

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

API NUMBER: 049 25288

Approval Date: 04/17/2019

Expiration Date: 10/17/2020

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 1635

Lease Name: NEVA JUNE Well No: 3-5 Well will be 998 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 DR  
BLANCHARD OK 73010

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

	Name	Depth	Name	Depth
1	SYCAMORE	9580	6	
2	CHIMNEY HILL	10335	7	
3	VIOLA	10695	8	
4	SIMPSON (ABOVE OIL CREEK)	11285	9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201901678  
201901677

Special Orders:

Total Depth: 12275 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: No

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: nn C NE SE

Feet From: SOUTH 1/4 Section Line: 1980

Feet From: EAST 1/4 Section Line: 660

Measured Total Depth: 12275

True Vertical Depth: 12230

End Point Location from Lease,

Unit, or Property Line: 660

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
HYDRAULIC FRACTURING	<p>4/12/2019 - 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: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a>; 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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
PENDING CD - 201901677	<p>4/16/2019 - G58 - (80) E2 SE4 5-4N-4W SU NE4 SE4 NLT 330' FB EXT 331718 SCMR EXT OTHERS REC 4/8/2019 (THOMAS)</p>
PENDING CD - 201901678	<p>4/16/2019 - G58 - E2 SE4 5-4N-4W X37171 CMNL X201901677 SCMR 1 WELL NO OP. NAMED REC 4/8/2019 (THOMAS)</p>
POINT OF ENTRY	<p>4/16/2019 - G58 - POINT OF ENTRY INTO TARGET FORMATIONS WILL BE AT 1980' FSL, 660' FEL (BOTTOMHOLE LOCATION) PER OP.</p>
SPACING - 212317	<p>4/16/2019 - G58 - (80) 5-4N-4W SU NE/SW EXT. 63504 VIOL</p>
SPACING - 34862	<p>4/16/2019 - G58 - (80) 5-4N-4W SU NE/SW EXT 30486 SPAOC</p>
SPACING - 37171	<p>4/16/2019 - G58 - (80) 5-4N-4W SU NE/SW EST. CMNL</p>
WATERSHED STRUCTURE	<p>4/12/2019 - 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</p>

## TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

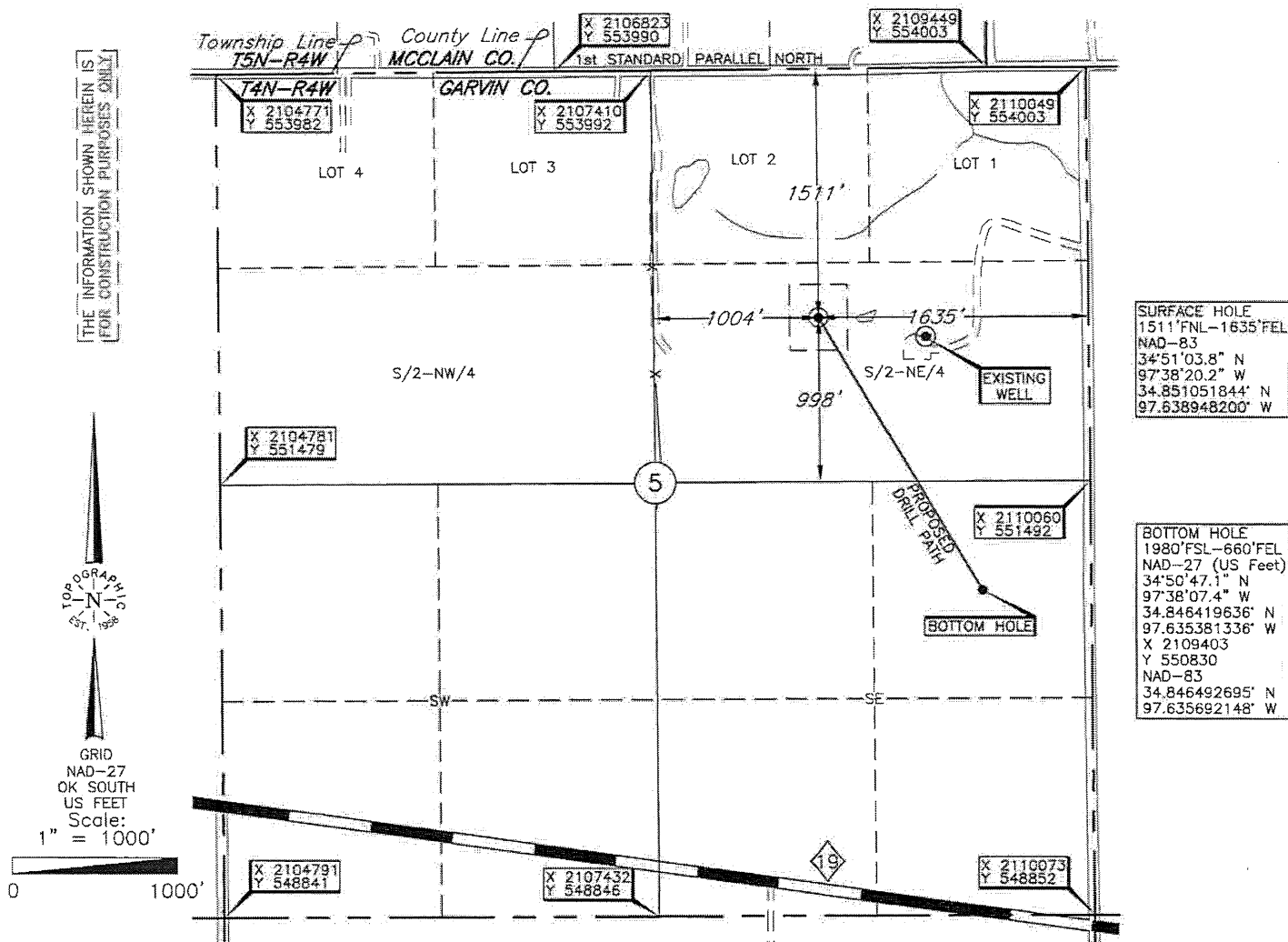
13800 Wireless Way, Okla. City, OK. 73134 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219

Certificate of Authorization No. 1293 LS

GARVIN

County, Oklahoma

1511'FNL - 1635'FEL Section 5 Township 4N Range 4W I.M.

THE INFORMATION SHOWN HEREIN IS  
FOR CONSTRUCTION PURPOSES ONLY

## ELEVATION:

1068' Gr. at Stake NAVD88

1068' Gr. at Stake NGVD29

Operator: RED ROCK OIL &amp; GAS OPERATING, LLC

Lease Name: NEVA JUNE

Well No.: 3-5

Topography &amp; Vegetation Loc. fell in terraced pasture, ±658 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 &amp; 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

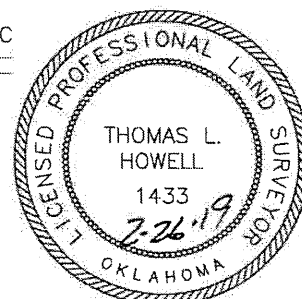
DATUM: NAD-27  
LAT: 34°51'03.5" N  
LONG: 97°38'19.1" W  
LAT: 34.850978937° N  
LONG: 97.638637222° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK SOUTH  
X: 2108420  
Y: 552486

Date of Drawing: Feb. 21, 2019  
Project # 124187A 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

*Thomas L. Howell*  
Oklahoma Lic. No. 1433



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