

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

Approval Date: 05/14/2019
Expiration Date: 11/14/2020

API NUMBER: 073 26568

Horizontal Hole Oil & Gas
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 16N Rge: 9W

County: KINGFISHER

SPOT LOCATION: ☐ NE ☐ SE ☐ NW ☐ SW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 818 1179

Lease Name: BIEHLER

Well No: 1709 2H-29X

Well will be 818 feet from nearest unit or lease boundary.

Operator Name: NEWFIELD EXPLORATION MID-CON INC

Telephone: 2812105100; 9188781

OTC/OCC Number: 20944 0

NEWFIELD EXPLORATION MID-CON INC
4 WATERWAY AVE STE 100
THE WOODLANDS, TX 77380-2764

JAMES E. STOCK
PO BOX 675
KINGFISHER OK 73750

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN (LESS CHESTER)	8957	6	
2 WOODFORD	9540	7	
3		8	
4		9	
5		10	

Spacing Orders: 639140
640131
644146
692688

Location Exception Orders: 692689
692688

Increased Density Orders: 690800
690801

Pending CD Numbers:

Special Orders:

Total Depth: 19670

Ground Elevation: 1212

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 490

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSE

Pit Location Formation: CHICKASHA

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 19-36602

H. SEE MEMO

E. Haul to Commercial pit facility: Sec. 31 Twp. 12N Rng. 8W Cnty. 17 Order No: 587498

Cancel per operator request
7/12/2019

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

HORIZONTAL HOLE 1

Sec 29 Twp 17N Rge 9W County KINGFISHER

Spot Location of End Point: NE NE NW NW

Feet From: NORTH 1/4 Section Line: 85

Feet From: WEST 1/4 Section Line: 1183

Depth of Deviation: 8531

Radius of Turn: 585

Direction: 350

Total Length: 10310

Measured Total Depth: 19760

True Vertical Depth: 9540

End Point Location from Lease,

Unit, or Property Line: 85

Notes:

Category

Description

DEEP SURFACE CASING

5/10/2019 - 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

5/10/2019 - 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: OCCWEB.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

INCREASED DENSITY - 690800

5/13/2019 - G58 - 29-17N-9W
X639140/640131 MSNLC
6 WELLS
NEWFIELD EXPLORATION MID-CONTINENT INC.
2/1/2019

INCREASED DENSITY - 690801

5/13/2019 - G58 - 32-17N-9W
X639140/640131 MSNLC
6 WELLS
NEWFIELD EXPLORATION MID-CONTINENT INC.
2/1/2019

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

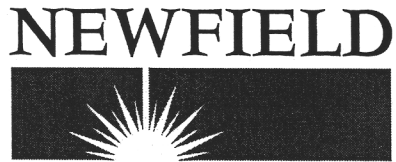
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

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.

073 26568 BIEHLER 1709 2H-29X

Category	Description
INTERMEDIATE CASING	5/10/2019 - 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
LOCATION EXCEPTION - 692689	5/13/2019 - G58 - (I.O.) 29 & 32-17N-9W X639140/640131/644146 MSNLC, WDFD COMPL. INT. 29-17N-9W NCT 0' FSL, NCT 165' FNL, NCT 660' FWL COMPL. INT. 32-17N-9W NCT 0' FNL, NCT 165' FSL, NCT 660' FWL NEWFIELD EXPLORATION MID-CONTINENT INC. 3/11/2019
LOCATION EXCEPTION - 692700	5/13/2019 - G58 - (I.O.) 29 & 32-17N-9W X165:10-3-28(C)(2)(B) MSNLC, WDFD (BIEHLER 1709 2H-29X) MAY BE CLOSER THAN 600' TO EXISTING/PROPOSED WELL 3/11/2019
MEMO	5/10/2019 - G71 - PIT 1 & 2 - CLOSED SYSTEM = STEEL PITS (REQUIRED - OTTER CREEK), WBM/CUTTINGS & OBM CUTTINGS CAPTURED IN STEEL HALF PITS, WBM CUTTINGS WILL BE SOIL FARMED, WBM & OBM CUTTINGS TRANSFERRED TO R360 587498 (31-12N-8W), CANADIAN CO, PIT 2 - OBM TO VENDOR
SPACING - 639140	5/13/2019 - G58 - (640)(HOR) 29 & 32-17N-9W EXT ** MSNLC, WDFD POE TO BHL (MSNLC) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL OR FSL, NCT 330' FEL OR FWL (COEXIST SP. ORDER 85148 MSSSD; SP. ORDER 88292/88519 MSSSD)** **ORDER NOT LISTED; CORRECTED BY NPT 640131 TO EST FORMATIONS **COEXIST WITH 85148 MNNG IN SEC 29 AND 88292/88519 IN SEC 32 WITH THE MNNG; CORRECTED BY NPT 644146
SPACING - 640131	5/13/2019 - G58 - NPT 639140 TO CLARIFY FORMATIONS ARE BEING ESTABLISHED NOT EXTENDED
SPACING - 644146	5/13/2019 - G58 - NPT 639140/640131 TO COEXIST SP. ORDER 85148 MSSSD, MNNG; COEXIST SP. ORDER 88292 MSSSD, MNNG
SPACING - 692688	5/13/2019 - G58 - (I.O.) 29 & 32-17N-9W EST MULTIUNIT HORIZONTAL WELL X639140/640131/644146 MSNLC, WDFD (WDFD IS ADJACENT CSS TO MSNLC) 50% 29-17N-9W 50% 32-17N-9W NEWFIELD EXPLORATION MID-CONTINENT INC. 3/11/2019

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



Newfield Exploration Mid-Continent, Inc.
4 Waterway Square Place. Ste 100
The Woodlands, TX 77380
281-674-2004

July 12, 2019

Oklahoma Corporation Commission
Oil & Gas Conservation Division
P.O. Box 52000-2000
Oklahoma City, Oklahoma 73152-2000

ATTN: Permitting

RE: Newfield Exploration Mid Continent, Inc.
Request Permit Withdraw
Biehler 1709 2H-29X – 7H-29X
Sec 05 16N 9W Kingfisher County

Dear Madam/Sirs:

This is our formal request to withdraw the Intent to Drill permits for the;

Biehler 1709 2H-29X – API 35-073-26568
Biehler 1709 3H-29X – API 35-073-26569
Biehler 1709 4H-29X – API 35-073-26570
Biehler 1709 5H-29X – API 35-073-26571
Biehler 1709 6H-29X – API 35-073-26572
Biehler 1709 7H-29X – API 35-073-26573

Newfield/Encana will not be drilling these wells at these locations and will be submitting new permit applications for a different location.

Sincerely,

Newfield Exploration Mid-Continent, Inc.

Sara Van De Vreugde

Sara Van De Vreugde
Regulatory Analyst

KINGFISHER

County, Oklahoma

073-26568

818'FNL-1179'FWL

Section 5

Township 16N

Range 9W

I.M.

PERMIT PLAT



GRID
OK NORTH
US Feet
SCALE:
1" = 1000'

NOTES:

- The information shown herein is for construction purposes ONLY.
- Section 5 does not lie within a flood zone.
- All bearings shown are Grid, NAD-27, Oklahoma North.
- Landing Point, Last Take Point, Bottom Hole, and Drill Path information provided by client listed, not surveyed.

SURFACE LOCATION

DATUM: NAD-27

LAT: 35°53'46.8"N

LONG: 98°11'07.7"W

LAT: 35.896321°N

LONG: 98.185472°W

STATE PLANE

COORDINATES: (US Feet)

ZONE: OK NORTH

X: 1945065

Y: 326321

DATUM: NAD-83

LAT: 35°53'46.9"N

LONG: 98°11'08.9"W

LAT: 35.896364°N

LONG: 98.185812°W

STATE PLANE

COORDINATES: (US Feet)

ZONE: OK NORTH

X: 1913465

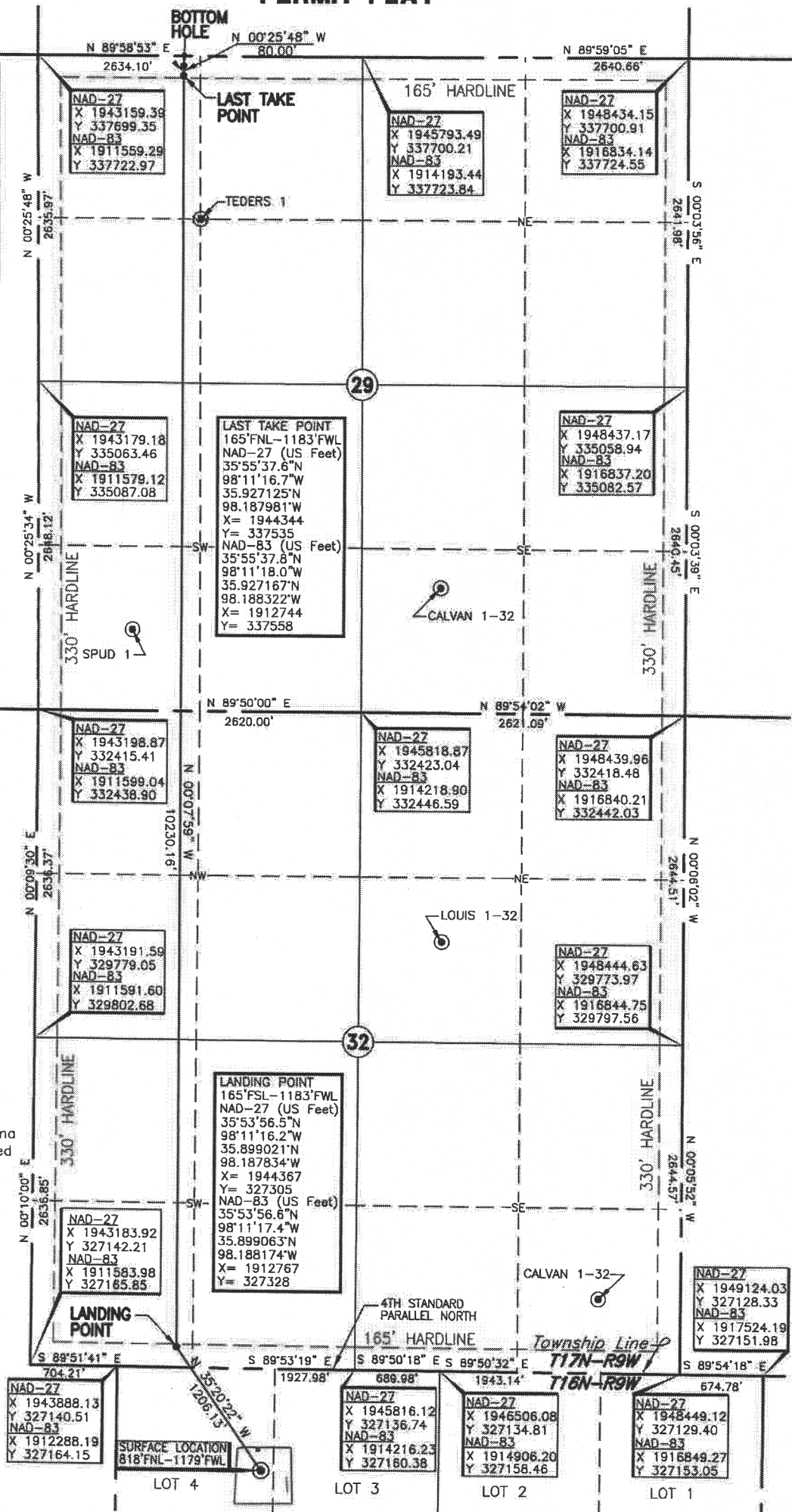
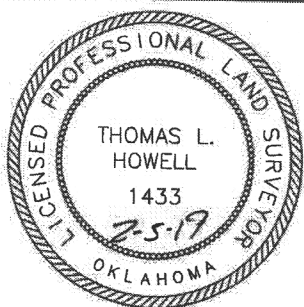
Y: 326344

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

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



Date of Drawing: Jan. 30, 2019

Operator: NEWFIELD EXPLORATION

Project # 123285 Date Staked: Jan. 16, 2019

LC

Lease Name: BIEHLER 1709

Well No.: 2H-29X

Topography & Vegetation Loc. fell on level pad 40' North of existing wells

ELEVATION:

1212' Gr. at Level Pad (NGVD29)

Good Drill Site? Yes

Reference Stakes or Alternate Location

Stakes Set None

Best Accessibility to Location From North off county road

Distance & Direction

from Hwy Jct or Town From Blaine-Kingfisher county line and St. Hwy. 33, go ±1 mile East, then ± 4 miles North to the NW Cor. of Sec. 5-T16N-R9W