

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

API NUMBER: 081 24285

Approval Date: 11/02/2016
Expiration Date: 05/02/2017

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 13N Rge: 2E County: LINCOLN
SPOT LOCATION: NW NE NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 280 700

Lease Name: KNIGHT Well No: 1-27 Well will be 280 feet from nearest unit or lease boundary.
Operator Name: EARLSBORO ENERGIES CORPORATION Telephone: 4058482829 OTC/OCC Number: 18096 0

EARLSBORO ENERGIES CORPORATION
3007 NW 63RD ST STE 205-B
OKLAHOMA CITY, OK 73116-3605

CAROL AND RICK KNIGHT, HW, JT
PO BOX 767
HARRAH OK 73045

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

Name	Depth	Name	Depth
1 OSWEGO	4676	6	
2 PRUE	4738	7	
3 SKINNER	4918	8	
4 RED FORK	4968	9	
5		10	

Spacing Orders: 656967

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201603603

Special Orders:

Total Depth: 5000

Ground Elevation: 1031

Surface Casing: 380

Depth to base of Treatable Water-Bearing FM: 330

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: 4000 Average: 2000

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: WELLINGTON

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 16-31756

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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.

081 24285 KNIGHT 1-27

Category	Description
HYDRAULIC FRACTURING	11/1/2016 - 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 - 201603603	11/1/2016 - G60 - (I.O.) NW4 27-13N-2E X656967 OSWG, PRUE, SKNR, RDFK NCT 280' FNL, NCT 660' FWL NO OP. NAMED REC. 9-13-16 (COLAW)
SPACING - 656967	11/1/2016 - G60 - (160) NW4 27-13N-2E EXT 318681 OSWG, PRUE EXT 180794 SKNR, RDFK
SURFACE HOLE LOCATION	11/2/2016 - G60 - 280' FNL, 700' FWL PER OPERATOR
SURFACE HOLE LOCATION	11/1/2016 - G60 - 300' FNL PER PLAT

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.

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

3508124285

LINCOLN

County, Oklahoma

280'FNL - 700'FWL Section 27 Township 13N Range 2E I.M.

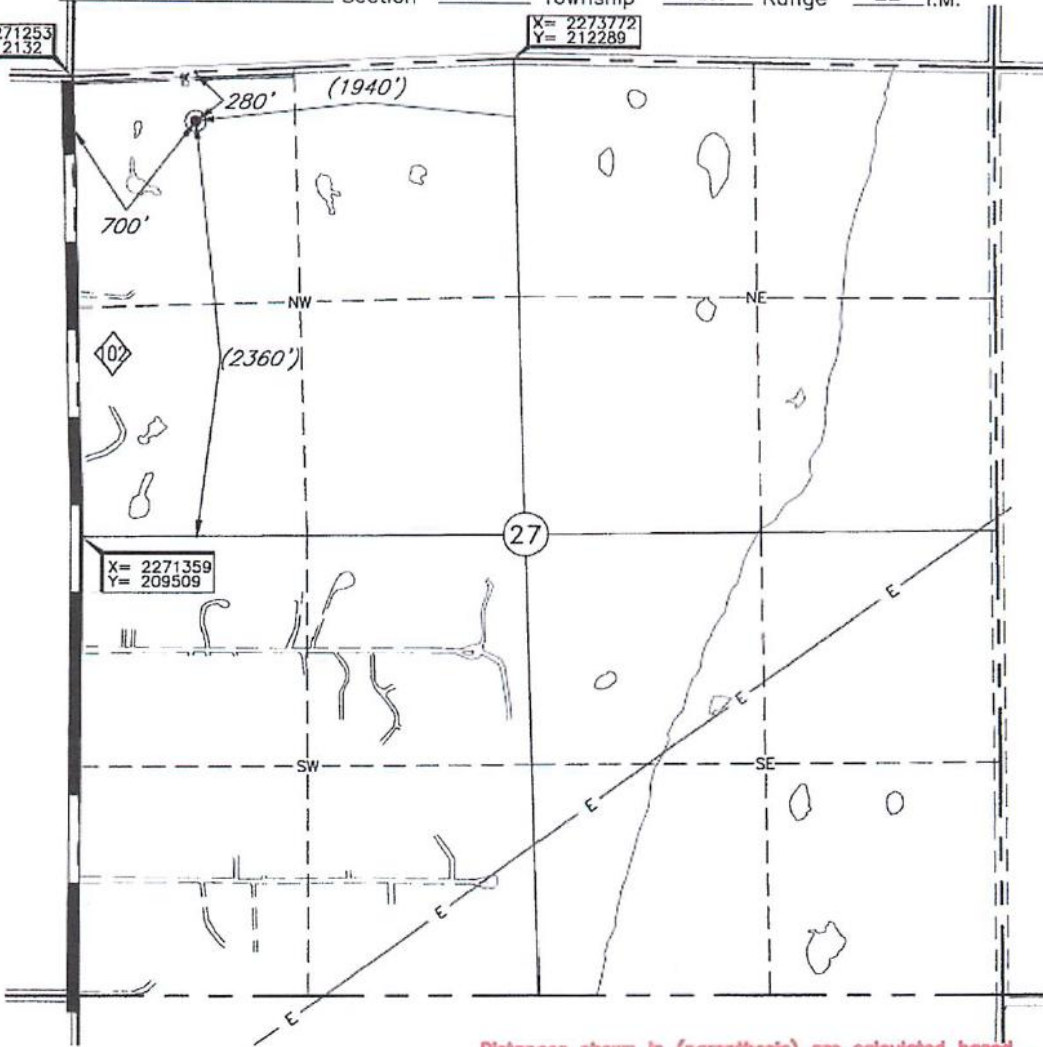
X= 2271253
Y= 212132

X= 2273772
Y= 212289

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



GRID
NAD-27
OK NORTH
US Feet
1" = 1000'



Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, those shown in [brackets] are based on GLO (General Land Office) distances and have NOT been measured on the ground.

Operator: EARLSBORO ENERGIES CORPORATION

Lease Name: KNIGHT

Well No.: 1-27

ELEVATION:
1031' Gr. at Stake

Topography & Vegetation Location sloping timber to East; Power line ±230' North; R/W fence ±245' North

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From West off St. Highway 102

Distance & Direction
from Hwy Jct or Town From junction of St. Hwy. 102 and St. Hwy. 66, go South ±7.0
miles to the NW cor. of Sec 27-T13N-R2E.

Date of Drawing: Oct. 4, 2016

Invoice # 266069 Date Staked: Oct. 3, 2016 TR

This information was gathered with a GPS receiver with ±1 foot horiz./vert. accuracy.
 DATUM: NAD-27
 LAT: 35°34'42.9" N
 LONG: 97°05'07.7" W
 LAT: 35.578596342°N
 LONG: 97.085470378°W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 2271963
 Y: 211896

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

