

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

API NUMBER: 049 25270

Approval Date: 03/08/2019

Expiration Date: 09/08/2020

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 4N Rge: 4W County: GARVIN
SPOT LOCATION: ☐ NE ☐ NE ☐ SW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 1511 1610

Lease Name: NEVA JUNE Well No: 2-5 Well will be 291 feet from nearest unit or lease boundary.
Operator Name: RED ROCKS OIL & GAS OPERATING LLC Telephone: 4056003065 OTC/OCC Number: 22649 0

RED ROCKS OIL & GAS OPERATING LLC
1141 N ROBINSON AVE STE 301
OKLAHOMA CITY, OK 73103-4919

TERRY AND CYNTHIA HACKER
1754 HIGH RIDGE DRIVE
BLANCHARD OK 73010

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

Name	Depth	Name	Depth
1 VIOLA	10705	6	
2 SIMPSON (ABOVE OIL CREEK)	11253	7	
3		8	
4		9	
5		10	

Spacing Orders: 34862
221317

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201900691

Special Orders:

Total Depth: 12245 Ground Elevation: 1068 Surface Casing: 2000 Depth to base of Treatable Water-Bearing FM: 250

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36249
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

DIRECTIONAL HOLE 1

Sec 05 Twp 4N Rge 4W County GARVIN

Spot Location of End Point: NE SW SE NE

Feet From: NORTH 1/4 Section Line: 2150

Feet From: EAST 1/4 Section Line: 900

Measured Total Depth: 12245

True Vertical Depth: 12230

End Point Location from Lease,

Unit, or Property Line: 900

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.

Category	Description
DEEP SURFACE CASING	3/5/2019 - 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	<p>3/5/2019 - 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 - 201900691	<p>3/7/2019 - G58 - (I.O.) E2 NE4 5-4N-4W XOTHERS X34862 SPAOC X212317 VIOL 189' FSL, 654' FWL OF E2 NE4 OF 5-4N-4W** NO OP. NAMED REC 2/22/2019 (MINMIER)</p> <p>**AMENDED AT HEARING TO BE SHL AT NCT 189' FSL, NCT 654' FWL OF W2 NE4 OF 5-4N-4W & BHL AT NCT 184' FSL, NCT 330' FWL OF E2 NE4 OF 5-4N-4W PER ATTORNEY FOR OP.</p>
SPACING - 212317	3/7/2019 - G58 - (80) 5-4N-4W SU NE/SW EXT 63504 VIOL
SPACING - 34862	3/7/2019 - G58 - (80) 5-4N-4W SU NE/SW EXT 30486/34492 SPAOC
WATERSHED STRUCTURE	3/5/2019 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 238-7233 PRIOR TO DRILLING

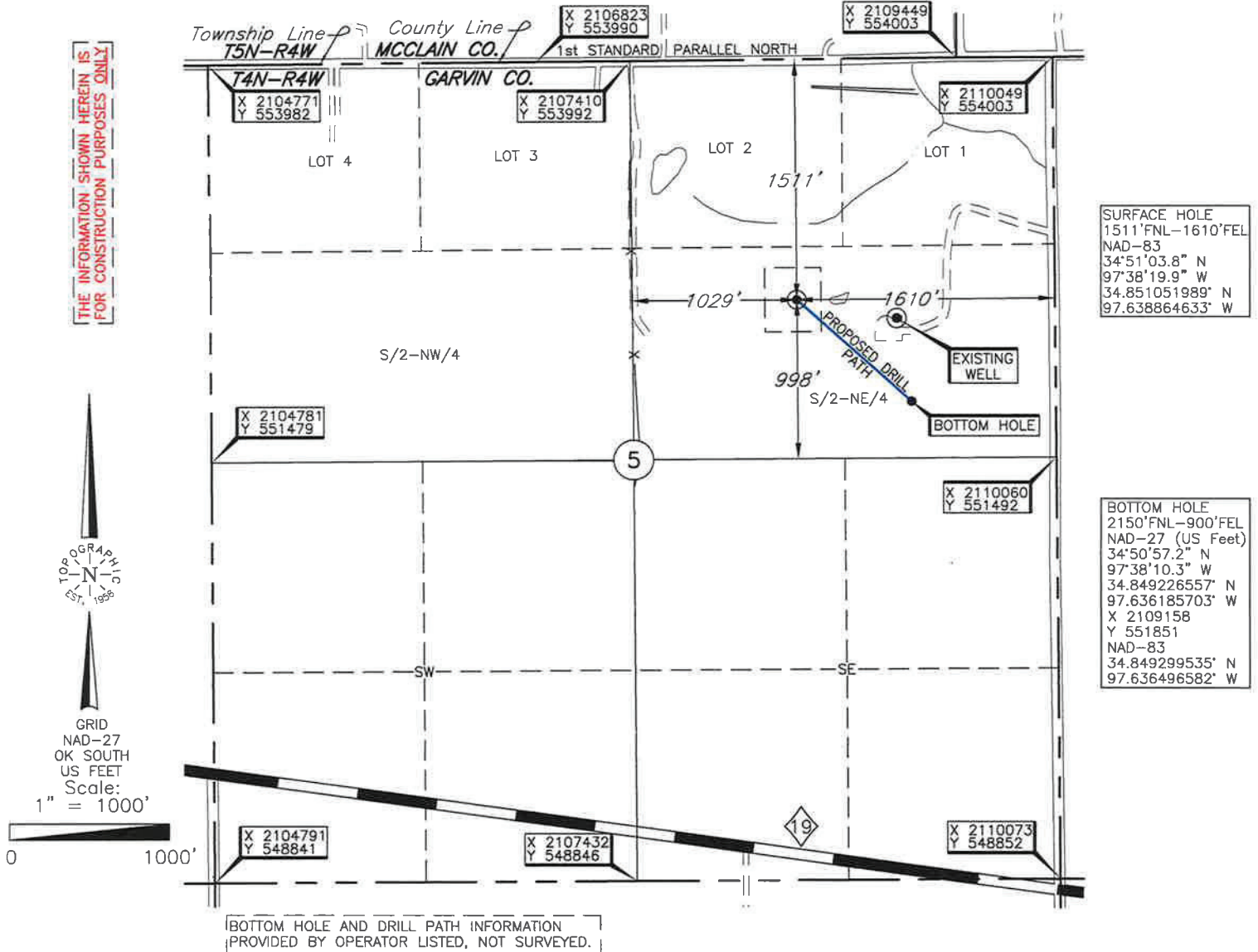
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA13800 Wireless Way, Okla. City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

049-25270

GARVIN

County, Oklahoma

1511'FNL - 1610'FEL Section 5 Township 4N Range 4W I.M.



Operator: RED ROCK OIL & GAS OPERATING, LLC

Lease Name: NEVA JUNE

Well No.: 2-5

ELEVATION:

1068' Gr. at Stake NAVD88

1068' Gr. at Stake NGVD29

Topography & Vegetation Loc. fell in terraced pasture, ±633 NW of existing well

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From East off county road

Distance & Direction

from Hwy Jct or Town From Jct. St. Hwy. 19 and St. Hwy. 76, West of Lindsay, OK, go ±1.2 mi. North on St. Hwy. 76, then ±0.8 mi. West to the NE Cor. of Sec. 5-T4N-R4W

Date of Drawing: Feb. 21, 2019

Project # 124187 Date Staked: Feb. 20, 2019

AC

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

DATUM: NAD-27
LAT: 34°51'03.5"N
LONG: 97°38'18.8"W
LAT: 34.850979081° N
LONG: 97.638553657° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2108446
Y: 552486