

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

API NUMBER: 027 21493

Approval Date: 10/19/2016
Expiration Date: 04/19/2017

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 8N Rge: 2W County: CLEVELAND
SPOT LOCATION: NE SE NW NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 900 1600

Lease Name: BARBOUR Well No: 2-34 Well will be 900 feet from nearest unit or lease boundary.
Operator Name: OKLAND OIL COMPANY Telephone: 4052363046 OTC/OCC Number: 7910 0

OKLAND OIL COMPANY
110 N ROBINSON AVE STE 400
OKLAHOMA CITY, OK 73102-9022

MANN-BENNETT FAMILY TRUST
PO BOX 240
WHEATON IL 60189

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

Name	Depth	Name	Depth
1 DEESE 1	6750	6 PENN BASAL	7200
2 DEESE 2	6825	7 HUNTON	7300
3 DEESE 3	6960	8	
4 HART	7030	9	
5 DEESE 5 (OSBORN)	7120	10	

Spacing Orders: 218620 Location Exception Orders: Increased Density Orders:
Pending CD Numbers: 201604189 Special Orders:

Total Depth: 7800 Ground Elevation: 1184 **Surface Casing: 850** Depth to base of Treatable Water-Bearing FM: 650

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

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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

Within 1 mile of municipal water well? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

- D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 16-31678
- H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

Additional Surface Owner	Address	City, State, Zip
TAMMY LEE MARTIN	9528 POOLSIDE DRIVE	HARRISON, TN 37341
AUTUMN LEILAN SMITH	9272 COLORAMA WAY	LAKESIDE, CA 92040
DEBORAH N KLEIN SMITH	9272 COLORAMA WAY	LAKESIDE, CA 92040
SWAN & MATHESON RESOURCES L	805 SHADOW WOOD DRIVE	EDMOND, OK 73034

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.

EMMA JEAN COFFMAN	600 SHADOW VIEW COURT	NORMAN, OK 73072
CHARLES JASON SMITH	280 HIGHLINE TRAIL	EL CAJON, CA 92021
JAMES DYLAN SMITH	1467 BRYAN STREET	BANNING, CA 92220
JIMMY A TUCKER	1355 SELLERS CROMEANS ROAD	FULTON, MS 38843

Notes:

Category	Description
HYDRAULIC FRACTURING	10/7/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.
PENDING CD - 201604189	10/7/2016 - G64 - (I.O.) N2 NE4 34-8N-2W X218620 DEES1, DEES2, DEES3, HART, DS5OS, BPSLV, HNTN 420' FSL, 900' FWL ** NO OP. NAMED REC. 10-17-2016 (NORRIS) **S/B 1043' FWL PER ITD; WILL BE CORRECTED AT HEARING FOR FINAL ORDER PER OPERATOR
PUBLIC WATER SUPPLY WELL	10/7/2016 - G71 - NOBLE - 1 PWS/WPA, NE/4 27-8N-2W
SPACING - 218620	10/7/2016 - G64 - (80) N2 SE4, NE4 34-8N-2W LD NE/SW VAC OTHER EST DEES1, DEES2, DEES3, HART EXT 61670 BPSLV, OTHERS EXT 200012 DS5OS, HNTN
SURFACE LOCATION	10/7/2016 - G64 - 900' FNL, 1600' FEL PER STAKING PLAT

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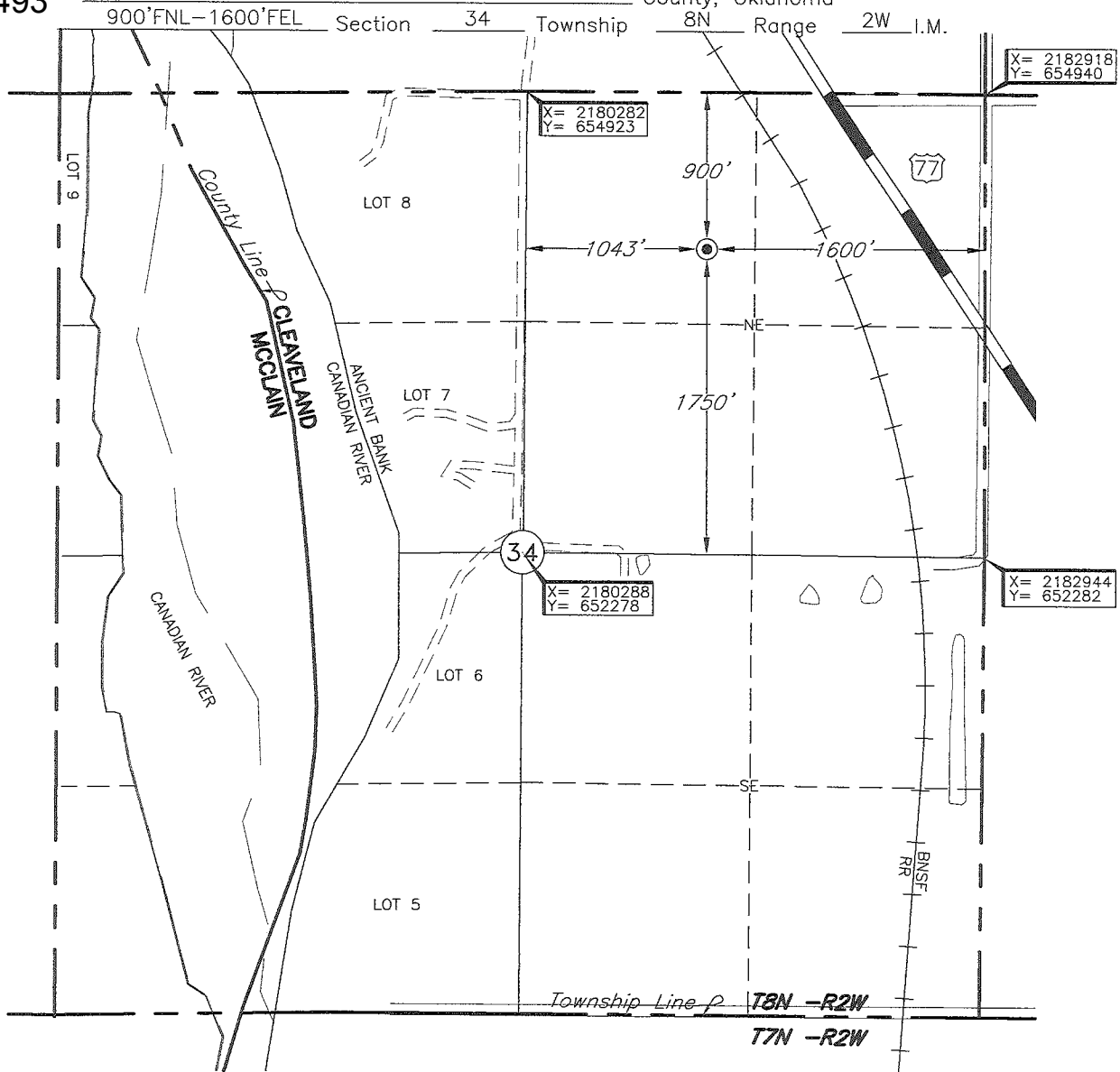
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. 1293 LS

API: 027 21493

CLEVELAND

County, Oklahoma



Operator: OKLAND OIL COMPANY

Lease Name: BARBOUR

Well No.: 2-34

ELEVATION:
1184' Gr. at Stake

Topography & Vegetation Loc. fell in level pasture with cedar trees

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From West off county road

Distance & Direction from Hwy Jct or Town From US. Hwy. 77 & McGuire Rd, go ±0.4 mile North to a paved road going W-SW, follows paved road South ±0.3 mile to the N/4 Cor. of Sec. 34-T8N-R2W

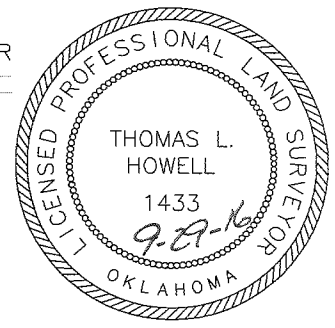
DATUM: NAD-27
 LAT: 35°07'44.5"N
 LONG: 97°23'37.0"W
 LAT: 35.129017541°N
 LONG: 97.393615464°W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK SOUTH
 X: 2181327
 Y: 654030

Date of Drawing: Sep. 29, 2016
 Invoice # 266016 Date Staked: Sep. 28, 2016 TR

CERTIFICATE:

I, Thomas L. Howell an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

Thomas L. Howell
 Oklahoma Lic. No. 1433



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CLEVELAND

County, Oklahoma

900'FNL-1600'FEL Section 34 Township 8N Range 2W I.M.

NOTE:
 The information shown herein is for
 construction purposes ONLY.

Scale: 1" = 1000'

GRID
 NAD-27
 OK SOUTH
 US Feet

TOPOGRAPHIC
 1958



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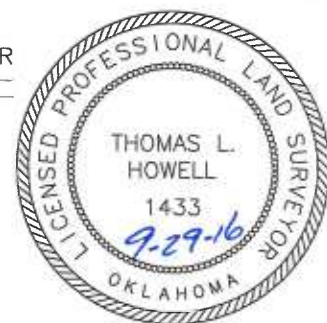
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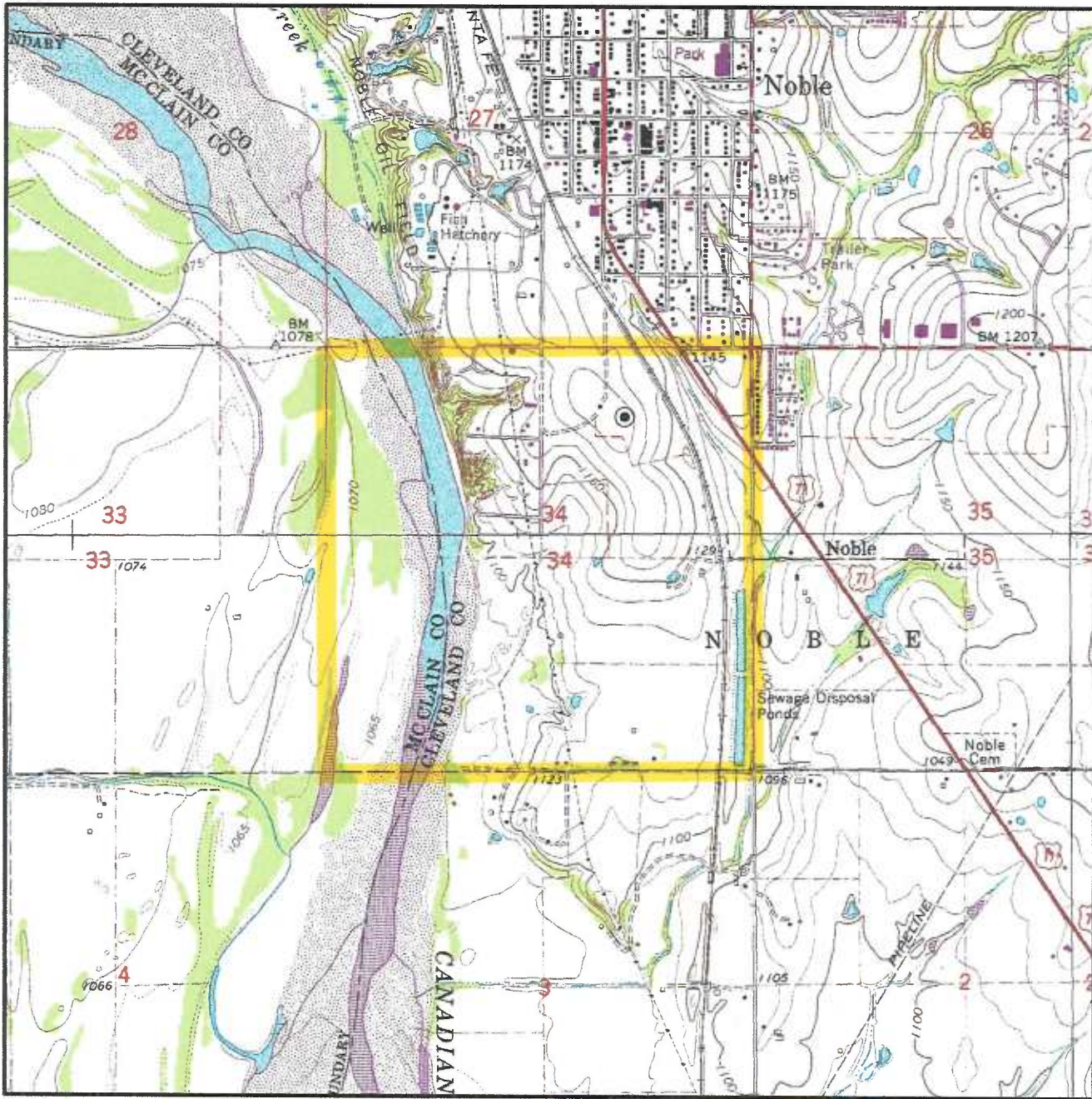
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

Surveying and Mapping for the Energy Industry

6709 North Classen Blvd. Oklahoma City, OK 73116 www.topographic.com

Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

LOCATION & ELEVATION VERIFICATION MAP



Sec. 34 Twp. 8N Rng. 2W IM

County CLEVELAND State OK

Operator OKLAND OIL COMPANY

Description 900'FNL-1600'FEL

Lease BARBOUR 2-34

Elevation 1184' Gr. at Stake

U.S.G.S. Topographic
Quadrangle Map WASHINGTON, OK

Above Background Data from

U.S.G.S. Topographic Map

Scale: 1"=2000'

Contour Interval 10'

When elevation is shown hereon it is the ground elevation of the location stake.

Review this plat and inform us immediately of any possible discrepancy.



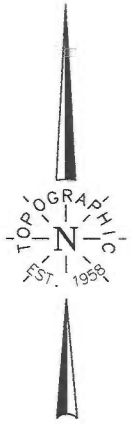
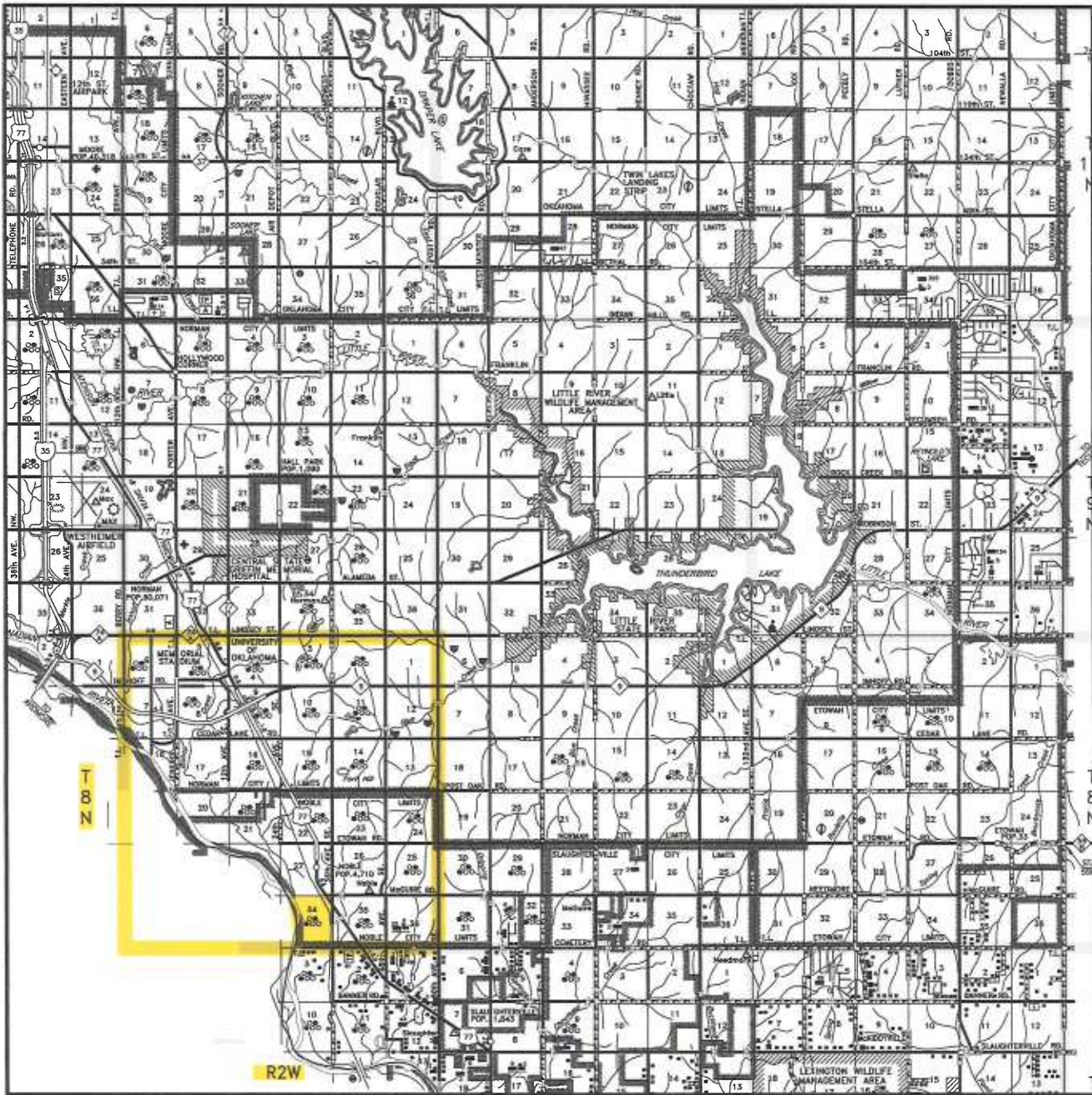
LAND SURVEYORS OF OKLAHOMA

Sep. 28, 2016

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VICINITY MAP



Scale: 1" = 3 Miles

Sec. 34 Twp. 8N Rng. 2W IM

County CLEVELAND State OK

Operator OKLAND OIL COMPANY



LAND SURVEYORS OF OKLAHOMA