

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

API NUMBER: 103 24765

Approval Date: 09/17/2019

Expiration Date: 03/17/2021

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 20N Rge: 1E

County: NOBLE

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 330 1540

Lease Name: SLECSU

Well No: 133

Well will be 330 feet from nearest unit or lease boundary.

Operator Name: MID-CON ENERGY OPERATING LLC

Telephone: 9187437575; 9187437

OTC/OCC Number: 23271 0

MID-CON ENERGY OPERATING LLC
2431 E 61ST ST STE 850
TULSA, OK 74136-1236

SHERRARD R&C FAMILY REV TRUST
4201 HIDDEN LAKE CIRCLE
MOORE OK 74136

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

Name	Depth	Name	Depth
1 CLEVELAND	4300	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 45977

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4800

Ground Elevation: 1072

Surface Casing: 240

Depth to base of Treatable Water-Bearing FM: 190

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: 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? 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

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

PERMIT NO: 19-36961

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - NORTH STILLWATER CREEK)

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>9/11/2019 - 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: OCCWEB.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 - 45977	<p>9/16/2019 - GC2 - (UNIT) 18-20N-1E EST SOUTH LONE ELM CLEVELAND SAND UNIT FOR THE CLVD</p>

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

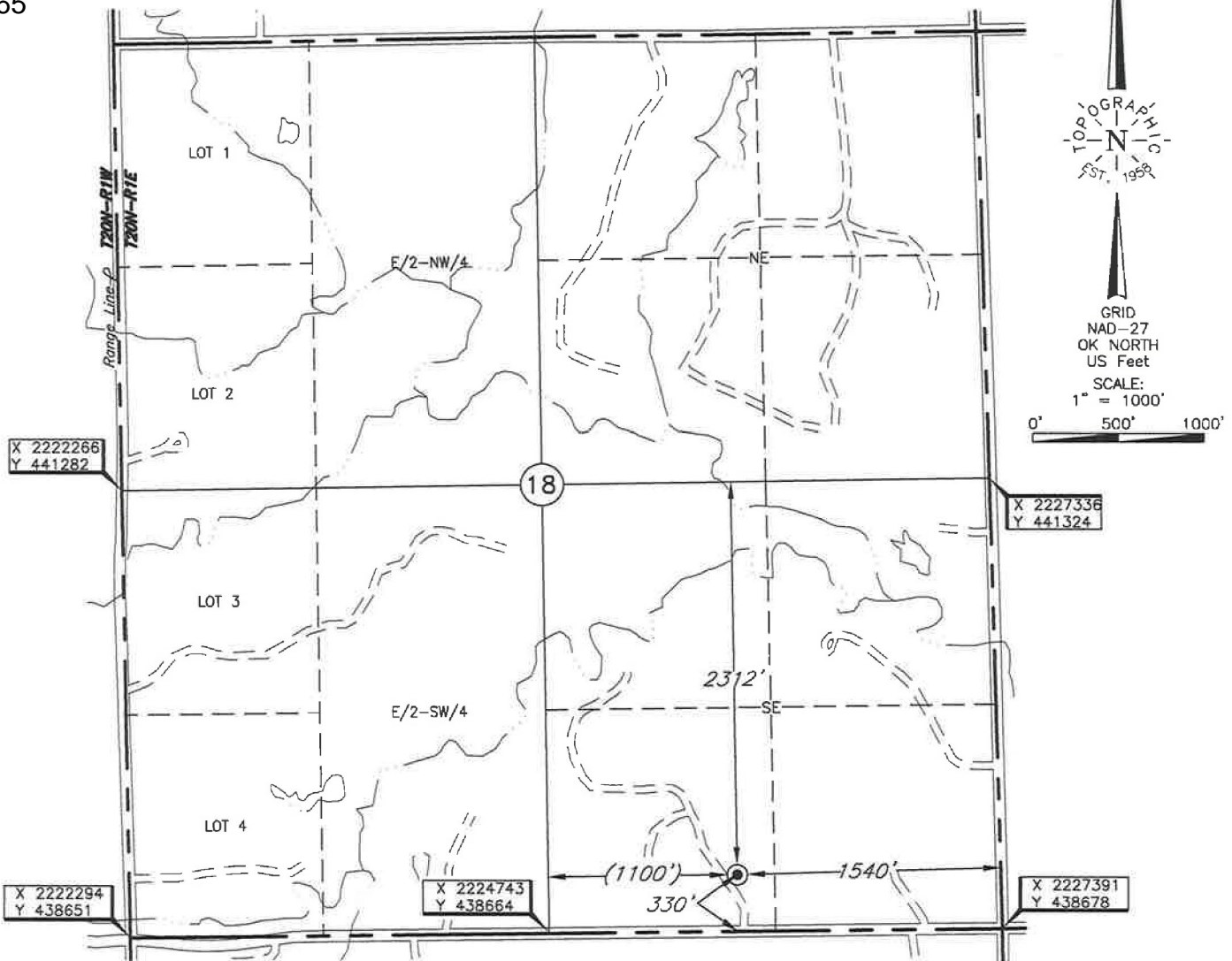
13800 Wireless Way, Okla. City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

NOBLE

County, Oklahoma

330'FSL-1540'FEL Section 18 Township 20N Range 1E I.M.

API: 103-24765



THE INFORMATION SHOWN HEREIN IS
FOR CONSTRUCTION PURPOSES ONLY

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.

Operator: MIDCON ENERGY OPERATING, LLC

Lease Name: SLECSU

Well No.: 133

ELEVATION:

1072' Gr. at Stake

Topography & Vegetation Location fell in trees coverage in small opening

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

Best Accessibility to Location From South off county road

Distance & Direction from Hwy Jct or Town From the Jct. of St. Hwy. 86 & US. Hwy. 64 in Perry, Okla, go ±6 miles South on St. Hwy. 86, then ±3 miles East to the SE Cor. of Sec. 18-T20N-R1E

DATUM: NAD-27
LAT: 36°12'12.8"N
LONG: 97°14'04.3"W
LAT: 36.203565642° N
LONG: 97.234526192° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 2225844
Y: 439000

Revision ☒ A

Date of Drawing: Aug. 29, 2019

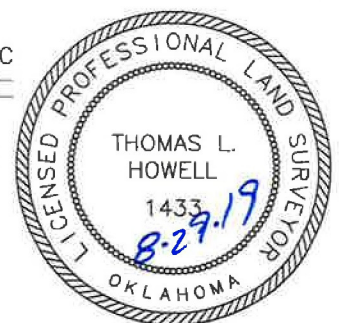
Project # 129212 Date Staked: Aug. 21, 2019

LC

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.

Oklahoma Lic. No. 1433



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