

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

API NUMBER: 121 24808

Approval Date: 01/26/2018

Expiration Date: 07/26/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

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

County: PITTSBURG

SPOT LOCATION: ☐ NW ☐ NE ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 249 2100

Lease Name: BERNICE

Well No: 1-7/6H

Well will be 249 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

BOYD LEON CABLE FAMILY REV. TRUST
2714 CABLE LOOP RD
QUINTON OK 74561

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

Name	Depth	Name	Depth
1 WOODFORD	7734	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201708710
201708714
201708715

Special Orders:

Total Depth: 18554

Ground Elevation: 656

Surface Casing: 100

Depth to base of Treatable Water-Bearing FM: 50

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 located in a Hydrologically Sensitive Area.

Category of Pit: 4

Liner not required for Category: 4

Pit Location is BED AQUIFER

Pit Location Formation: SAVANNA

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: SAVANNA

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 BED AQUIFER

Pit Location Formation: SAVANNA

HORIZONTAL HOLE 1

Sec 06 Twp 7N Rge 18E County PITTSBURG

Spot Location of End Point: NW NE NW NW

Feet From: NORTH 1/4 Section Line: 1

Feet From: WEST 1/4 Section Line: 930

Depth of Deviation: 7501

Radius of Turn: 455

Direction: 350

Total Length: 10339

Measured Total Depth: 18554

True Vertical Depth: 7950

End Point Location from Lease,
Unit, or Property Line: 1

Notes:

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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 24808 BERNICE 1-7/6H

Category	Description
HYDRAULIC FRACTURING	<p>1/23/2018 - 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>1/23/2018 - 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 - 201708710	<p>1/25/2018 - G58 - (640)(HOR) 6 & 7-7N-18E EST OTHER EXT 665900 WDFD, OTHERS COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST SP. ORDER 99845, HNTN) REC 1/19/2018 (JOHNSON)</p>
PENDING CD - 201708714	<p>1/25/2018 - G58 - (I.O.) 6 & 7-7N-18E EST MULTIUNIT HORIZONTAL WELL X201708710 WDFD (6 & 7-7N-18E) 50% 6-7N-18E 50% 7-7N-18E NO OP. NAMED REC 1/19/2018 (JOHNSON)</p>
PENDING CD - 201708715	<p>1/25/2018 - G58 - (I.O.) 6 & 7-7N-18E X201708710 WDFD COMPL. INT. (7-7N-18E) NCT 0' FNL, NCT 165' FSL, NCT 930' FWL COMPL. INT. (6-7N-18E) NCT 0' FSL, NCT 165' FNL, NCT 930' FWL NO OP. NAMED REC 1/19/2018 (JOHNSON)</p>

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

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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.



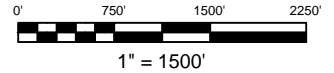
Well Location Plat

S.H.L. Sec. 18-7N-18E I.M.
B.H.L. Sec. 6-7N-18E I.M.

Operator: TRINITY OPERATING
Lease Name and No.: BERNICE #1-7/6H
Footage: 249' FNL - 2100' FWL Gr. Elevation: 656' 121-24808
Section: 18 Township: 7N Range: 18E I.M.
County: Pittsburg State of Oklahoma
Terrain at Loc.: Location fell in open pasture on a hillside that falls to South and East.



All bearings shown
are grid bearings.



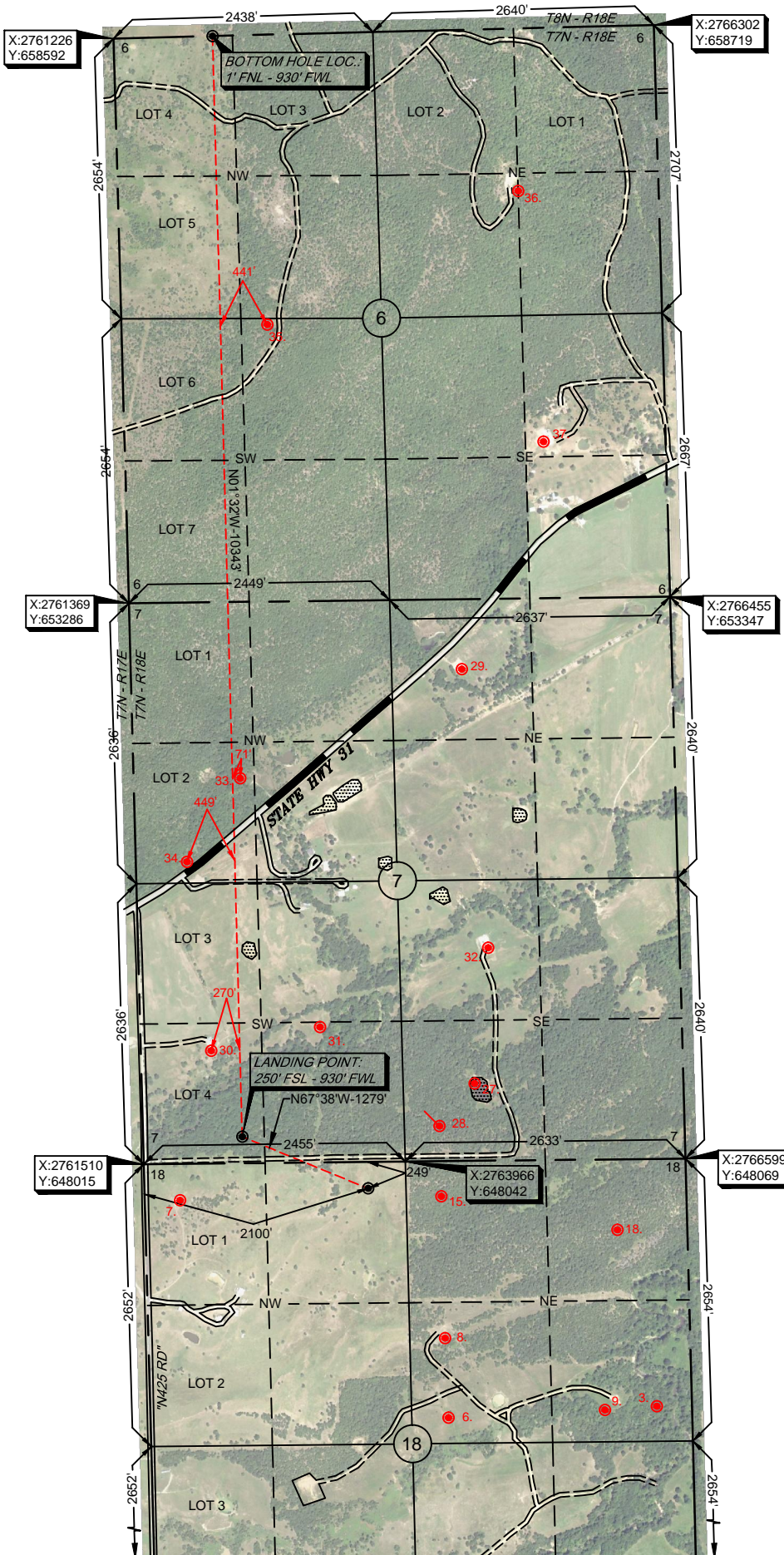
GPS DATUM
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°05'12.62"N
Lon: 95°26'50.62"W
X: 2763617
Y: 647789

Landing Point:
Lat: 35°05'17.72"N
Lon: 95°27'04.70"W
X: 2762434
Y: 648275

Bottom Hole Loc.:
Lat: 35°07'00.03"N
Lon: 95°27'04.91"W
X: 2762155
Y: 658614

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 #7448-A
Date Staked: 10/26/17 By: H.S.
Date Drawn: 10/31/17 By: K.B.
Rev Lease Name: 11/28/17 By: R.S.

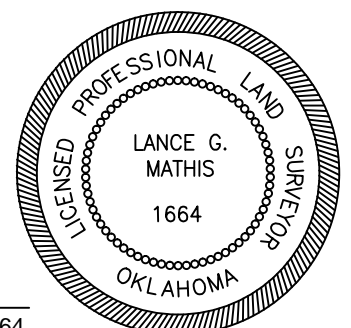
Certification:

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

11/28/17

OK LPLS 1664





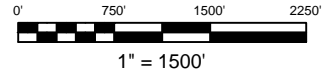
Well Location Plat

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B.H.L. Sec. 6-7N-18E I.M.

Operator: TRINITY OPERATING
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County: Pittsburg State of Oklahoma
Terrain at Loc.: Location fell in open pasture on a hillside that falls to South and East.



All bearings shown
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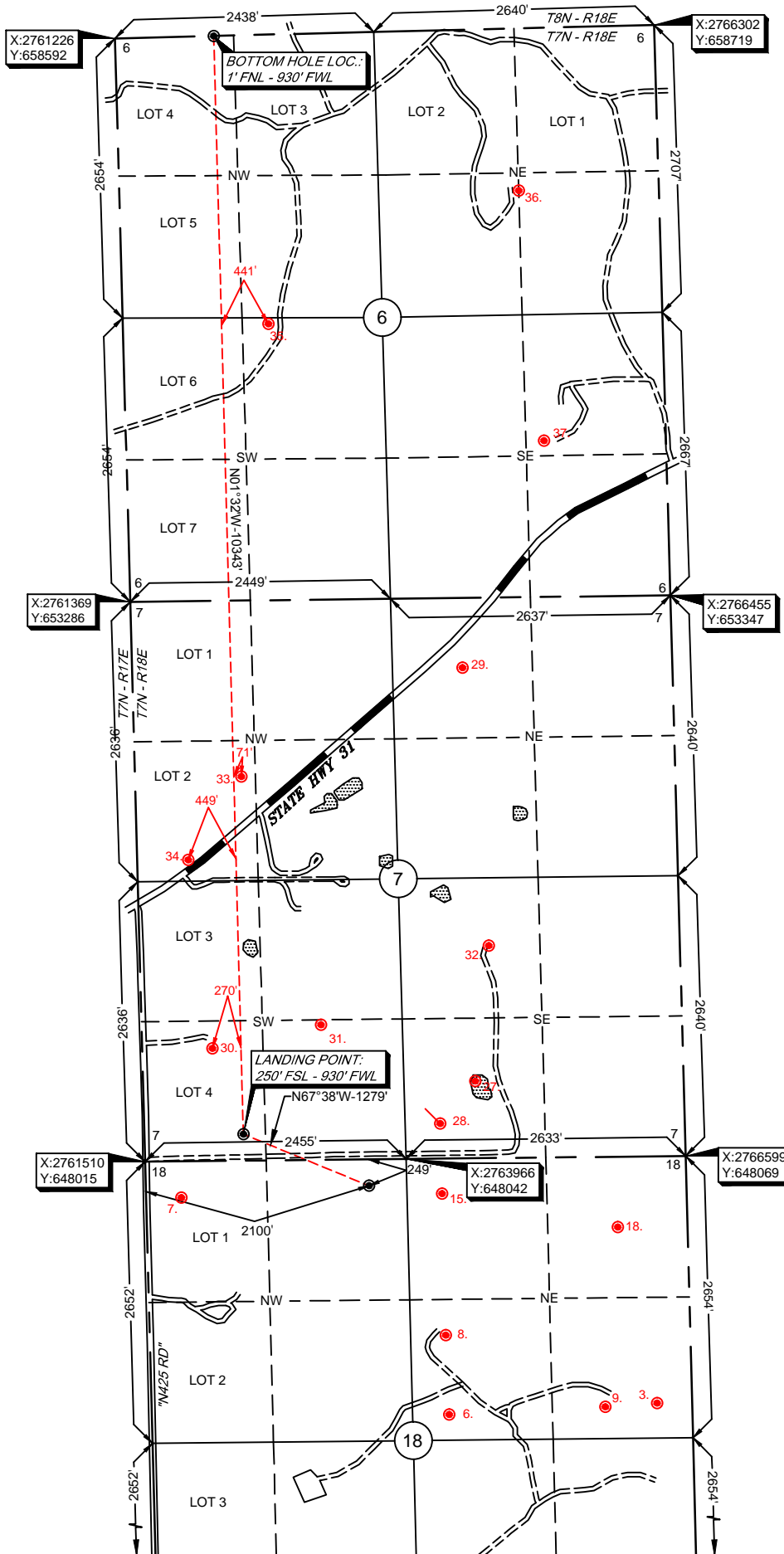
GPS DATUM
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°05'12.62"N
Lon: 95°26'50.62"W
X: 2763617
Y: 647789

Landing Point:
Lat: 35°05'17.72"N
Lon: 95°27'04.70"W
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Y: 648275

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Lat: 35°07'00.03"N
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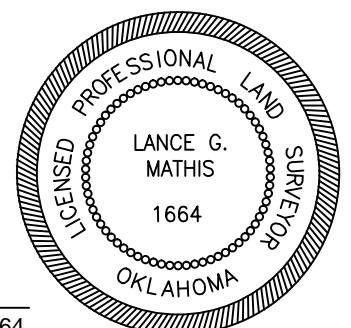
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Invoice #7448-A
Date Staked: 10/26/17 By: H.S.
Date Drawn: 10/31/17 By: K.B.
Rev Lease Name: 11/28/17 By: R.S.

LANCE G. MATHIS

11/28/17

OK LPLS 1664





X & Y Data Sheet

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

B.H.L. Sec. 6-7N-18E I.M.

Operator: TRINITY OPERATING

Lease Name and No.: BERNICE #1-7/6H

Footage: 249' FNL - 2100' FWL Gr. Elevation: 656

Section: 18 Township: 7N Range: 18E I.M.

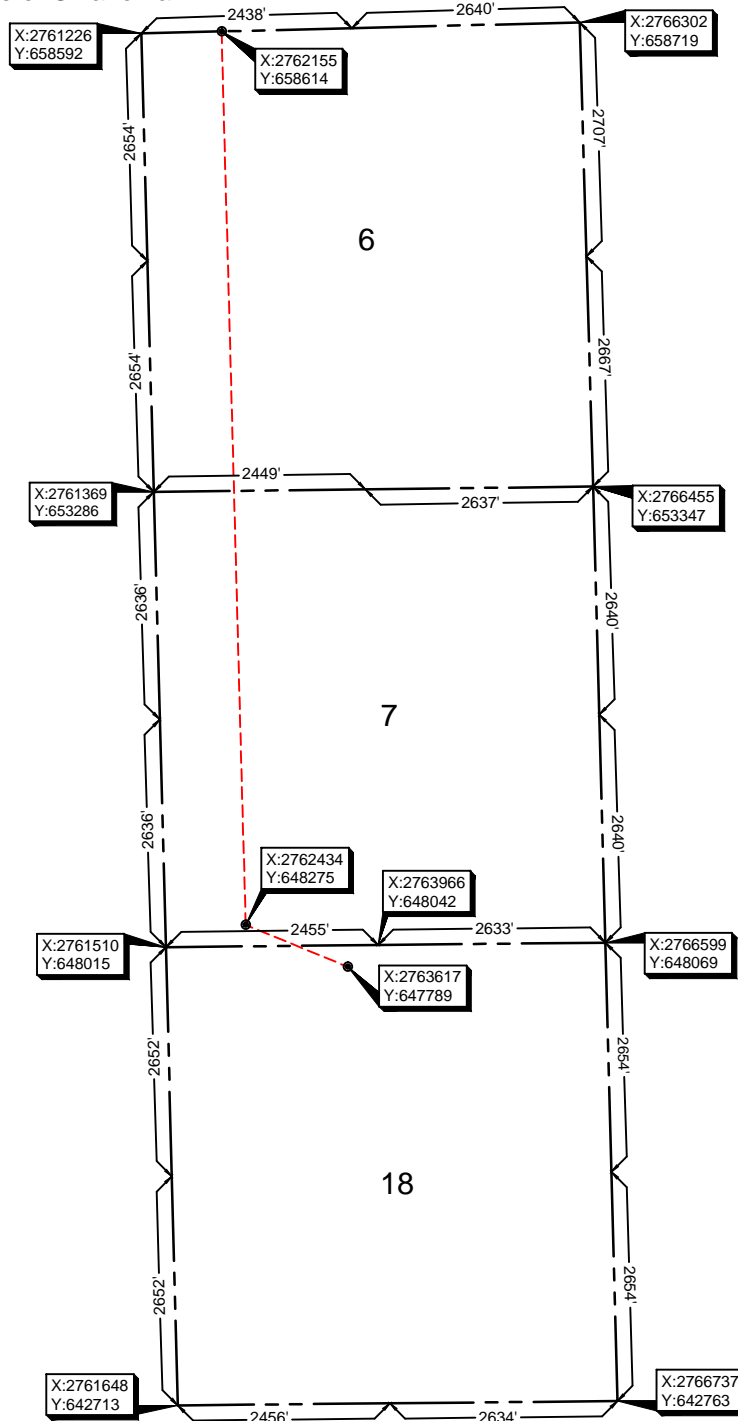
Landing Point: 250' FSL - 930' FWL

Section: 7 Township: 7N Range: 18E I.M.

Bottom Hole Location: 1' FNL - 930' FWL

Section: 6 Township: 7N Range: 18E I.M.

County: Pittsburg State of Oklahoma



NO SCALE
GPS DATUM
NAD 27
OK SOUTH ZONE

Issued by,
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Certificate of Authorization No. 5348
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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.



Anti-Collision Info

S.H.L. Sec. 18-7N-18E I.M.
B.H.L. Sec. 6-7N-18E I.M.

Operator: TRINITY OPERATING
Lease Name and No.: BERNICE #1-7/6H
Footage: 249' FNL - 2100' FWL Gr. Elevation: 656'
Landing Point: 250' FSL - 930' FWL
Section: 7 Township: 7N Range: 18E I.M.
Bottom Hole Location: 1' FNL - 930' FWL
Section: 6 Township: 7N Range: 18E I.M.
County: Pittsburg State of Oklahoma

SECTION 18-7N-18E

1. CHESAPEAKE OPERATING LLC WILSON CARNEY 1-19 990' FSL - 330' FEL (SW/4) OCC STATUS: PA	12. CHOCTAW GAS COMPANY SETH 1 350' FSL -1440' FWL (SW/4) OCC STATUS: AC	23. TRINITY OPERATING (USG) LLC KEMP 2-18H 285' FSL -2460' FEL (SE/4) OCC STATUS: AC
2. CHOCTAW GAS COMPANY SILWAY-CARNEY 1 CNE/4-SE/4 OCC STATUS: PA	13. CHOCTAW GAS COMPANY REX 1 2310' FSL -1650' FWL (SE/4) OCC STATUS: AC	24. TRINITY OPERATING (USG) LLC KEMP 3-18H 315' FSL -2460' FEL (SE/4) OCC STATUS: AC
3. CHOCTAW GAS COMPANY BUNYARD 1 330' FSL - 330' FEL (NE/4) OCC STATUS: AC	14. CHOCTAW GAS COMPANY FOUR F RANCH 2-18 1650' FSL -330' FWL (SE/4) OCC STATUS: AC	25. TRINITY OPERATING (USG) LLC THELMA 2-19H 270' FSL -2460' FEL (SE/4) OCC STATUS: AC
4. CHOCTAW GAS COMPANY D. E. DANIEL 1 330' FSL - 1650' FWL (SW/4) OCC STATUS: PA	15. ONEOK GAS TRANSPORTATION KNOX M ROWES 1 NW/4-NW/4-NE/4 OCC STATUS: AC	26. TRINITY OPERATING (USG) LLC THELMA 3-19H 300' FSL -2460' FEL (SE/4) OCC STATUS: AC
5. CHOCTAW GAS COMPANY SILWAY CARNEY 2 660' FSL - 660' FWL (SE/4) OCC STATUS: PA	16. CHESAPEAKE OPERATING LLC WILSON - CARNEY 2 2310' FSL -330' FWL (SW/4) OCC STATUS: AC	
6. BOWIE & STAPLES BUNYARD 1-2 S/2-NE/4 OCC STATUS: PA	17. OTC/OCC NA CARNEY S 1 NW/4-NW/4-SE/4 OCC STATUS: AC	
7. BLUE WATER RESOURCES LLC BOYD CABLE 1 2310' FSL - 330' FWL (NW/4) OCC STATUS: AC	18. OTC/OCC NA WEBSTER S NEEP 1 1990' FSL -1975' FWL (NE/4) OCC STATUS: AC	
8. CHOCTAW GAS COMPANY BUNYARD 1-A 990' FSL -330' FWL (NE/4) OCC STATUS: AC	19. TRINITY OPERATING (USG) LLC CABLE 1-24H 460' FSL -290' FWL (SW/4) OCC STATUS: AC	
9. CHOCTAW GAS COMPANY MARY STREICH 1 300' FSL -1815' FWL (NE/4) OCC STATUS: AC	20. TRINITY OPERATING (USG) LLC KEMP 1-18H 460' FSL -310' FWL (SW/4) OCC STATUS: AC	
10. CHOCTAW GAS COMPANY CARNEY 1-A 850' FSL -1780' FWL (SE/4) OCC STATUS: AC	21. TRINITY OPERATING (USG) LLC CABLE 1-13H 460' FSL -300' FWL (SW/4) OCC STATUS: AC	
11. CHOCTAW GAS COMPANY CARNEY 2-A 2310' FSL -990' FWL (SE/4) OCC STATUS: AC	22. TRINITY OPERATING (USG) LLC THELMA 1-19H 460' FSL -320' FWL (SW/4) OCC STATUS: AC	

Survey and plat by:

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Invoice #7448-A

Date Staked: 10/26/17 By: H.S.
Date Drawn: 11/01/17 By: K.B.

PLEASE NOTE

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



Anti-Collision Info

S.H.L. Sec. 18-7N-18E I.M.
B.H.L. Sec. 6-7N-18E I.M.

Operator: TRINITY OPERATING
Lease Name and No.: BERNICE #1-7/6H
Footage: 249' FNL - 2100' FWL Gr. Elevation: 656'
Landing Point: 250' FSL - 930' FWL
Section: 7 Township: 7N Range: 18E I.M.
Bottom Hole Location: 1' FNL - 930' FWL
Section: 6 Township: 7N Range: 18E I.M.
County: Pittsburg State of Oklahoma

SECTION 7-7N-18E

27. ONEOK RESOURCES COMPANY
COURTS SHELTON 2-7
725' FSL - 670' FWL (SE/4)
OCC STATUS: PA

28. MIDWESTERN PETROLEUM
COURTS- SHELTON 2
330' FSL - 330' FWL (SE/4)
OCC STATUS: PA

29. BLUE WATER RESOURCES LLC
SMITH R HUGHES 1
1980' FSL - 660' FWL (NE/4)
OCC STATUS: AC

30. BLUE WATER RESOURCES LLC
SHELTON 2-7
1060' FSL - 660' FWL (SW/4)
OCC STATUS: AC

31. BLUE WATER RESOURCES LLC
SHELTON 3-7
1270' FSL - 1687' FWL (SW/4)
OCC STATUS: AC

32. BLUE WATER RESOURCES LLC
C. SHELTON 4
2000' FSL - 1800' FEL (SE/4)
OCC STATUS: AC

33. ZIEDERS BROS OIL & GAS CO LLC
HUGHES FUEL 1
980' FSL - 1000' FWL (NW/4)
OCC STATUS: AC

34. OTC/OCC NA
COURTS-SHELTON 1
200' FSL - 480' FEL (NW/4)
OCC STATUS: AC

SECTION 6-7N-18E

35. PSEC INC.
CHADWELL-NELSON 1
2600' FSL - 1370' FWL (SW/4)
OCC STATUS: PA

36. BLUE WATER RESOURCES LLC
CHADWELL-NELSON 2
1170' FSL - 1320' FWL (NE/4)
OCC STATUS: AC

37. BLUE WATER RESOURCES LLC
OGDEN 1-6
1470' FSL - 1150' FEL (SE/4)
OCC STATUS: AC

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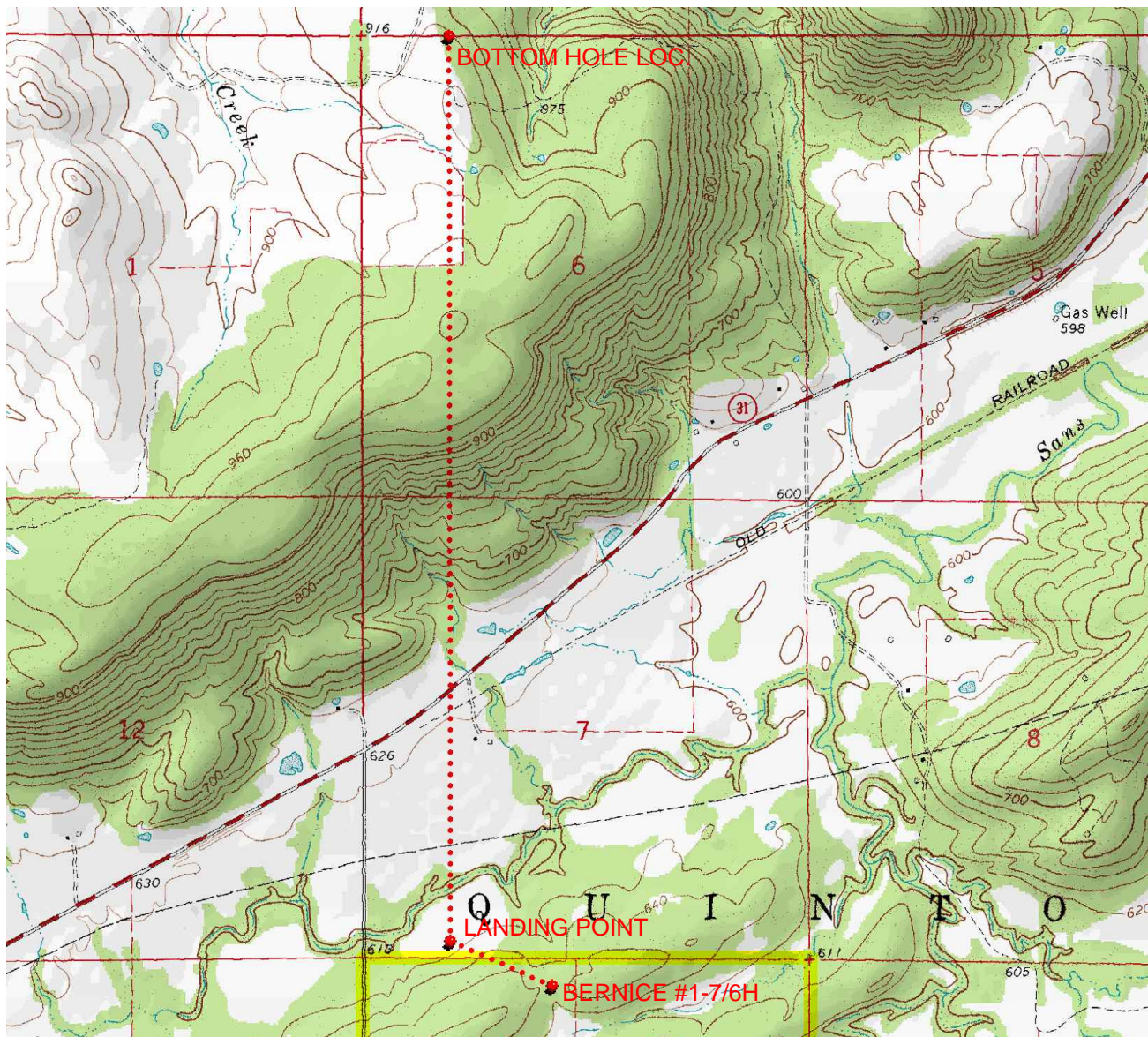
Topographic Vicinity Map

Operator: TRINITY OPERATING
Lease Name and No.: BERNICE #1-7/6H
Surface Hole Location: 249' FNL - 2100' FWL
Sec. 18 Twp. 7N Rng. 18E I.M.
Landing Point: 250' FSL - 930' FWL
Sec. 7 Twp. 7N Rng. 18E I.M.
Bottom Hole Location: 1' FNL - 930' FWL
Sec. 6 Twp. 7N Rng. 18E I.M.
County: Pittsburg State of Oklahoma



Scale 1" = 2000'
Contour Interval: 20'

Ground Elevation at Surface Hole Location: 656'



Provided by:
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Expires June 30, 2018

Date Staked: 10/26/17

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 #: 7448-A

Operator: TRINITY OPERATING

Lease Name and No.: BERNICE #1-7/6H

Accessibility: From the North.

Directions: From the junction of State HWY 71 & State HWY 31 in the town of Quinton, OK, go 5.2 miles Southwest on State HWY 31, then go 0.5 miles South on "Cable Loop" to 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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