

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

API NUMBER: 087 22099

Approval Date: 12/28/2017
Expiration Date: 06/28/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 5N Rge: 3W County: MCCLAIN
SPOT LOCATION: SE SW NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 1260 355

Lease Name: MALOPOLSKI Well No: 1-36-01H Well will be 355 feet from nearest unit or lease boundary.
Operator Name: RIMROCK RESOURCE OPERATING LLC Telephone: 9183014700 OTC/OCC Number: 23802 0

RIMROCK RESOURCE OPERATING LLC
20 E 5TH ST STE 1300
TULSA, OK 74103-4462

HARRISON INVESTMENTS CO. #1 & #2
P.O. BOX 336
LINDSAY OK 73052

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

Name	Depth	Name	Depth
1 WOODFORD	8500	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 661268
665897
666706

Location Exception Orders: 666515
663107

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 17800

Ground Elevation: 961

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 270

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: 17-33624

H. SEE MEMO

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.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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

HORIZONTAL HOLE 1

Sec 01 Twp 4N Rge 4W County GARVIN

Spot Location of End Point: SW SW SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 1050

Depth of Deviation: 8077

Radius of Turn: 750

Direction: 185

Total Length: 8545

Measured Total Depth: 17800

True Vertical Depth: 8590

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category

Description

DEEP SURFACE CASING

12/14/2017 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

12/14/2017 - G71 - OCC 165:10-3-10 REQUIRES:

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;

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,

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

LOCATION EXCEPTION - 663107

12/28/2017 - G57 - (I.O.) 1-4N-4W
X165:10-3-28(C)(2)(B) WDFD (MALOPOLSKI 1-36-01WHB)
MAY BE CLOSER THAN 600' TO MARTIN-ROSE #1 (MARTIN 1) & C.B. FRANKENBERG 1
RIMROCK RESOURCE PARTNERS, LLC.
4-25-2017

Category	Description
LOCATION EXCEPTION - 666515	12/22/2017 - G57 - (I.O.) 36-5N-4W & 1-4N-4W X661268 WDFD 36-5N-4W X665897 WDFD 1-4N-4W COMPL. INT. (36-5N-4W) NCT 1820' FNL, NCT 0' FSL, NCT 400' FEL COMPL. INT. (1-4N-4W) NCT 0' FNL, NCT 165' FSL, NCT 400' FEL RIMROCK RESOURCE OPERATING, LLC. 8-2-2017
MEMO	12/14/2017 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT
SPACING - 661268	12/22/2017 - G57 - (640)(HOR) 36-5N-4W EST WDFD, OTHERS POE TO BHL NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST SP. ORDER #398977, #626172, #617083, #624334)
SPACING - 665897	12/22/2017 - G57 - (640)(HOR) 1-4N-4W EST WDFD, OTHERS POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST SP. ORDER #340581, #386497, #437035, #457547, #585119)
SPACING - 666706	12/22/2017 - G57 - (I.O.) 36-5N-4W & 1-4N-4W EST MULTIUNIT HORIZONTAL WELL X661268 WDFD 36-5N-4W X665897 WDFD 1-4N-4W 40% 36-5N-4W 60% 1-4N-4W RIMROCK RESOURCE OPERATING, LLC. 8-7-2017
SURFACE CASING	12/14/2017 - G71 - MIN. 400' PER ORDER # 20066
WATERSHED STRUCTURE	12/14/2017 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 527-3452 PRIOR TO DRILLING

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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.

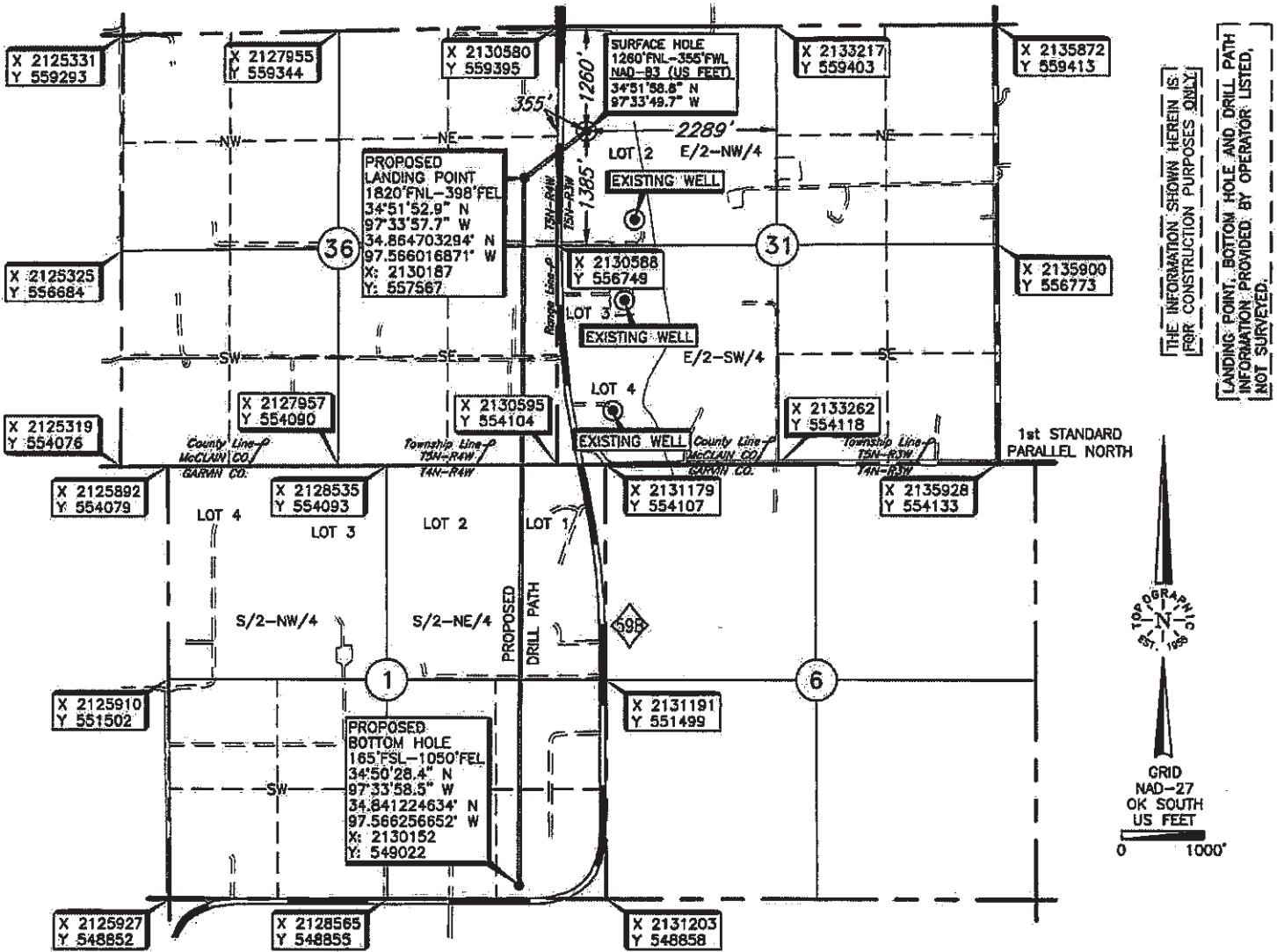
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219 API: 087 22099
 Certificate of Authorization No. 1293 LS

McCLAIN

County, Oklahoma

1260'FNL-355'FWL Section 31 Township 5N Range 3W I.M.



ELEVATION:

961' Gr. at Stake (NAVD 88)

961' Gr. at Stake (NGVD 29)

Operator: RIMROCK RESOURCE OPERATING, LLC.

Lease Name: MALOPOLSKI

Well No.: 1-36-01H

Topography & Vegetation Loc. fell in pasture, ± 267' E. of R/W fence & ± 230' N. of drain ditch

Good Drill Site? Yes

Reference Stakes or Alternate Location
 Stakes Set None

Best Accessibility to Location From West off St. Hwy 59B

Distance & Direction

from Hwy Jct or Town From the junction of St. Hwy 24 & St. Hwy 74, go ± 9 miles West on St. Hwy 24, then ± 1 mile North on St. Hwy 59B to the Northwest Corner of Section 31, T5N-R3W.

Revision A Date of Drawing: Dec. 7, 2017

Invoice # 275352A Date Staked: Apr. 28, 2017 NMB

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

DATUM: NAD-27
 LAT: 34°51'58.5" N
 LONG: 97°33'48.6" W
 LAT: 34.866258426° N
 LONG: 97.563504415° W
 STATE PLANE
 COORDINATES (US FEET):
 ZONE: OK SOUTH
 X: 2130939
 Y: 558136

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 Reg. No. 1433

