API NUMBER: 015 23309

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

Approval Date: 03/04/2019
Expiration Date: 09/04/2020

Horizontal Hole Multi Unit

Pit Location is NON HSA
Pit Location Formation:

EL RENO

Oil & Gas

PERMIT TO DRILL

Apparator Name	POT LOCATION: C S2 S2 NW FEET FR	OM QUARTER: FROM	NORTH FROM V	VEST		
Name	SECTION	N LINES:	2310 1	320		
KING ENERGY LLC T025 N ROBINSON AVE OKLAHOMA CITY, OK 73116-9044 MARION MARTIN P.O. BOX 38 MUSTANG OK 73064	Lease Name: BAKER 5-8	Well No:	1WH	Well will b	e 1320 feet from nearest unit or lease boundary.	
MARION MARTIN P.O. BOX 38 MUSTANG			Telephone: 4054	4630909	OTC/OCC Number: 19617 0	
P.O. BOX 38 MUSTANG	KING ENERGY LLC			MARION MARTIN		
OKLAHOMA CITY, OK 73116-9044 MUSTANG OK 73064 Depth Name Depth Name Depth Depth Mame Depth Depth Mame Depth Depth Mustang Orders Increased Density Orders: Density Orders: Mustang Orders: Density Orders: Density Orders: Depth to base of Treatable Water-Bearing FM: 500 Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes PT 1 INCROMATION Approved Method for disposal of Drilling Fluids: Myse of PR system: CLOSED Closed System Means Steel Pits Type of Must System: WATER BASED D. One time land application → (REQUIRES PERMIT) PERMIT NO: 19- H. SEE MEMO PERMIT NO: 19- Mith 1 mile of municipal water well? N Mith 1 mile of municipal water well? N Not is not located in a Hydrologically Sensitive Area.	7025 N ROBINSON AVE					
Name	OKLAHOMA CITY, OK 73110	6-9044			OK 73064	
Name		on Only)				
1 MISSISSIPPIAN 6000 6 8 2 WOODFORD 8800 7 3 HUNTON 9400 8 4 9 5 10 Availag Orders: 690616 Location Exception Orders: Increased Density Orders: Inc				Name	Depth	
2 WOODFORD 3 HUNTON 9400 8 9 10 10 Location Exception Orders: 690616 Cotation Exception Orders: 10 Location Exception Ord			6		•	
4 5 10 acing Orders: 690616 Location Exception Orders: Location Exception Orders: Increased Density Orders: Special Orders: S	2 WOODFORD	8800	7			
Location Exception Orders: 690616 Location Exception Orders: Special Orders: Increased Density Orders: Location Exception Orders: Increased Density Orders: Special Orders: Special Orders: Special Orders: Special Orders: Total Depth: 14764 Ground Elevation: 1349 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 500 Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes Approved Method for disposal of Drilling Fluids: Approved Method for disposal of Drilling Fluids: D. One time land application (REQUIRES PERMIT) PERMIT NO: 19- H. SEE MEMO WATER BASED J. One time land application (REQUIRES PERMIT) PERMIT NO: 19- H. SEE MEMO	3 HUNTON	9400	8			
Location Exception Orders: 690616 Location Exception Orders: Increased Density Orders: Increased Density Orders: Special Order			9			
Incleased Density Orders: Document Community Co	5		10			
201810024 201901378 Total Depth: 14764 Ground Elevation: 1349 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 500 Under Federal Jurisdiction: No Surface Water used to Drill: Yes PIT 1 INFORMATION Approved Method for disposal of Drilling Fluids: Type of Pit System: CLOSED Closed System Means Steel Pits Type of Mud System: WATER BASED Chlorides Max: 5000 Average: 3000 s depth to top of ground water greater than 10ft below base of pit? Y Vithin 1 mile of municipal water well? N Vellhead Protection Area? N Pit is not located in a Hydrologically Sensitive Area.	pacing Orders: 690616	Location Exception	Orders:		Increased Density Orders:	
Total Depth: 14764 Ground Elevation: 1349 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 500 Under Federal Jurisdiction: No Surface Water used to Drill: Yes PIT 1 INFORMATION Suppose of Pit System: CLOSED Closed System Means Steel Pits Suppose of Mud System: WATER BASED D. One time land application (REQUIRES PERMIT) PERMIT NO: 19- Chlorides Max: 5000 Average: 3000 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 Wellhead Protection Area? N	ending CD Numbers: 201810023				Special Orders:	
Total Depth: 14764 Ground Elevation: 1349 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 500 Under Federal Jurisdiction: No Surface Water used to Drill: Yes PT 1 INFORMATION Approved Method for disposal of Drilling Fluids: Type of Pit System: CLOSED Closed System Means Steel Pits Type of Mud System: WATER BASED D. One time land application (REQUIRES PERMIT) PERMIT NO: 19- Thiorides Max: 5000 Average: 3000 This provided Max of municipal water well? N Wellhead Protection Area? N Wellhead Protection Area? N Total Depth: 14764 Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes Approved Method for disposal of Drilling Fluids: D. One time land application (REQUIRES PERMIT) PERMIT NO: 19- Thiorides Max: 5000 Average: 3000 Wellhead Protection Area? N Wellhead Protection Area? N	201810024					
Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes PTT 1 INFORMATION Approved Method for disposal of Drilling Fluids: Type of Pit System: CLOSED Closed System Means Steel Pits Type of Mud System: WATER BASED D. One time land application (REQUIRES PERMIT) PERMIT NO: 19- Chlorides Max: 5000 Average: 3000 Se depth to top of ground water greater than 10ft below base of pit? Y Wellhead Protection Area? N Wellhead Protection Area? N Wellhead Protection Area? N	201901378					
Approved Method for disposal of Drilling Fluids: Type of Pit System: CLOSED Closed System Means Steel Pits Type of Mud System: WATER BASED D. One time land application (REQUIRES PERMIT) H. SEE MEMO Wellhead Protection Area? N Wellhead Protection Area? N Wellhead In a Hydrologically Sensitive Area.	Total Depth: 14764 Ground Elevation: 1349	Surface (Casing: 1500	Dep	oth to base of Treatable Water-Bearing FM: 500	
Type of Pit System: CLOSED Closed System Means Steel Pits Type of Mud System: WATER BASED Chlorides Max: 5000 Average: 3000 Se depth to top of ground water greater than 10ft below base of pit? Y Wellhead Protection Area? N Wellhead Protection Area? N Wellhead In a Hydrologically Sensitive Area.	Under Federal Jurisdiction: No	Fresh Water	Supply Well Drilled:	No	Surface Water used to Drill: Yes	
by pe of Mud System: WATER BASED D. One time land application (REQUIRES PERMIT) H. SEE MEMO H. SEE MEMO Wellhead Protection Area? N Wellhead Protection Area? N Wellhead Protection Area? N Wellhead Protection Area.	PIT 1 INFORMATION		Appro	oved Method for disposal of Dr	illing Fluids:	
H. SEE MEMO	ype of Pit System: CLOSED Closed System Means Steel Pits	S				
depth to top of ground water greater than 10ft below base of pit? Y //ithin 1 mile of municipal water well? N //ellhead Protection Area? N it is not located in a Hydrologically Sensitive Area.	ype of Mud System: WATER BASED					
/ithin 1 mile of municipal water well? N /ellhead Protection Area? N it is not located in a Hydrologically Sensitive Area.	· ·		H. S	H. SEE MEMO		
/ellhead Protection Area? N it is not located in a Hydrologically Sensitive Area.		? Y				
it is not located in a Hydrologically Sensitive Area.	/ithin 1 mile of municipal water well? N					
	/allhand Protection Area?					

PIT 2 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: EL RENO

HORIZONTAL HOLE 1

Sec 08 Twp 6N Rge 12W County CADDO C W2 Spot Location of End Point: Feet From: NORTH 1/4 Section Line: 2640 WEST Feet From: 1/4 Section Line: 1320

Depth of Deviation: 8527 Radius of Turn: 573 Direction: 180

Total Length: 5337

Measured Total Depth: 14764

True Vertical Depth: 9400

End Point Location from Lease,
Unit, or Property Line: 1320

Notes:

MEMO

Category Description

DEEP SURFACE CASING 1/25/2019 - 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

HYDRAULIC FRACTURING 1/25/2019 - 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 1/25/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 -

OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201810023 2/13/2019 - GA8 - (I.O.) 5 & 8-6N-12W

EST MULTIUNIT HORIZONTAL WELL X690616/201901378 MSSP, WDFD, HNTN

(MSSP, HNTN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD)

50% 5-6N-12W 50% 8-6N-12W NO OP. NAMED

REC 12/18/2018 (NORRIS)

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.

015 23309 BAKER 5-8 1WH

Category Description

PENDING CD - 201810024 2/13/2019 - GA8 - (I.O.) 5 & 8-6N-12W

X690616/201901378 MSSP, WDFD, HNTN SHL (5-6N-12W) 2140' FSL, 330' FWL **

COMPL. INT. (5-6N-12W) NCT 1320' FNL, NCT 0' FSL, NCT 330' FWL COMPL. INT. (8-6N-12W) NCT 0' FNL, NCT 1320' FSL, NCT 330' FWL

NO OP. NAMÈD

REC 12/18/2018 (NORRIS)

** S/B SHL (5-6N-12W) 2310' FNL, 1320' FWL; TO BE CORRECTED AT HEARING FOR FINAL

ORDER PER OPERATOR

PENDING CD - 201901378 3/4/2019 - GA8 - (E.O.) 5 & 8-6N-12W

MODIFY 690616 TO:

VAC 548540 CSTDT, SCDTD, WDDTD, HNDT 5-6N-12W VAC 351983 CSTIN, SCINT, WDINT, HNINT E2 8-6N-12W

COEXIST SP. ORDER # 353330 CSTIN, SCINT, WDINT, HNINT E2 7 & W2 8-6N-12W

HEARING 3/11/2019 (OK'D PER MCCOY)

SPACING - 690616 2/12/2019 - GA8 - (640)(HOR) 5 & 8-6N-12W

VAC 351983 CSUTH, ŚCUTH, WDUTH, HNUTD E2 VAC 548540 SPOVT, CROTD, SCOTD, WDOTD, HTOTD

EST MSSP, WDFD, HNTN, OTHERS POE TO BHL (MSSP, HNTN) NLT 660' FB

POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL

(COEXIST SP. ORDER #351983 CSUTH, SCUTH, WDUTH, HNUTD W2 E2 7 & W2 8-6N-12W)

CADDO County, Oklahoma 2310'FNL-1320'FWL_Section _ Range R12W I.M. Township T6Ń PROVIDED BY OPERATOR LISTED, Township Line & T7N -R12W T6N -R12W X 1851072 Y 617522 X 1853716 Y 617504 X 1856361 Y 617487 THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY 00 RA 0 1 - 5 - 1950 LOT 4 LOT 3 LOT 2 LOT 1 2310' D DRILL PATH OT SURVEYED. GRID S/2-NW/4 S/2-NF/4 NAD-27 OK SOUTH US Feet INFORMATION -1320 1.325 SCALE: 1" = 1000' X 1851046 Y 614802 X 1856343 Y 614809 400' 1000 5 Best Acces Distance & from Hwy LANDING POINT 2640'FNL-1320'FWI NAD-27 (US Feet) 35'01'19.0" N 98'29'35.0" W 35.021939894' N 98.493067843' W X 1852367 Y 614873 Good Topography & Vegetation _ease Operator: t Accessibility to I ance & Direction 1 Hwy Jct or Town Drill Name: Site? KING ENERGY for BAKER lown Location From Loc. then Jct From fell North of X 1853666 Y 612177 X 1851021 Y 612175 X 1856327 Y 612176 3 West \$ ۵ pasture, PROPOSED Reference ? Stakes Set mile 58 6 20 slope the S e Stakes v. None PATH Hwy Northwest ó the ø BOTTOM HOLE 2640'FNL-1320'FWL NAD-27 (US Feet) 35'00'26.2" N 98'29'35.3" W 35.007274070' N 98.493145983' W X 1852317 Y 609536 2. South, Well Alternate Carnegie Corner N_o East/West 5-8 잌 Location 2 1WH X 1850997 Y 609521 X 1856319 Y 609534 Section 8 90 tence ကြ **ELEVATION:** 1349 400 T6N-R12W 00 at 35 Gr. Hwy 58 for ±6.0 miles 1850991 606882 X 1853650 Y 606887 Date of Drawing: Feb. 12, 2019 Project # <u>123241</u> Date Staked: . Jan. 22, 2019

This information was hered with a GPS receiver at 1 foot Horiz, Nert. accuracy,

DATUM: NAD-27 LAT: __35°01'22.2" N LONG: 98°29'35.0" W

LONG: 98'29'35.0" W LAT: 35.022846923' N LONG: 98.493063253' W

13800 Wireless

STATE PLANE

COORDINATES: (US Feet)
ZONE: OK SOUTH

X: <u>1852370</u> Y: <u>615204</u>

CERTIFICATE:

1, 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.

Oklahoma Lic. No. 1433



TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA
ss Way, Okla. City, OK. 73134 * LOCAL (405) 843–4847 * OUT OF STATE (800) 654–3219
Certificate of Authorization No. 1293 LS CADDO County, Oklahoma 2310'FNL-1320'FWL T6Ń _ Range R12W I.M. Section Township [LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION]
PROVIDED BY OPERATOR LISTED, NOT SURVEYED. FOR CONSTRUCTION PURPOSES OF 0 GRA 8/2 - N - 5 LOT GRID NAD-27 OK SOUTH US Feet SCALE: = 1000' 1000 Best Accessi Distance & I from Hwy Jo Good Topography & Vegetation Lease Name: Operator: Accessibility to Location Drill Site? East for ±6.0 miles, & Direction y Jct or Tow KING ENERGY L.L.C. BAKER Town From Loc. then Jct. From fell North ⊇. West ş α HWY pasture, mile Reference Stakes or Stakes Set None 58 õ slope the Ş HWY to Northwest the 9 in Carnegie. South, Well Alternate Location Corner No.: East/West 5-8 of 2 1WH Section 90 fence South S **ELEVATION:** 1349' 400 T6N-R12W on at Gr. South St. Hwy 58 for ±6.0 miles,

DATUM: <u>NAD-27</u> LAT: <u>35</u>*01'22.2" LONG: 98'29'35.0" W

35.022846923* LAT: LONG: 98.493063253* W

13800 Wireless

STATE PLANE

COORDINATES: (US Feet) ZONE: OK SOUTH

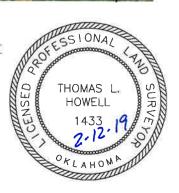
X:<u>1852370</u> Y: 615204

2019 Date of Drawing: Feb. 12, Project # <u>123241</u> 22, 2019 Jan. Date Staked:

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 Thomas L. Howell information shown herein.

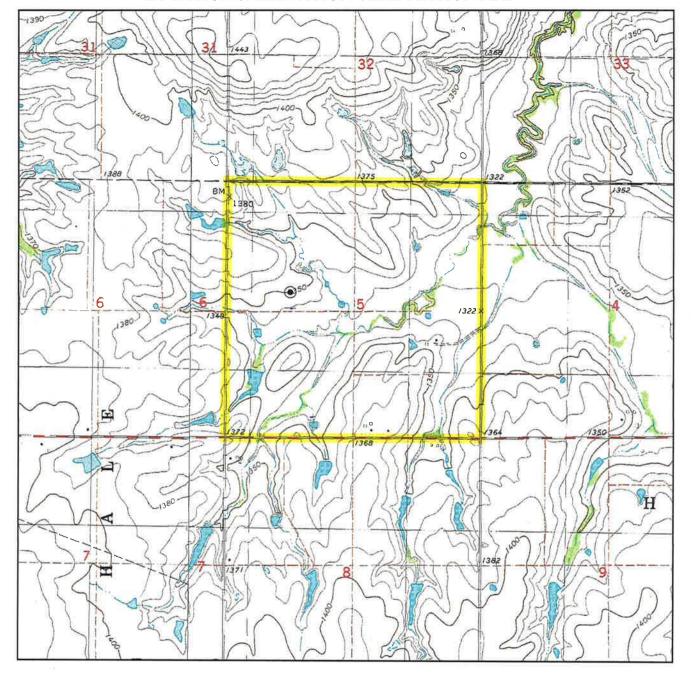
Oklahoma Lic. No.



TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

Surveying and Mapping for the Energy Industry
13800 Wireless Way, Oklahoma City, OK 73134 www.topographic.com
Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

LOCATION & ELEVATION VERIFICATION MAP



Sec. 5 Twp. 6N Rng. 12W I.M.

County CADDO State OK

Operator KING ENERGY, LLC

Description 2310'FNL-1320'FWL

Lease BAKER 5-8 1WH

Elevation 1349' Gr. at Stake

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.

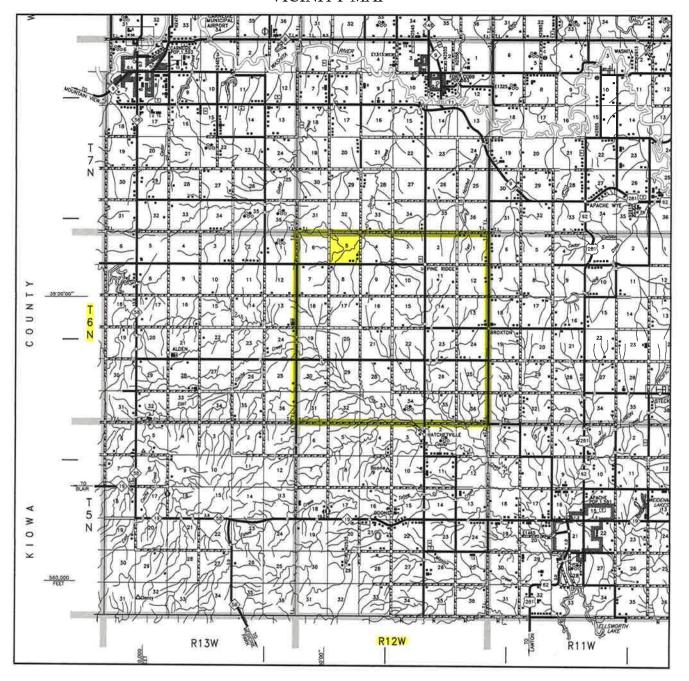


LAND SURVEYORS OF OKLAHOMA

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

Surveying and Mapping for the Energy Industry 13800 Wireless Way, Oklahoma City, OK 73134 www.topographic.com Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

VICINITY MAP



Scale: 1" = 3 Miles

OGRANA ON NO

557 1959

Sec	5	Twp	6N_	Rng	12W_	I.M
County_		CADDO		State		

Operator KING ENERGY, LLC



T 6 N - R 12 W (INDIAN MERIDIAN)

PLAT SHOWING

PROPOSED PAD AREA IN THE NW/4 OF SECTION 5, T6N — R12W CADDO COUNTY, OKLAHOMA

THOMAS L.
HOWELL
1433
1.1

OKLAHOMA

31 32 TOWNSHIP LINE P TON -R12W \$
6 5 TOW -R12W
LOT 4 LOT 3

NW/4

NW/4

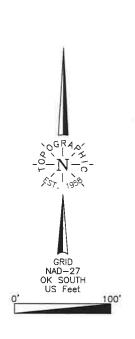
VICINITY MAP

(Scale: 1" = 1000')

R 12 W

KING ENERGY LLC

(A) BAKER 5-8 1WH
2310'FNL-1320'FWL
Elev. 1349' Gr.



BLEV.1351'

ELEV.1351'

PAD AREA

2.61 Acres

ELEV.1340'

STOCK

ELEV.1340'

STOCK

ELEV.1340'

SECTION 5 NW/4

NOTE:

The information shown herein is for construction purposes <u>ONLY.</u>

$\overline{}$		_				
⊢				This plat was prepared exclusively for	SCALE:	1"=100'
1	UPDATED LEASE NAME	02-12-19	_	KING ENERGY LLC	DATE:	1/22/2019
NO.	REVISION	DATE		and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors of Oklahoma	PROJECT/INV	OICE NO.:123241/311825
SUR	. BY:PJ3112	85_01	2219	TODOCDADUIO LAND CUDVEYORG BY	FILE NAM	IE: L2006A.DWG
DRA		ST		TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA	DWG NO.	:111058-L2-006-A
APP	ROVED BY:	TH_		13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847 Certificate of Authorization No. 1293 LS	SHEET	1 OF 1