API NUMBER: 121 24812

Horizontal Hole Oil & Gas

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

Approval Date: 04/04/2018
Expiration Date: 10/04/2018

PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 7N Rge: 15E County: PITTSBURG

SPOT LOCATION: SE NE NE NW

FEET FROM QUARTER: FROM **NORTH** FROM **WEST**

SECTION LINES: **375** **2435**

Lease Name: BRENT **Well No: 2-23/14H** **Well will be 375 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

BRENT A & SHAWNDA MCALESTER
4276 SHADY GROVE RD
MCALESTER OK 74501

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

	Name	Depth		Name	Depth
1	WOODFORD	7950	6		
2			7		
3			8		
4			9		
5			10		

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201800720
201800721
201800723

Special Orders:

Total Depth: 18949 Ground Elevation: 615 **Surface Casing: 320** Depth to base of Treatable Water-Bearing FM: 270

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 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).

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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 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 14 Twp 7N Rge 15E County PITTSBURG

Spot Location of End Point: NE NW NE NE

Feet From: NORTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 830

Depth of Deviation: 7736

Radius of Turn: 556

Direction: 10

Total Length: 10340

Measured Total Depth: 18949

True Vertical Depth: 8000

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

Notes:

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.

Category	Description
HYDRAULIC FRACTURING	3/20/2018 - G71 - 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
MEMO	3/20/2018 - G71 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS (REQUIRED - LAKE EUFAULA), WBM & OBM CUTTINGS CAPTURED IN CONCRETE-LINED PIT, SOLIDFIED AND HELD UNTIL DISPOSAL APPROVED BY OCC; PIT 3 - OBM TO VENDOR
PENDING CD - 201800720	3/26/2018 - G58 - (1280)(HOR) 14 & 23-7N-15E EST WDFD, OTHERS COMPL. INT. NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST SP. ORDER 589669, WDFD; SP. ORDER 555635, WDFD)
PENDING CD - 201800721	3/26/2018 - G58 - (I.O.) 14 & 23-7N-15E X201800720 WDFD, OTHERS COMPL. INT. NCT 165' FSL OF 23-7N-15E, NCT 165' FNL OF 14-7N-15E, NCT 700' FEL NO OP. NAMED REC 2/12/2018 (JOHNSON)

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.

Well Location Plat

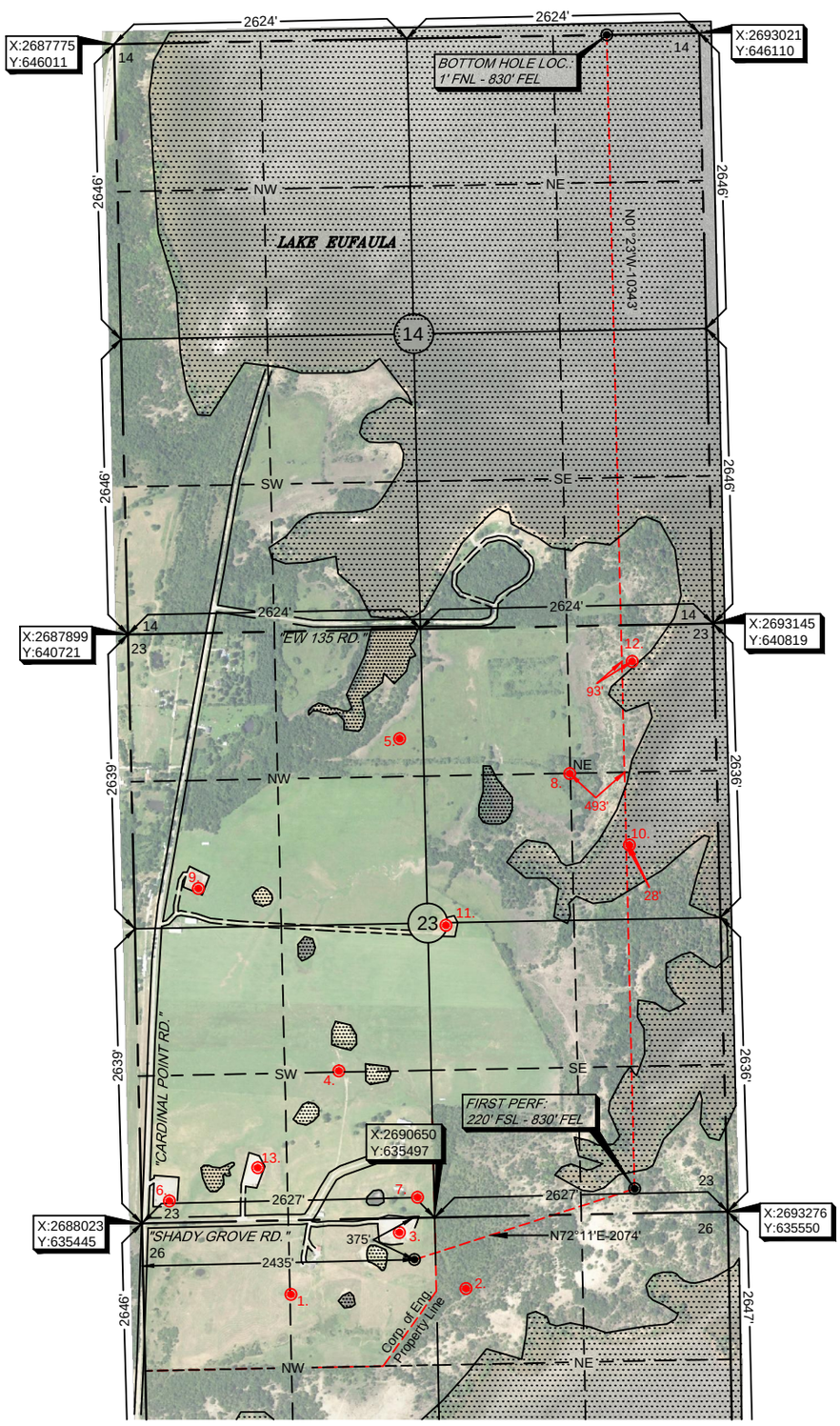
S.H.L. Sec. 26-7N-15E I.M.
B.H.L. Sec. 14-7N-15E I.M.

Operator: TRINITY OPERATING
Lease Name and No.: BRENT #2-23/14H
Footage: 375' FNL - 2435' FWL Gr. Elevation: 615'
Section: 26 Township: 7N Range: 15E I.M.
County: Pittsburg State of Oklahoma
Terrain at Loc.: Location fell on existing pad/open pasture that drops to the Northeast.

121-24812

All bearings shown are grid bearings.

0' 750' 1500' 2250'
1" = 1500'



GPS DATUM
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°03'24.75"N
Lon: 95°41'34.08"W
X: 2690466
Y: 635118

First Perf:
Lat: 35°03'30.58"N
Lon: 95°41'10.15"W
X: 2692441
Y: 635753

Bottom Hole Loc.:
Lat: 35°05'12.88"N
Lon: 95°41'10.31"W
X: 2692191
Y: 646093

-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 #5817-A-A
Date Staked: 10/10/17 By: H.S.
Date Drawn: 10/13/17 By: K.B.
Rev. FP & BH: 02/23/18 By: C.K.
Corrected FWL footage: 03/28/18 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.

03/28/18
LANCE G. MATHIS OK LPLS 1664

LICENSED PROFESSIONAL LAND SURVEYOR
LANCE G. MATHIS
1664
OKLAHOMA

Well Location Plat

S.H.L. Sec. 26-7N-15E I.M.
B.H.L. Sec. 14-7N-15E I.M.

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1" = 1500'

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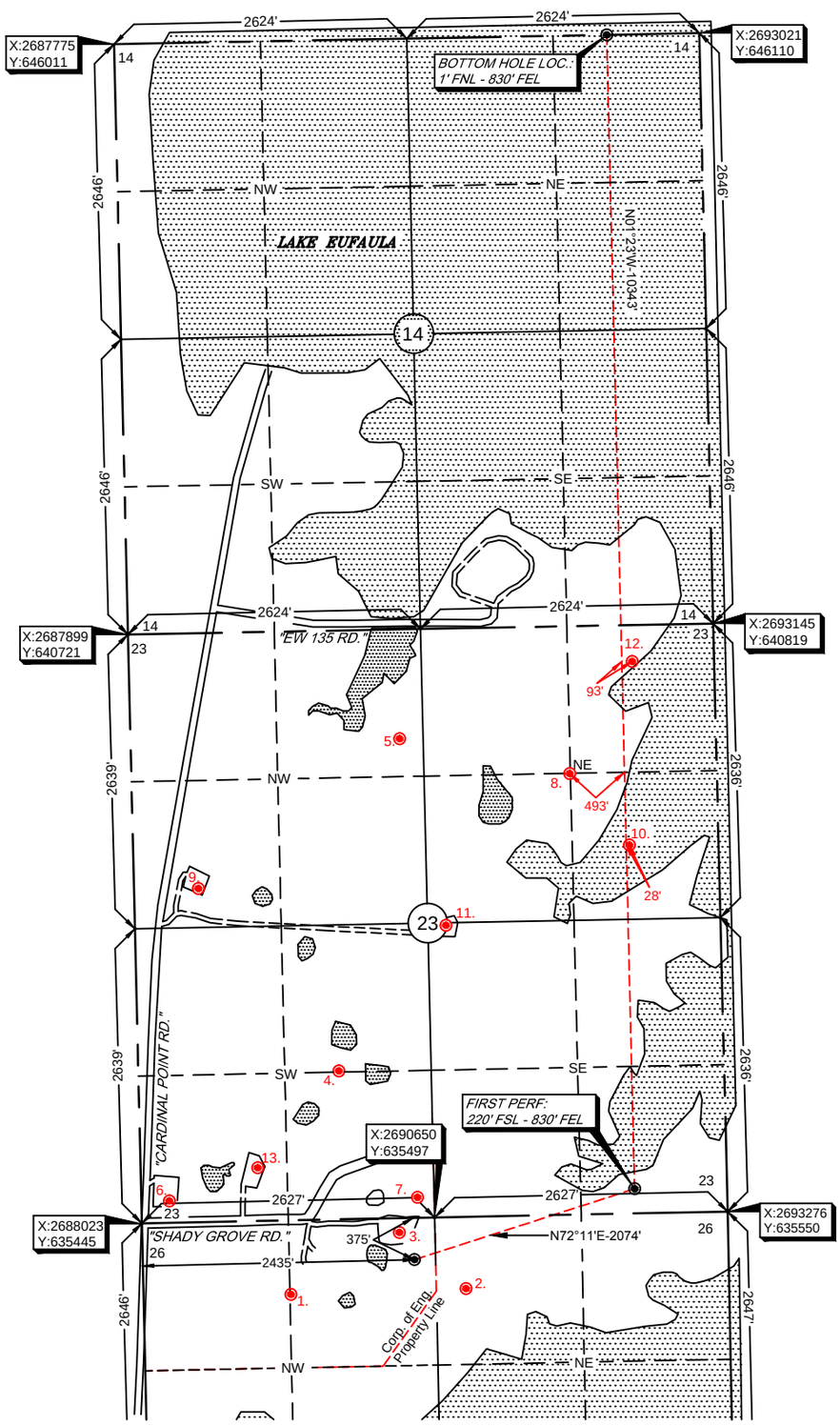

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03/28/18
LANCE G. MATHIS OK LPLS 1664

LICENSED PROFESSIONAL LAND SURVEYOR
LANCE G. MATHIS
1664
OKLAHOMA

Anti-Collision Info

S.H.L. Sec. 26-7N-15E I.M.
B.H.L. Sec. 14-7N-15E I.M.

Operator: TRINITY OPERATING
Lease Name and No.: BRENT #2-23/14H
Footage: 375' FNL - 2435' FWL Gr. Elevation: 615'
Section: 26 Township: 7N Range: 15E I.M.
First Perf: 220' FSL - 830' FEL
Section: 23 Township: 7N Range: 15E I.M.
Bottom Hole Location: 1' FNL - 830' FEL
Section: 14 Township: 7N Range: 15E I.M.
County: Pittsburg State of Oklahoma

SECTION 26-7N-15E

1. ENERGY RESOURCES LTD *MCALESTER 1* *1980' FSL - 1320' FWL (NW/4)* *OCC STATUS: PA*	2. TRINITY OPERATING LLC *BRENT 1-23H* *2003' FSL - 265' FWL (NE/4)* *OCC STATUS: AC*	3. TRINITY OPERATING LLC *BRENT* *2516' FSL - 2305' FWL (NW/4)* *OCC STATUS: AC*

SECTION 23-7N-15E

4. PETROQUEST ENERGY LLC *MARY MCALESTER 1-23* *1328' FSL - 1798' FWL (SW/4)* *OCC STATUS: PA*	5. TAG TEAM RESOURCES LLC *JAMES T MCALESTER 2-23* *1657' FSL - 2412' FWL (NW/4)* *OCC STATUS: AC*	6. PETROQUEST ENERGY LLC *MARY MCALESTER 3-23* *190' FSL - 215' FWL (SW/4)* *OCC STATUS: PA*
7. PETROQUEST ENERGY LLC *SOONER 4-23* *165' FSL - 2475' FWL (SW/4)* *OCC STATUS: PA*	8. WHITMAR EXPLORATION COMPANY *MCALESTER 1-23* *1320' FNL - 1320' FEL (NE/4)* *OCC STATUS: PA*	9. TAG TEAM RESOURCES LLC *JAMES T MCALESTER 2-23* *350' FSL - 575' FWL (NW/4)* *OCC STATUS: AC*
10. TAG TEAM RESOURCES LLC *HILDARDE 5-23* *666' FSL - 1825' FWL (NE/4)* *OCC STATUS: AC*	11. TAG TEAM RESOURCES LLC *HILDARDE 5-23* *2614' FSL - 2464' FWL (SE/4)* *OCC STATUS: AC*	12. TRINITY OPERATING (USG) LLC *WOOD 1-22H* *2310' FSL - 1890' FWL (NE/4)* *OCC STATUS: AC*
13. VANGUARD OPERATING LLC *WOOD 26-1H* *475' FSL - 1050' FWL (SW/4)* *OCC STATUS: AC*		

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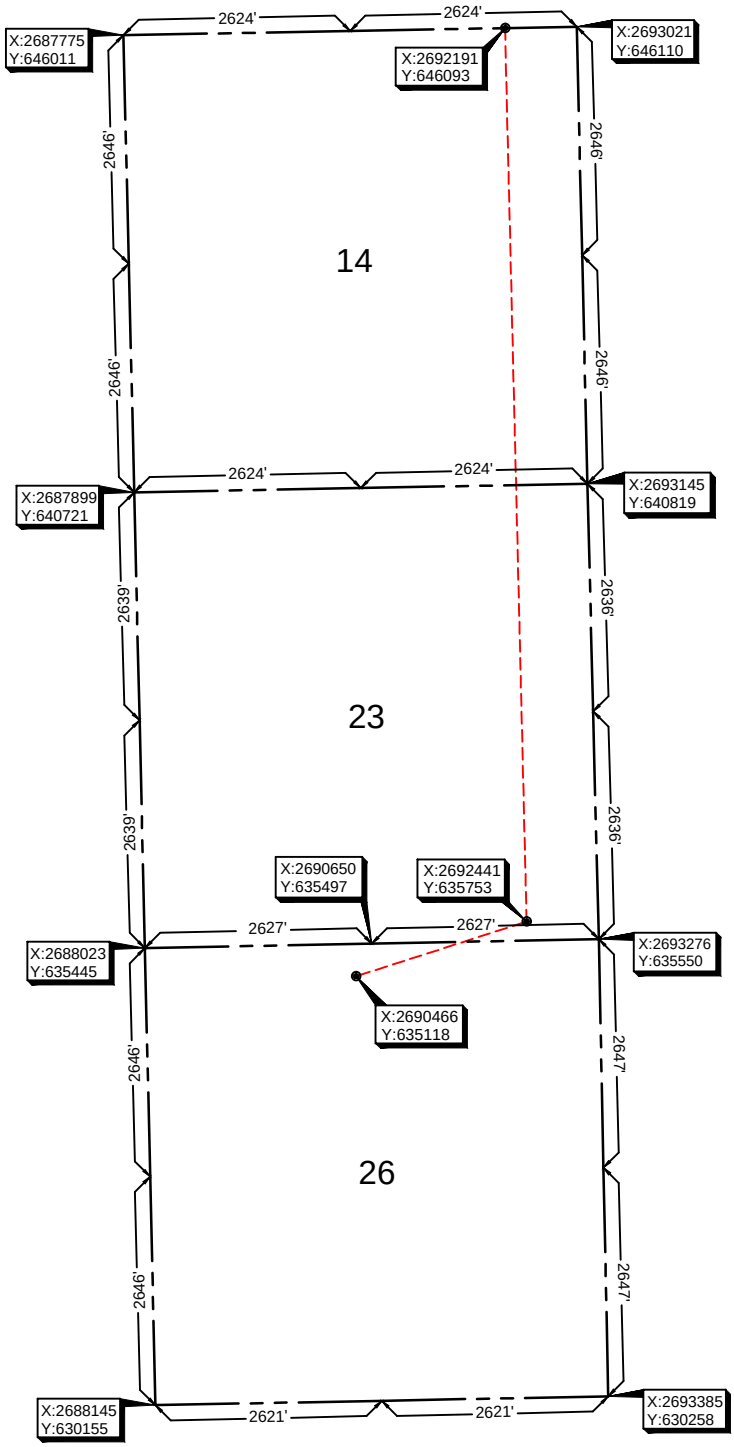
PLEASE NOTE
EXISTING WELL DATA SHOWN HEREON WAS FURNISHED FROM THE OCC WEBSITE AND WAS NOT SURVEYED OR VERIFIED ON THE GROUND

X & Y Data Sheet

S.H.L. Sec. 26-7N-15E I.M.
B.H.L. Sec. 14-7N-15E I.M.

Operator: TRINITY OPERATING
Lease Name and No.: BRENT #2-23/14H
Surface Hole Location: 375' FNL - 2435' FWL Gr. Elevation: 616'
First Perf: 220' FSL - 830' FEL
Sec. 23 Twp. 7N Rng. 15E I.M.
Bottom Hole Location: 1' FNL - 830' FEL
Sec. 14 Twp. 7N Rng. 15E I.M.
County: Pittsburg State of Oklahoma

NO SCALE
GPS DATUM
NAD 27
OK SOUTH ZONE



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Certificate of Authorization No. 5348
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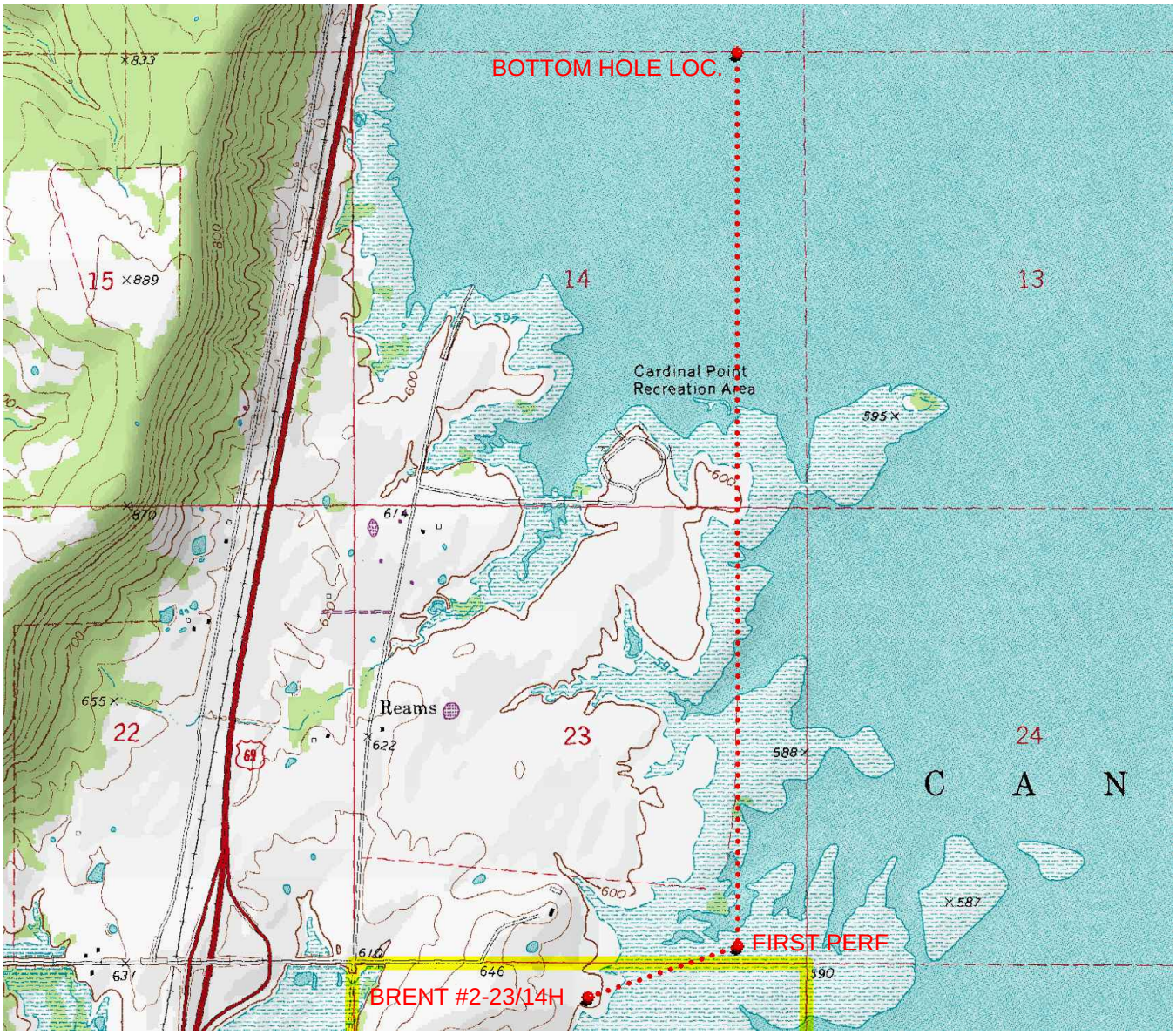
NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey.

Topographic Vicinity Map

Operator: TRINITY OPERATING
Lease Name and No.: BRENT #2-23/14H
Surface Hole Location: 375' FNL - 2435' FWL
Sec. 26 Twp. 7N Rng. 15E I.M.
First Perf: 220' FSL - 830' FEL
Sec. 23 Twp. 7N Rng. 15E I.M.
Bottom Hole Location: 1' FNL - 830' FEL
Sec. 14 Twp. 7N Rng. 15E I.M.
County: Pittsburg State of Oklahoma

Scale 1" = 2000'
Contour Interval: 10'

Ground Elevation at Surface Hole Location: 615'



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Expires June 30, 2018

Date Staked: 10/10/17

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

TRINITY OPERATING

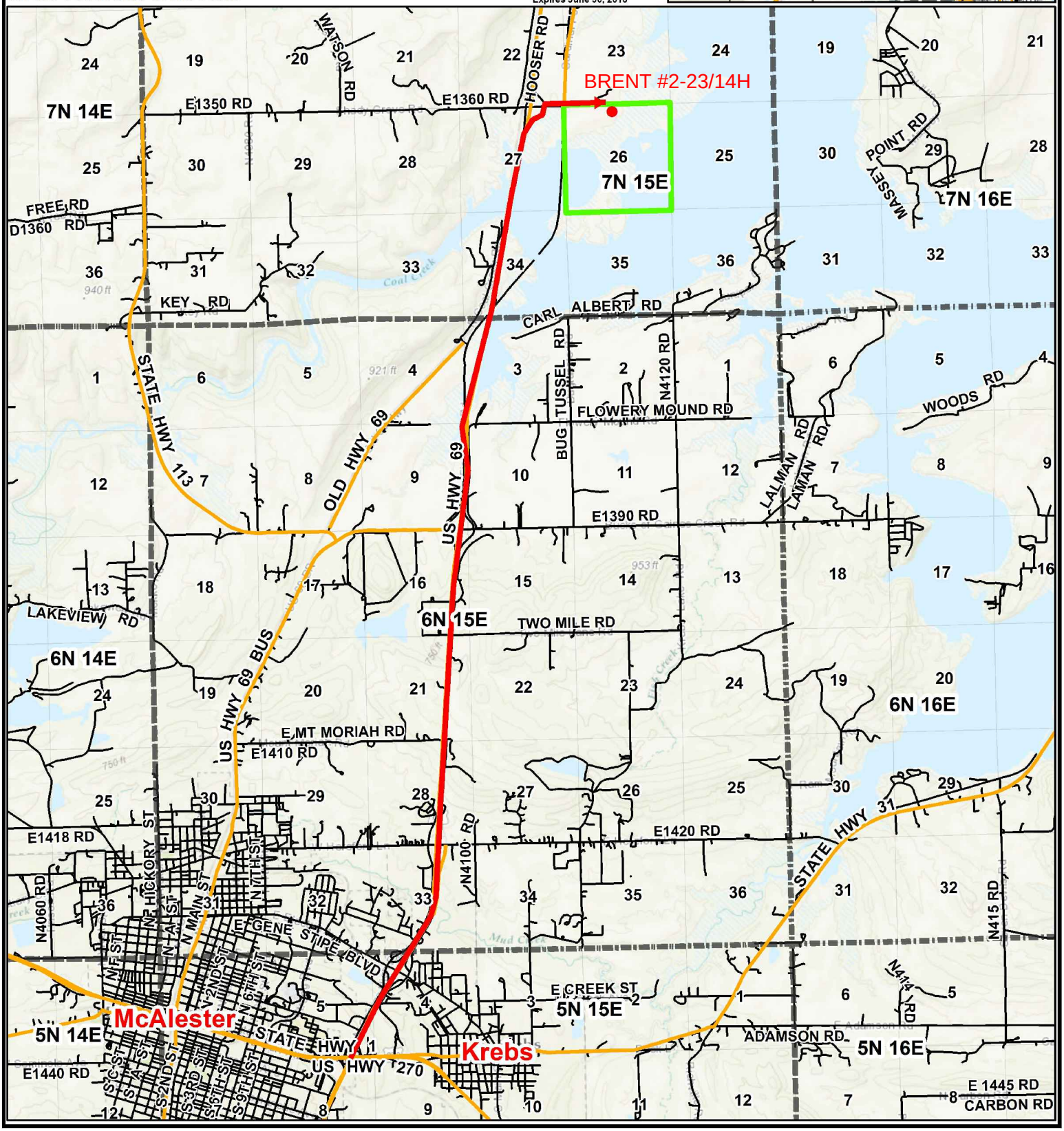
Job #: 5817-A-A

Operator: TRINITY OPERATING

Lease Name and No.: BRENT #2-23/14H

Accessibility: From the South.

Directions: From the junction of US HWY 69 & US HWY 270 in the town of McAlester, OK go 9.0 miles North on US HWY 69, take the "Coal Creek Rd." exit 0.3 miles East, then go 0.2 miles East on "Shady Grove Rd." to the Northwest Quarter of Section 26-7N-15E on the South side of the road.

1 inch = 1.25 mile

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