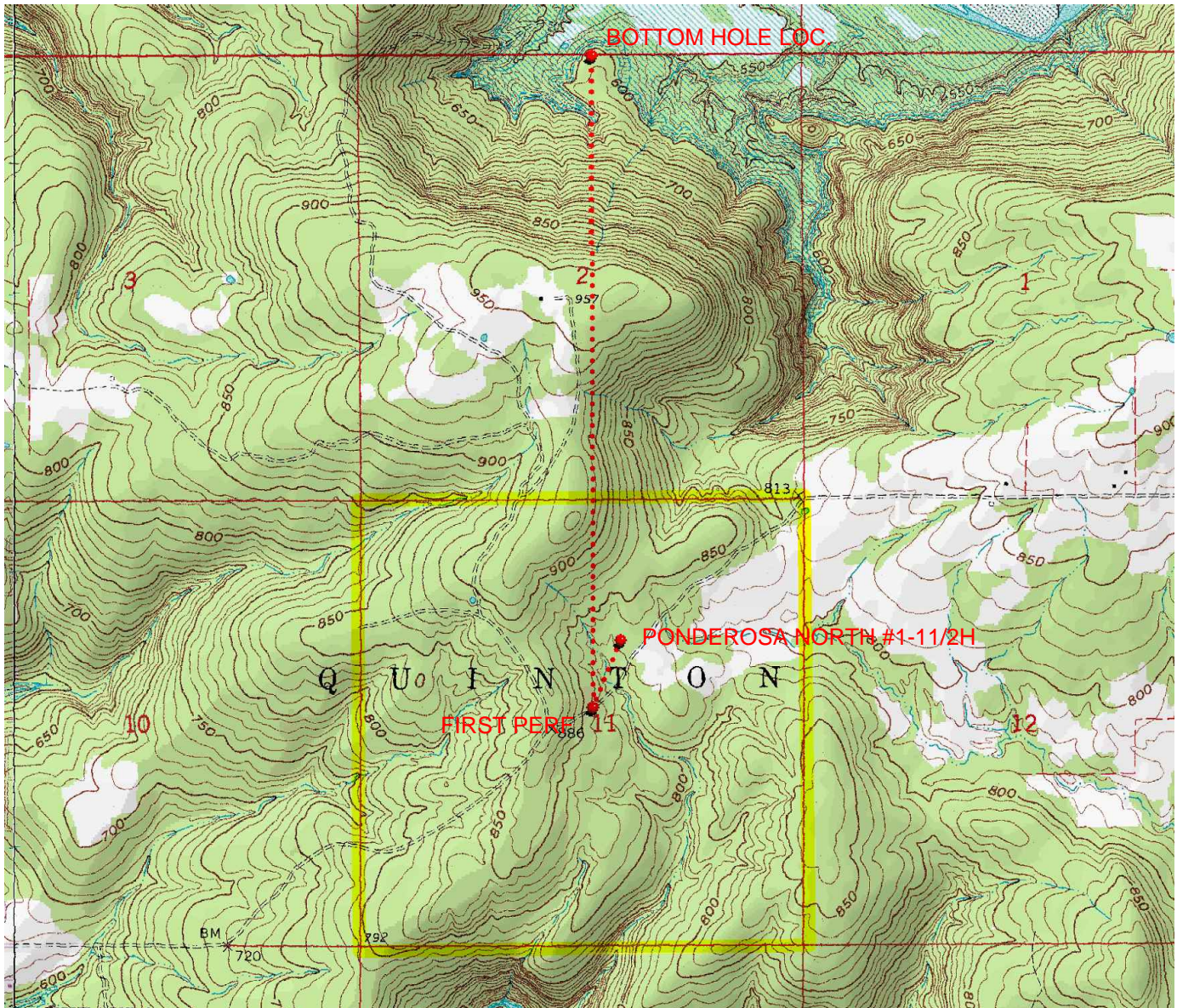
Section: 2 Township: 9N Range: 17E I.M.

County: Pittsburg State of Oklahoma



Scale 1" = 2000'
Contour Interval: 10'

Ground Elevation at Surface Hole Location: 834'



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

Date Staked: 01/10/18

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.

County Highway Vicinity Map



Job #: 7472-B

Operator: TRINITY OPERATING

Lease Name and No.: PONDEROSA NORTH #1-11/2H

Accessibility: From the South.

Directions: From the junction of State HWY 9 & "Piney Creek Rd" East of the town of Longtown, OK, go 2.0 miles North on "Piney Creek Rd", then go 0.8 miles Northeast on "E 120 RD" to the Northeast Quarter of Section 11-9N-17E on the North side of the road.



1 inch = 0.5 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

