

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

API NUMBER: 081 24305 A

Approval Date: 07/16/2018

Expiration Date: 01/16/2019

Straight Hole Oil & Gas

Amend reason: LOCATION CHANGE

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 13N Rge: 2E

County: LINCOLN

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 2310 355

Lease Name: OSTERHAUS

Well No: 1-29

Well will be 355 feet from nearest unit or lease boundary.

Operator Name: SUNDOWN ENERGY LP

Telephone: 2143686100

OTC/OCC Number: 21689 0

SUNDOWN ENERGY LP
16400 DALLAS PKWY STE 100
DALLAS, TX 75248-2609

CARY OSTERHAUS
2090 DELRIDGE
ROSEBURG OR 97470

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

| Name | Depth | Name | Depth |
|-----------|-------|------|-------|
| 1 SKINNER | 5070 | 6 | |
| 2 | | 7 | |
| 3 | | 8 | |
| 4 | | 9 | |
| 5 | | 10 | |

Spacing Orders: 28158

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 5200

Ground Elevation: 1035

Surface Casing: 440

Depth to base of Treatable Water-Bearing FM: 390

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE

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? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: WELLINGTON

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

PERMIT NO: 18-34884

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 24305 OSTERHAUS 1-29

| Category | Description |
|----------------------|--|
| HYDRAULIC FRACTURING | <p>7/6/2018 - 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: OCCEWEB.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> |
| SPACING - 28158 | <p>7/13/2018 - G57 - (40) S2 29-13N-2E EST SKNR</p> |

LINCOLN

County, Oklahoma

2310'FSL-355'FWL Section 29 Township 13N Range 2E I.M.

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



GRID
NAD-27
OK NORTH
US Feet

0' 500' 1000'

X= 2260802
Y= 209473

(330')
(2285')
355'

29

2310'

X= 2260839
Y= 206829

X= 2263475
Y= 206833

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: SUNDOWN ENERGY LP

Lease Name: OSTERHAUS

Well No.: 1-29

ELEVATION:

1035' Gr. at Stake

Topography & Vegetation Loc. fell in sloped pasture ±175' East of pine 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 the junction of St. Hwy. 66 E-W and St. Hwy. 102 S, go South

±7 miles on St. Hwy. 106, then West 2 miles, then South ±0.5 mile to the W/4 Cor. of Sec. 29-T13N-R2E.

DATUM: NAD-27
LAT: 35°34'16.7"N
LONG: 97°07'18.8"W
LAT: 35.571295886°N
LONG: 97.121875626°W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 2261161
Y: 209139

Date of Drawing: June 5, 2018
Invoice # 295455 Date Staked: June 4, 2018 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



TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA
13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

LINCOLN

County, Oklahoma

2310'FSL-355'FWL Section 29 Township 13N Range 2E 1.M.



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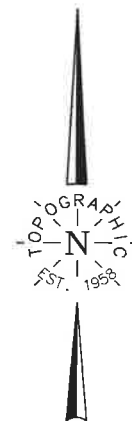
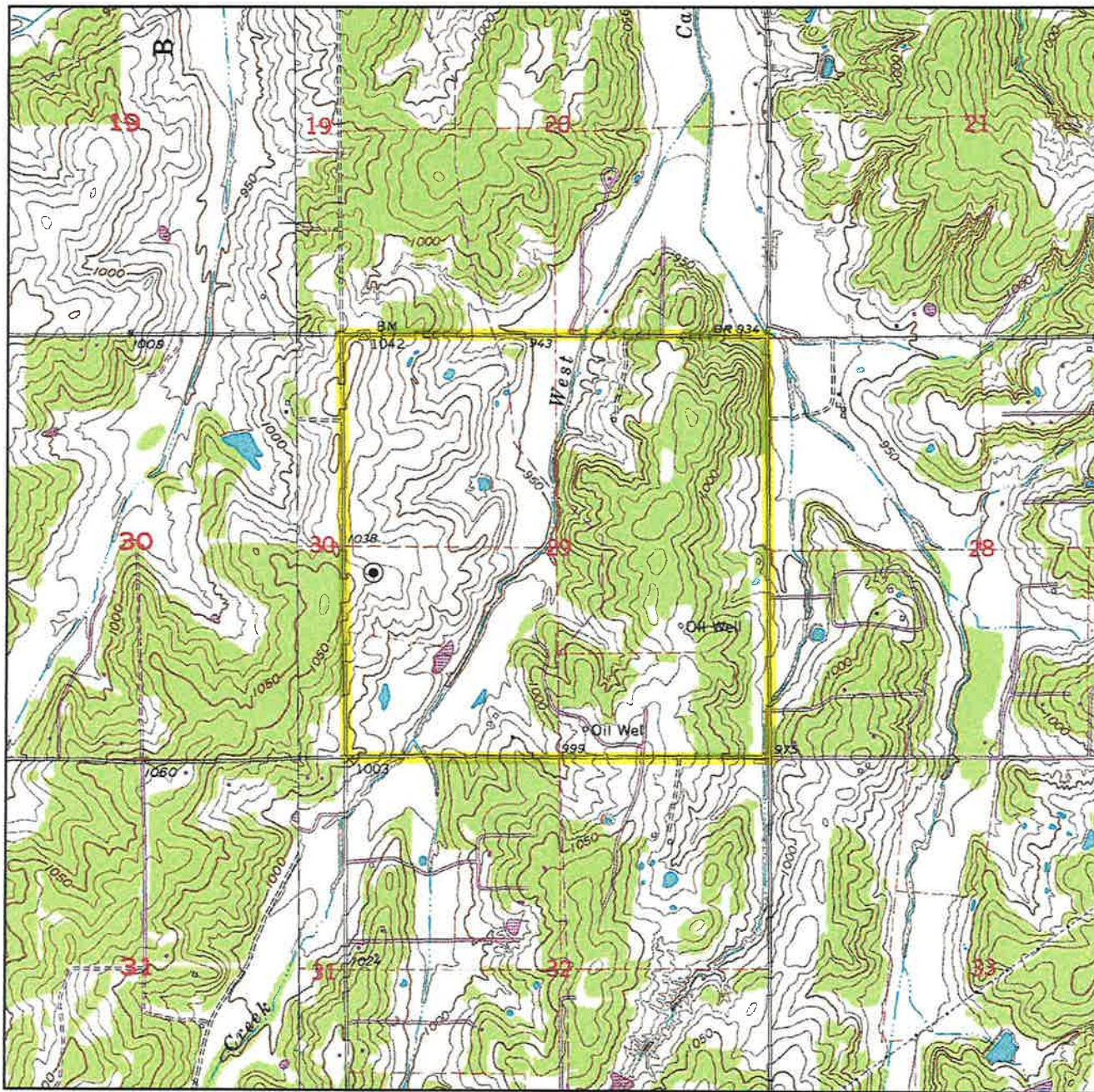
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TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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. 29 Twp. 13N Rng. 2E IM

County LINCOLN State OK

Operator SUNDOWN ENERGY LP

Description 2310'FSL-355'FWL

Lease OSTERHAUS 1-29

Elevation 1035' 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.



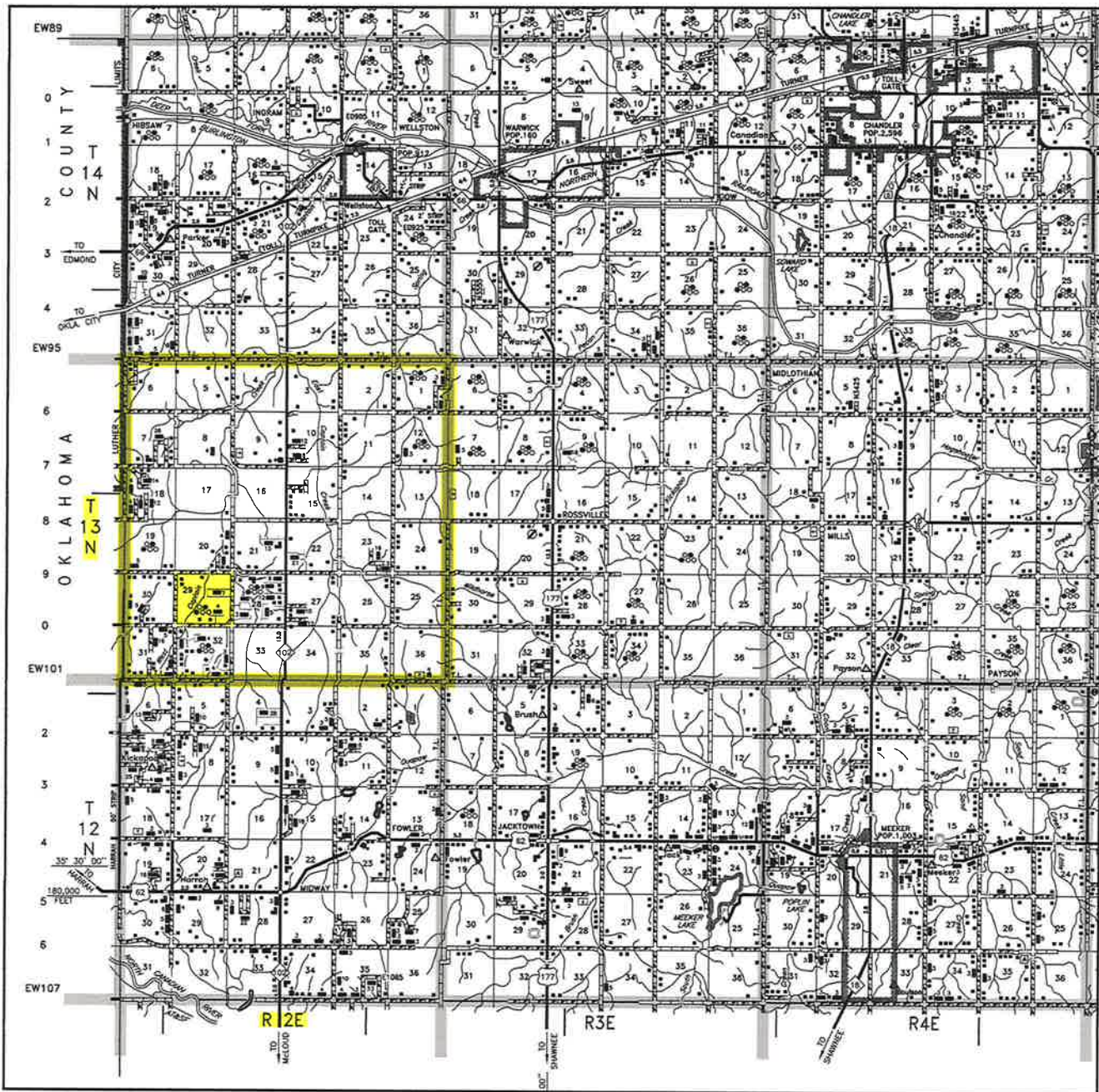
LAND SURVEYORS OF OKLAHOMA

June 4, 2018

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VICINITY MAP



Scale: 1" = 3 Miles

Sec. 29 Twp. 13N Rng. 2E IM

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