

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

API NUMBER: 093 25206

Approval Date: 02/27/2019
Expiration Date: 08/27/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 20N Rge: 14W County: MAJOR
SPOT LOCATION: NE NW NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 300 1700

Lease Name: MR PITT Well No: 1-25H Well will be 300 feet from nearest unit or lease boundary.
Operator Name: RIVIERA OPERATING LLC Telephone: 2818404234; 4052412 OTC/OCC Number: 22182 0

RIVIERA OPERATING LLC
600 TRAVIS ST STE 1700
HOUSTON, TX 77002-3005

STEPHEN W. SMITH
2726 HERITAGE TRAIL
ENID OK 73703

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

Name	Depth	Name	Depth
1 MISSISSIPPI SOLID	8700	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 87492

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201900099
201900097

Special Orders:

Total Depth: 14302

Ground Elevation: 1674

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 280

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: 8000 Average: 5000

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36189
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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 25 Twp 20N Rge 14W County MAJOR

Spot Location of End Point: N2 NW NE NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 1650

Depth of Deviation: 8345

Radius of Turn: 579

Direction: 359

Total Length: 5048

Measured Total Depth: 14302

True Vertical Depth: 8916

End Point Location from Lease,
Unit, or Property Line: 0

Additional Surface Owner	Address	City, State, Zip
COM. OF THE LAND OFFICE C/O DA	204 N. ROBINSON, SUITE 900	OKLAHOMA CITY, OK 73102

Notes:

Category

Description

DEEP SURFACE CASING

1/25/2019 - 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

1/25/2019 - 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

INTERMEDIATE CASING

1/25/2019 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES

MEMO

1/25/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

This permit does not address the right of entry or settlement of surface damages.

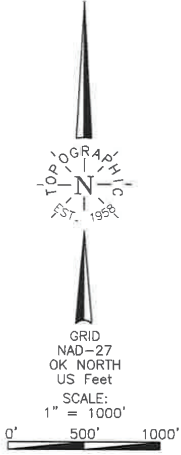
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

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.

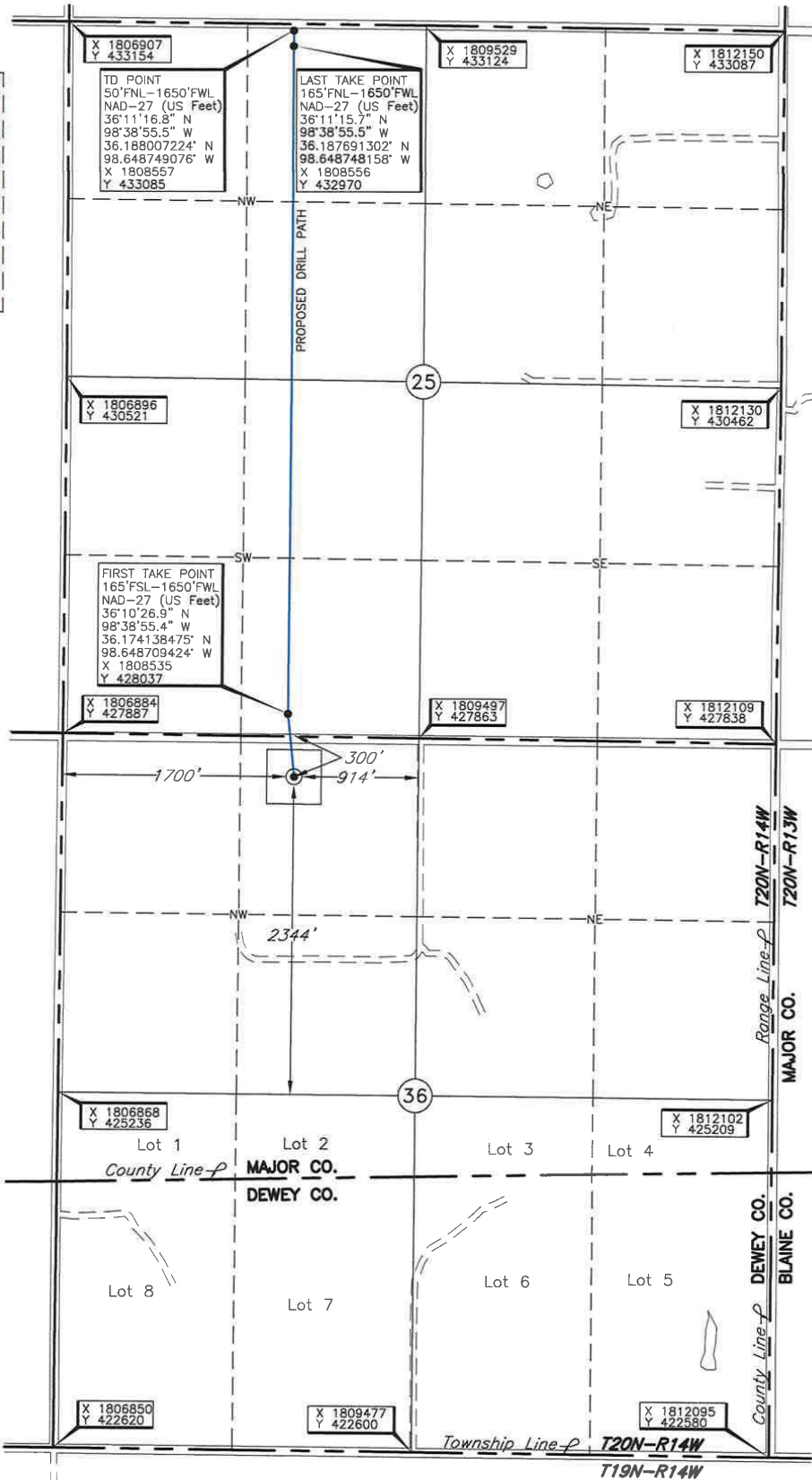
Category	Description
PENDING CD - 201900097	2/26/2019 - G58 - (I.O.) 25-20N-14W X87492 MSSSD 1 WELL NO OP. NAMED REC 1/29/2019 (MINIER)
PENDING CD - 201900099	2/26/2019 - G58 - (I.O.) 25-20N-14W X87492 MSSSD X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO THE RITTER 2-25 WELL COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FWL NO OP. NAMED REC 1/29/2019 (MINMIER)

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.

300' FNL-1700' FWL Section 36 Township 20N Range 14W I.M.



THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY



Operator: RIVERA OPERATING, LLC
 Lease Name: MR PITT
 Topography & Vegetation: Loc. fell between hills in sandy wheat field
 Good Drill Site? Yes
 Reference Stakes or Alternate Location: Sticks Set
 Best Accessibility to Location: From North off county road
 Distance & Direction: From Cedar Springs, Okla. go ±3 miles West on US Hwy. 60, then ±3 miles South to the NE Cor. of Sec. 36-T20N-R14W
 Well No.: 1-25H
 ELEVATION: 1674' Gr. dt. Stake

FIRST TAKE POINT, LAST TAKE POINT, TD POINT AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

This information was gathered with a GPS receiver (accuracy ±1 ft. 1:1)
 DATUM: NAD-27
 LAT: 36°10'22.3"N
 LONG: 98°38'54.7"W
 LAT: 36.172860786° N
 LONG: 98.648538514° W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1808582
 Y: 427571

Date of Drawing: Jan. 16, 2019
 Invoice # 311022 Date Staked: Jan. 15, 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.

Thomas L. Howell
 Oklahoma Lic. No. 1433

