

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

API NUMBER: 051 24721

Approval Date: 09/20/2019
Expiration Date: 03/20/2021

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 3N Rge: 7W County: GRADY
SPOT LOCATION: SW NW NE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 2140 1170

Lease Name: NUNLEY Well No: 1-17 Well will be 150 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

STEVEN NUNLEY
713 W BALLPARK ROAD
MARLOW OK 73055

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

	Name	Depth	Name	Depth
1	FORTUNA	1907	6	
2	NOBLE-OLSON	3115	7	
3			8	
4			9	
5			10	

Spacing Orders: 479332

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201904052

Special Orders:

Total Depth: 3700

Ground Elevation: 1312

Surface Casing: 930

Depth to base of Treatable Water-Bearing FM: 880

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: 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: 1B

Liner required for Category: 1B

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 19-36964

H. MIN. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

Notes:

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is 18 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	<p>9/12/2019 - 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>
PENDING CD - 201904052	<p>9/20/2019 - G56 - (I.O.) NE4 SE4 17-3N-7W X479332 FRTN, NBLO COMPL INT NCT 500' FNL, NCT 150' FWL NO OP NAMED REC 8/27/2019 (PRESLAR)</p>
SPACING - 479332	<p>9/20/2019 - G56 - (40) 17-3N-7W VAC 29399 NBLO EST FRTN, NBLO</p>

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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.

051-24721

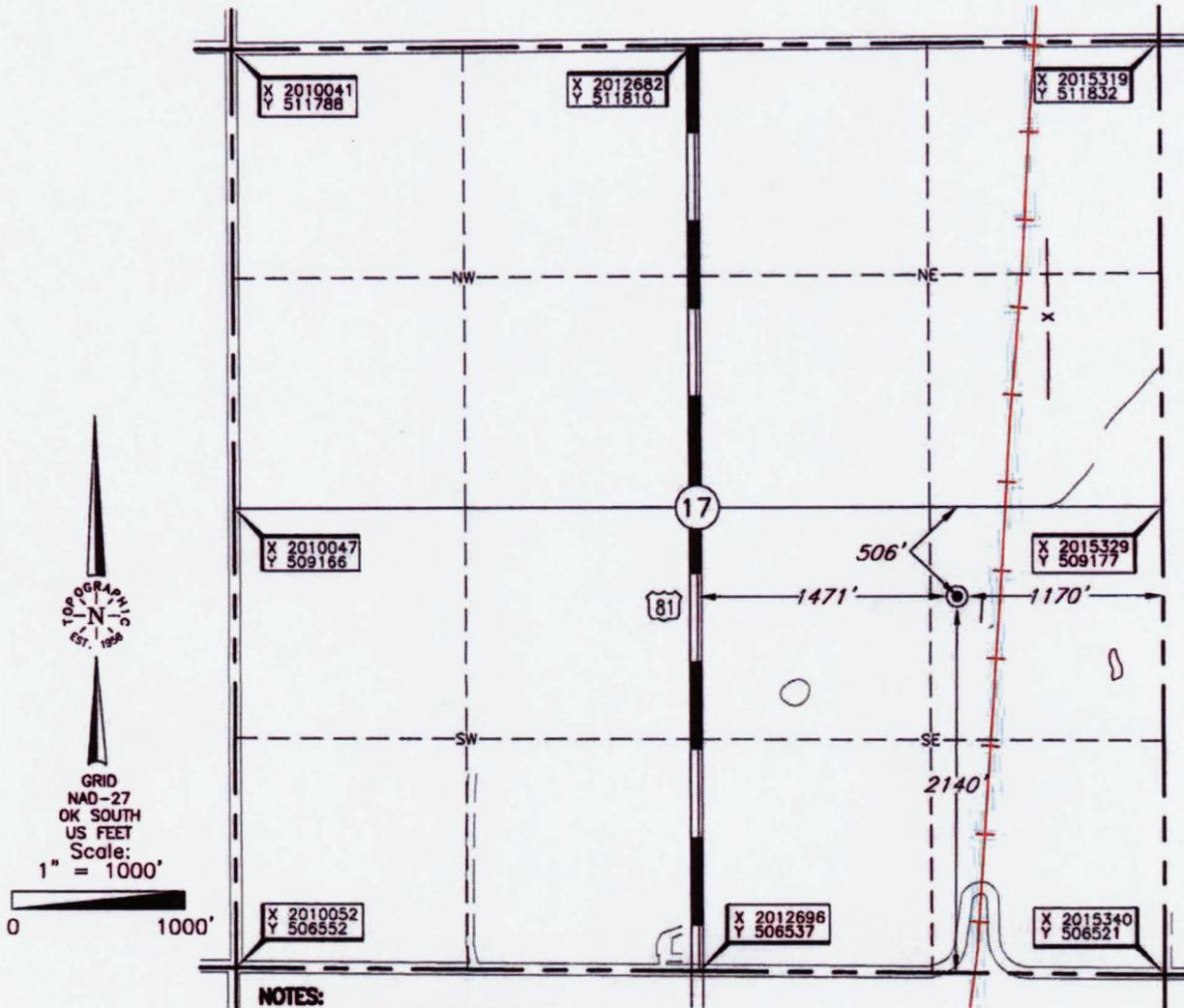
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 Wireless Way, Okla. City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

GRADY

County, Oklahoma

2140'FSL - 1170'FEL Section 17 Township 3N Range 7W I.M.



NOTES:

- THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.

Operator: SUNDOWN ENERGY, INC

Lease Name: NUNLEY

Well No.: 1-17

ELEVATION: <u>1312' Gr. at Stake</u>
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Topography & Vegetation Loc. fell in pasture; ±143' West of N-S fence

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

Best Accessibility to Location From West off US Hwy. 81

Distance & Direction from Hwy Jct or Town From Rush Springs, OK, go ±4.0 miles South on US Hwy. 81 to the South Quarter Corner of Sec. 17-T3N-R7W

Date of Drawing: Sep. 04, 2019

Project # 129407 Date Staked: Aug. 28, 2019 LC

This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.

DATUM: NAD-27
 LAT: 34°43'52.0"N
 LONG: 97°57'10.3"W
 LAT: 34.731102027° N
 LONG: 97.952867925° W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK SOUTH
 X: 2014161
 Y: 508668

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

