

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

API NUMBER: 121 24871

Approval Date: 11/27/2019

Expiration Date: 05/27/2021

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 7N Rge: 18E

County: PITTSBURG

SPOT LOCATION: ☐ NW ☐ NW ☐ SE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 1580 1225

Lease Name: CARNEY

Well No: 1-8/5H

Well will be 1225 feet from nearest unit or lease boundary.

Operator Name: TRINITY OPERATING USG LLC

Telephone: 9185615600

OTC/OCC Number: 23879 0

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

FOUR-F RANCH PARTNERSHIP
P.O. BOX 490
QUINTON OK 74561

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

	Name	Depth	Name	Depth
1	WOODFORD	7725	6	
2	HUNTON	7800	7	
3	MISSISSIPPIAN	7810	8	
4			9	
5			10	

Spacing Orders: 665456

Location Exception Orders:

Increased Density Orders: 685337

704862

685338

704863

Pending CD Numbers: 201905125
201905126

Special Orders:

Total Depth: 18894

Ground Elevation: 632

Surface Casing: 120

Depth to base of Treatable Water-Bearing FM: 70

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: AIR

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: 4

Liner not required for Category: 4

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

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

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

B. Solidification of pit contents.

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

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: 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

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 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 05 Twp 7N Rge 18E County PITTSBURG

Spot Location of End Point: NW NE NW NW

Feet From: NORTH 1/4 Section Line: 2

Feet From: WEST 1/4 Section Line: 930

Depth of Deviation: 7569

Radius of Turn: 573

Direction: 10

Total Length: 10425

Measured Total Depth: 18894

True Vertical Depth: 7810

End Point Location from Lease,
Unit, or Property Line: 2

Notes:

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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 24871 CARNEY 1-8/5H

Category	Description
HYDRAULIC FRACTURING	<p>11/18/2019 - 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>
INCREASED DENSITY - 685337	<p>11/27/2019 - GB6 - (I.O.) 5-7N-18E X665456 MSSP, WDFD, HNTN 2 WELLS TRINITY OPERATING (USG), LLC 10/22/2018</p>
INCREASED DENSITY - 685338	<p>11/27/2019 - GB6 - (I.O.) 8-7N-18E X665456 MSSP, WDFD, HNTN 2 WELLS TRINITY OPERATING (USG), LLC 10/22/2018</p>
INCREASED DENSITY - 704862	<p>11/27/2019 - GB6 - EXTENSION OF ORDER # 685337 UNTIL 10/22/2020.</p>
INCREASED DENSITY - 704863	<p>11/27/2019 - GB6 - EXTENSION OF ORDER # 685338 UNTIL 10/22/2020.</p>
MEMO	<p>11/18/2019 - G71 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS (REQUIRED - SAN BOIS CREEK), WBM & OBM CUTTINGS CAPTURED IN CONCRETE-LINED PIT, SOLIDIFIED AND HELD UNTIL DISPOSAL APPROVED BY OCC; PIT 3 - OBM TO VENDOR</p>
PENDING CD - 201905125	<p>11/27/2019 - GB6 - (I.O.) 5 & 8 -7N-18E EST MULTIUNIT HORIZONTAL WELL X665456 MSSP, WDFD, HNTN (MSSP, HNTN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 50% 5-7N-18E 50% 8-7N-18E NO OP. NAMED REC. 11/04/2019 (JOHNSON)</p>
PENDING CD - 201905126	<p>11/27/2019 - GB6 - (I.O.) 5 & 8 -7N-18E X665456 MSSP, WDFD, HNTN COMPL. INT. (8-7N-18E) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (5-7N-18E) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL NO OP. NAMED REC. 11/04/2019 (JOHNSON)</p>
SPACING - 665456	<p>11/27/2019 - GB6 - (640)(HOR) 5 & 8 -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</p>

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.



Well Location Plat

S.H.L. Sec. 18-7N-18E I.M.
B.H.L. Sec. 5-7N-18E I.M.

Operator: Operator: TRINITY OPERATING
Lease Name and No.: CARNEY 1-8/5H
Footage: 1580' FNL - 1225' FEL Gr. Elevation: 632'
Section: 18 Township: 7N Range: 18E I.M.
County: Pittsburg State of Oklahoma
Terrain at Loc.: Location fell in timber sloping downward from North to South.

121-24871

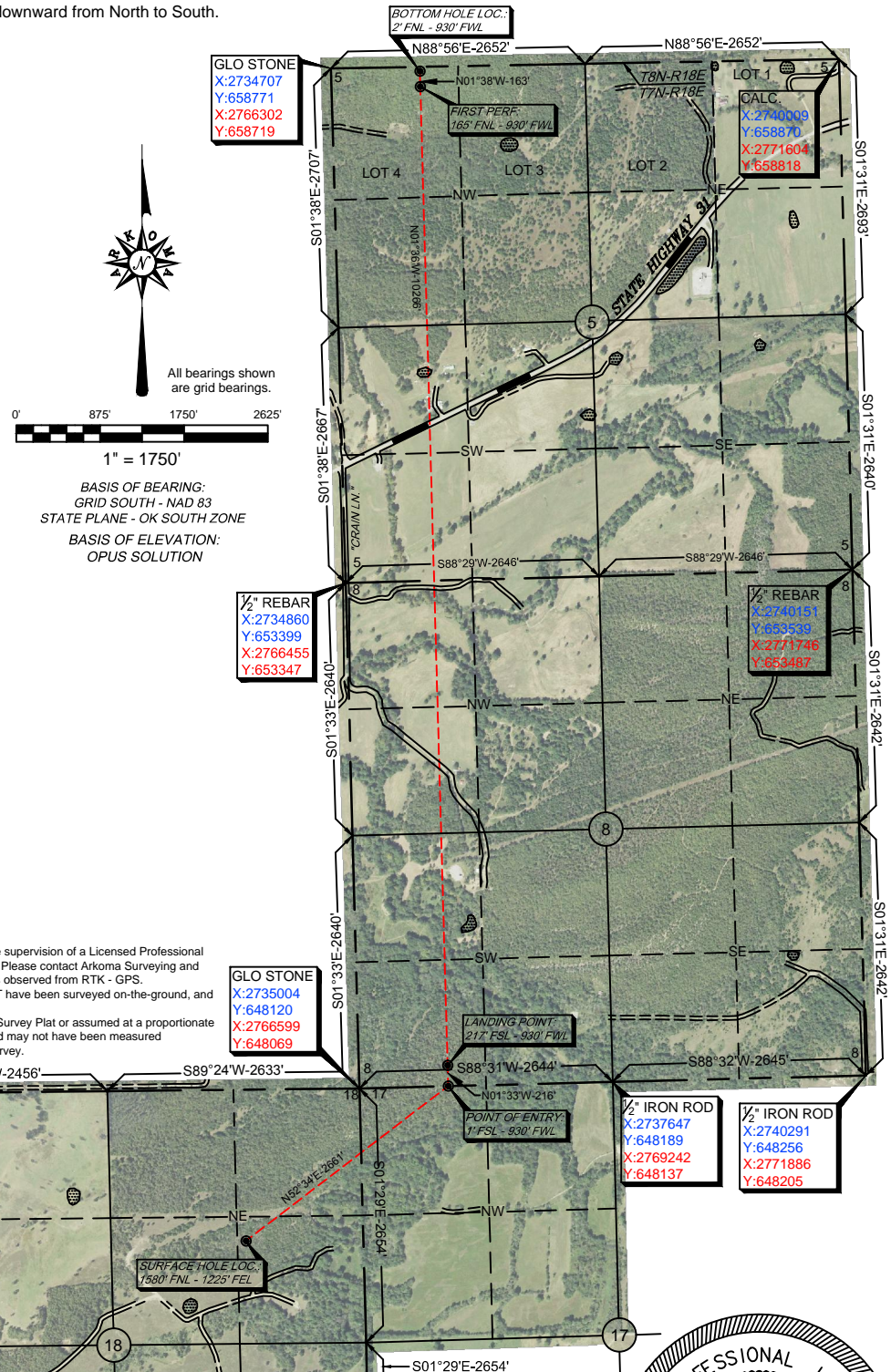
GPS DATUM

NAD 83

NAD 27

OK SOUTH ZONE

Surface Hole Loc.: Lat: 35°04'59.54"N Lon: 95°26'30.31"W Lat: 35.08320523 Lon: -95.44175217 X: 2733820 Y: 646527	Surface Hole Loc.: Lat: 35°04'59.19"N Lon: 95°26'29.39"W Lat: 35.08310768 Lon: -95.44149646 X: 2765415 Y: 646476
Point of Entry: Lat: 35°05'15.00"N Lon: 95°26'04.39"W Lat: 35.08750131 Lon: -95.43455321 X: 2735933 Y: 648145	Point of Entry: Lat: 35°05'14.65"N Lon: 95°26'03.47"W Lat: 35.08740319 Lon: -95.43429776 X: 2767529 Y: 648093
Landing Point: Lat: 35°05'17.14"N Lon: 95°26'04.40"W Lat: 35.08809478 Lon: -95.43455449 X: 2735928 Y: 648361	Landing Point: Lat: 35°05'16.79"N Lon: 95°26'03.48"W Lat: 35.08799722 Lon: -95.43429913 X: 2767523 Y: 648310
First Perf: Lat: 35°06'58.68"N Lon: 95°26'04.70"W Lat: 35.11630050 Lon: -95.43463919 X: 2735641 Y: 658623	First Perf: Lat: 35°06'58.33"N Lon: 95°26'03.78"W Lat: 35.11620296 Lon: -95.43438402 X: 2767236 Y: 658572
Bottom Hole Loc.: Lat: 35°07'00.29"N Lon: 95°26'04.71"W Lat: 35.11674836 Lon: -95.43464090 X: 2735637 Y: 658786	Bottom Hole Loc.: Lat: 35°06'59.94"N Lon: 95°26'03.79"W Lat: 35.11665104 Lon: -95.43438536 X: 2767232 Y: 658735



-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 #7449-A-C
Date Staked: 05/17/18 By: H.S.
Date Drawn: 05/24/18 By: J.H.
Revised POE, LP & BHL: 11/08/19 By: C.K.

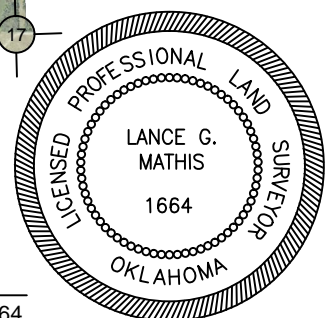
Certification:

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

11/11/19

OK LPLS 1664





Well Location Plat

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B.H.L. Sec. 5-7N-18E I.M.

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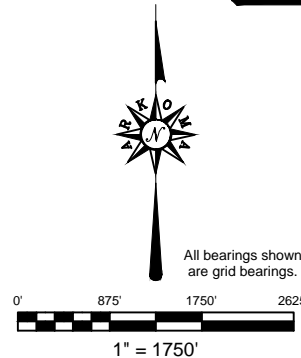
GPS DATUM

NAD 83

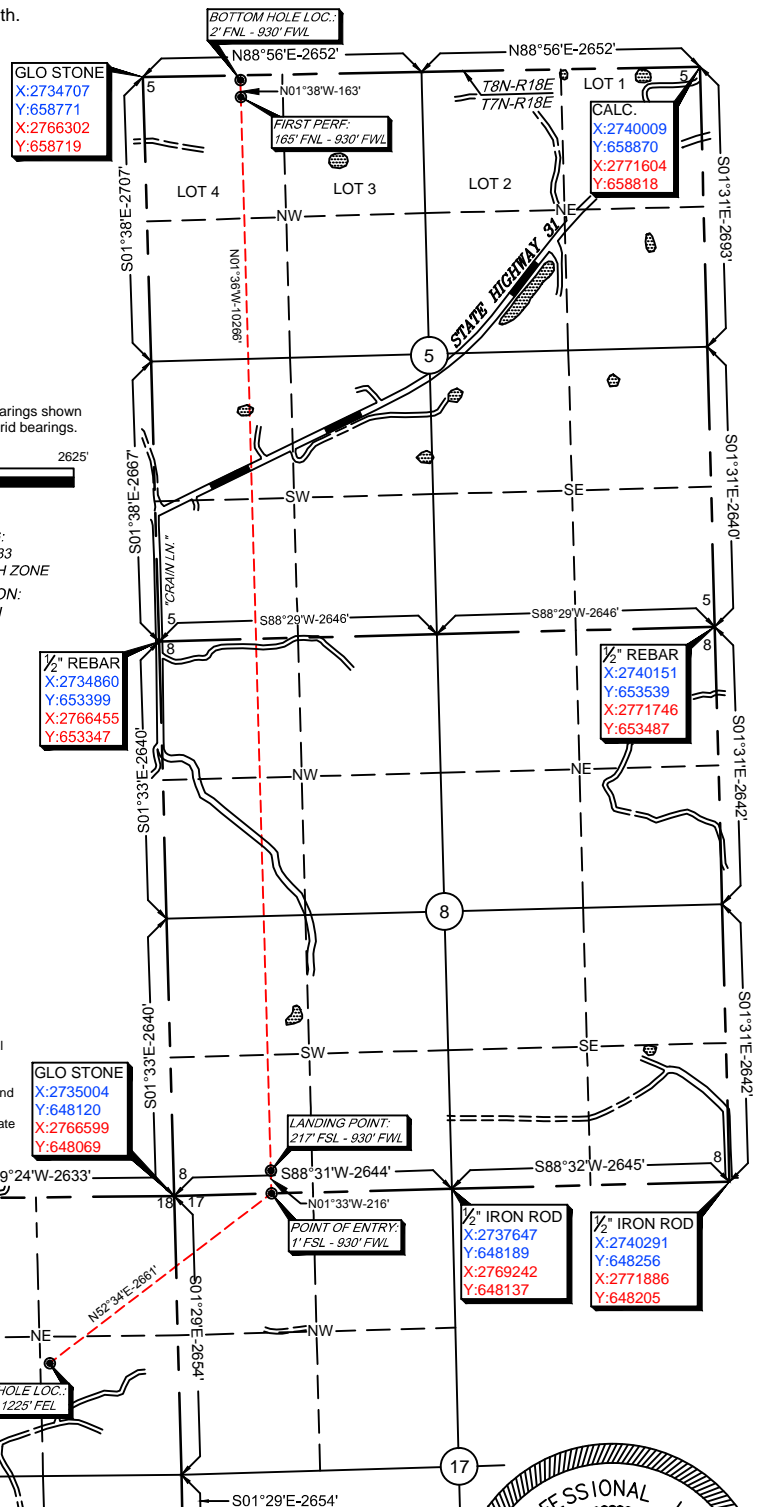
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BASIS OF BEARING:
GRID SOUTH - NAD 83
STATE PLANE - OK SOUTH ZONE
BASIS OF ELEVATION:
OPUS SOLUTION



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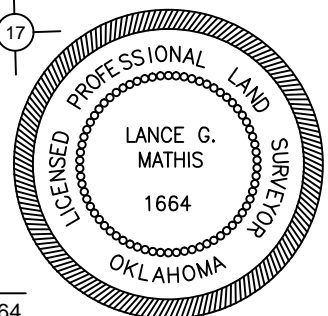
Certification:

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Lance G. Mathis
LANCE G. MATHIS

11/11/19

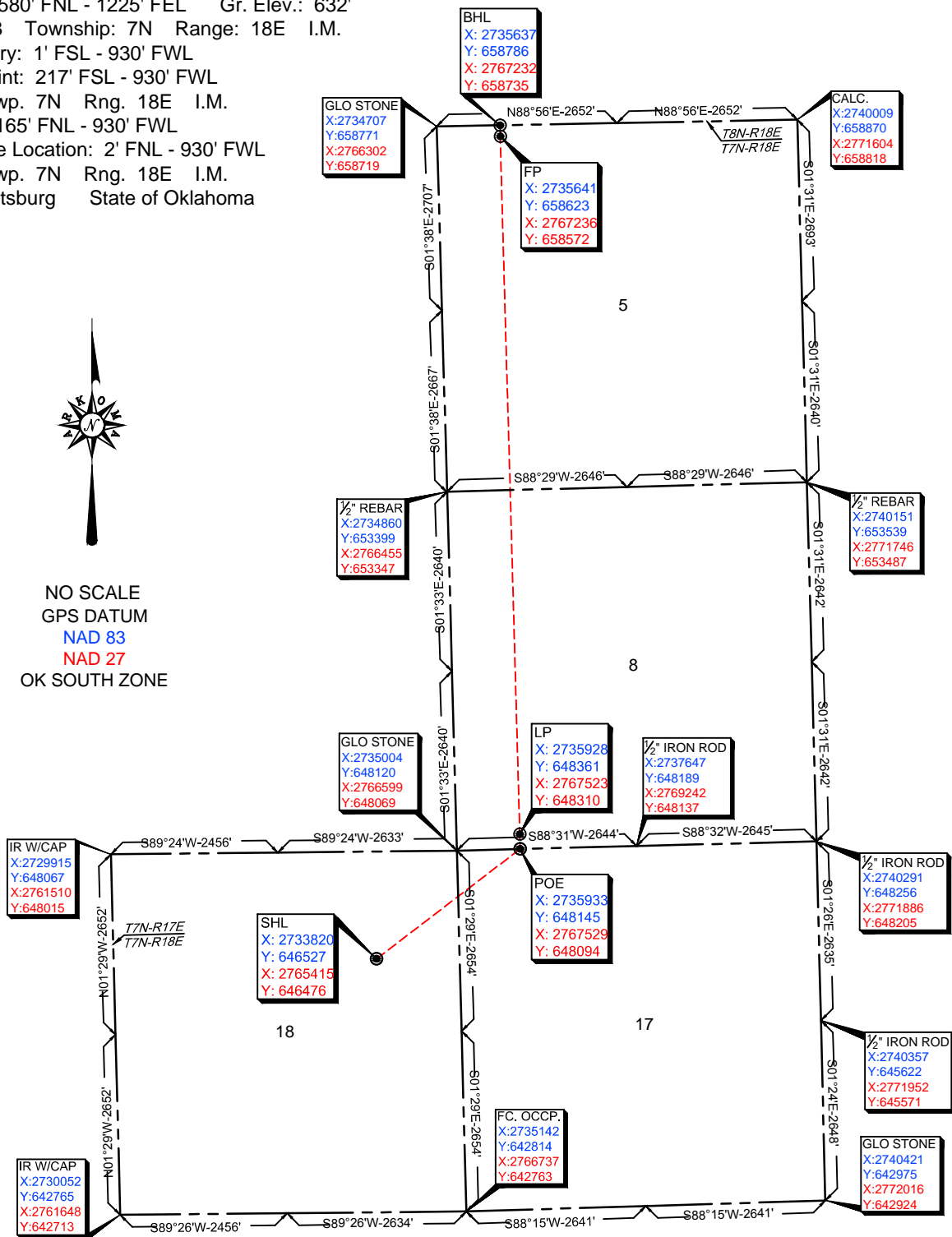
OK LPLS 1664





S.H.L. Sec. 18-7N-18E I.M.
B.H.L. Sec. 5-7N-18E I.M.

Operator: Operator: TRINITY OPERATING
Lease Name and No.: CARNEY 1-8/5H
Footage: 1580' FNL - 1225' FEL Gr. Elev.: 632'
Section: 18 Township: 7N Range: 18E I.M.
Point of Entry: 1' FSL - 930' FWL
Landing Point: 217' FSL - 930' FWL
Sec. 8 Twp. 7N Rng. 18E I.M.
First Perf: 165' FNL - 930' FWL
Bottom Hole Location: 2' FNL - 930' FWL
Sec. 5 Twp. 7N Rng. 18E I.M.
County: Pittsburg State of Oklahoma



Issued by,
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NOTE: X and Y data shown hereon for Section
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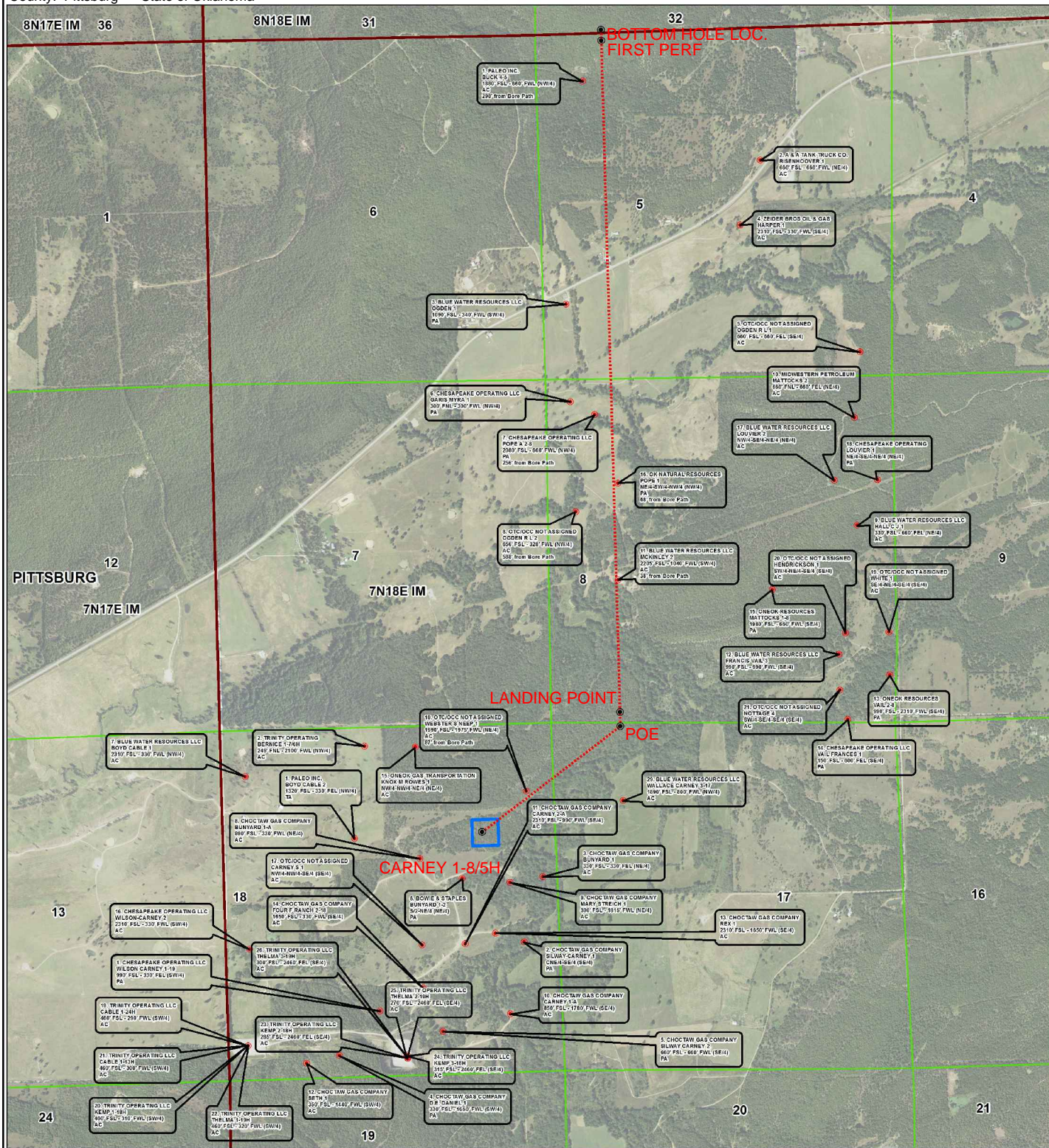


Sec. 18-7N-18E I.M.

● SHL, POE, LP, FP, & BHL □ Counties
 Bore Path ■ Township-Range
 □ Pad □ Sections
 ● OCC Wells



0 1,000 2,000 Feet



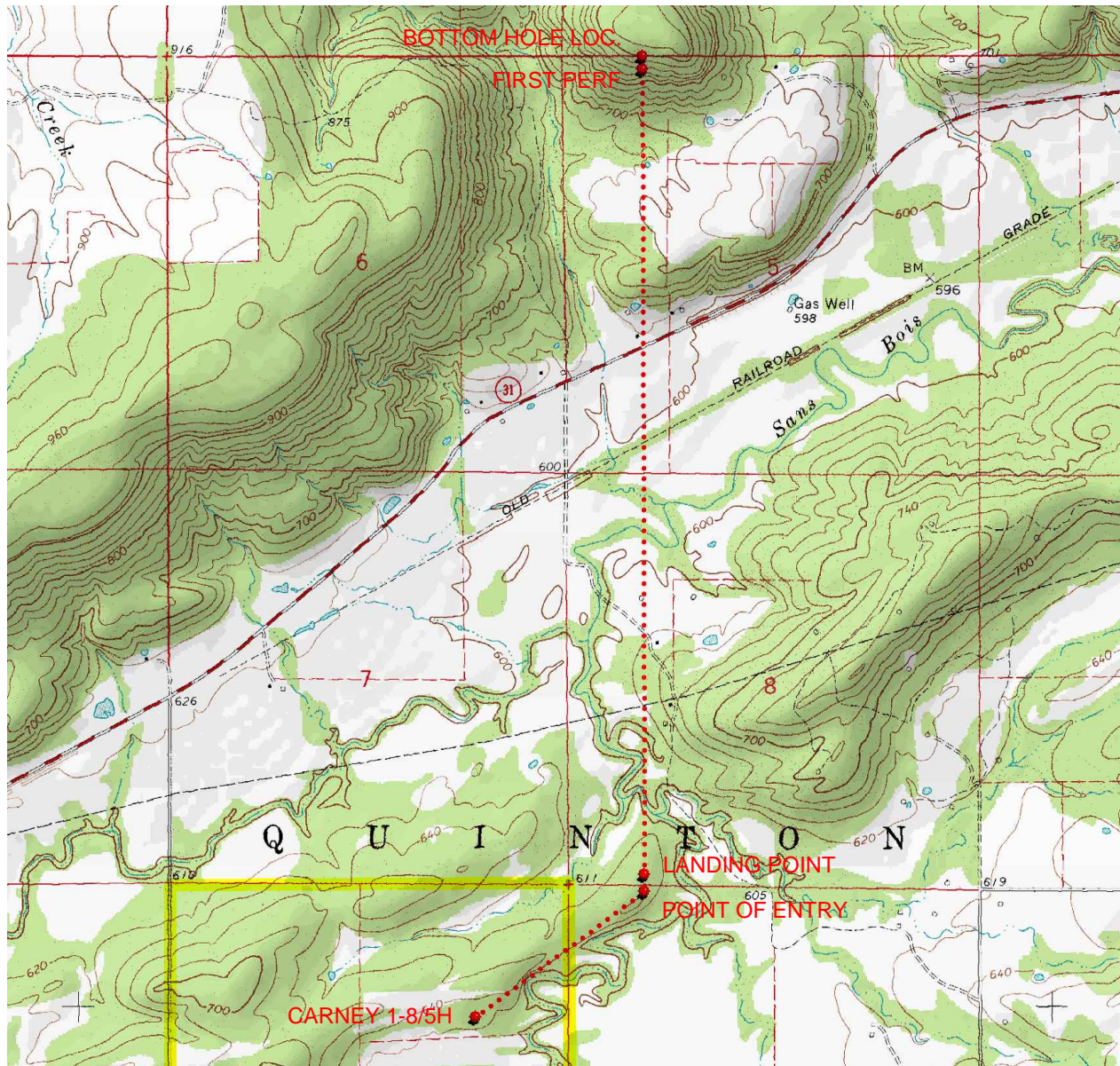


Topographic Vicinity Map

Operator: Operator: TRINITY OPERATING
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Bottom Hole Location: 2' FNL - 930' FWL
Sec. 5 Twp. 7N Rng. 18E I.M.
County: Pittsburg State of Oklahoma
Ground Elevation at Surface Hole Location: 632'



Scale 1" = 2000'
Contour Interval: 10'



Provided by:
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Certificate of Authorization No. 5348
Expires June 30, 2020

Date Staked: 05/17/18

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 #: 7449-A-C

Operator: TRINITY OPERATING

Lease Name and No.: CARNEY 1-8/5H

Accessibility: From the North.

Directions: From the junction of State HWY 71 & State HWY 31 in the town of Quinton, OK, go 5.3 miles Southwest on State HWY 31, then go 0.9 miles South on "NS 425 RD." to the B.O.L. of a proposed lease road in the Northwest Quarter of Section 18-7N-18E on the East side of the road.

1 inch = 0.75 mile

provided by,
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Ph. 918-465-5711 Fax 918-465-5030
Certificate of Authorization No. 5348
Expires June 30, 2018

