

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

Approval Date: 05/07/2019
Expiration Date: 11/07/2020

API NUMBER: 073 26562

Horizontal Hole Oil & Gas
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 16N Rge: 9W

County: KINGFISHER

SPOT LOCATION: ☐ NW ☐ NE ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 214 2110

Lease Name: CHANNEL

Well No: 1709 2H-30X

Well will be 214 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 SQUARE PL STE 100
THE WOODLANDS, TX 77380-2764

CHRISTOPHER & CHERYL BOECKMAN
68117 NORTH 2600 ROAD
HITCHCOCK OK 73744

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN (LESS CHESTER)	9047	6	
2	WOODFORD	9640	7	
3			8	
4			9	
5			10	

Spacing Orders: 659118
647819
694248

Location Exception Orders: 694250
694252

Increased Density Orders: 691369
691370

Pending CD Numbers:

Special Orders:

Total Depth: 19323

Ground Elevation: 1212

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 390

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 Pit

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 HSA

Pit Location Formation: CHICKASHA

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36532
E. Haul to Commercial pit facility: See 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498
H. SEE MEMO

Cancel per operator request
7/12/2019
CKL

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 30 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: 8508

Radius of Turn: 382

Direction: 352

Total Length: 10215

Measured Total Depth: 19323

True Vertical Depth: 9659

End Point Location from Lease,
Unit, or Property Line: 85

Notes:

Category

Description

DEEP SURFACE CASING

5/3/2019 - 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

EXCEPTION TO RULE - 694252

5/6/2019 - G56 - (I.O.) 30 & 31-17N-9W
X165:10-3-28(C)(2)(B) MSNLC MAY BE CLOSER THAN 600' TO CHANNEL 1H-30X, FRED A 2-30, EILEEN 1-30, WHITNEY 1-30, ERMA 1-31, RENNER 31-1, CHANNEL 1-31, RENNER 2-31 AND/OR PROPOSED WELLS
NEWFIELD EXPLOR. MID-CONTINENT INC.
4/8/2019

HYDRAULIC FRACTURING

5/3/2019 - 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 - 691369

5/6/2019 - G56 - 30-17N-9W
X659118 MSNLC
6 WELLS
NEWFIELD EXPLOR. MID-CONTINENT INC.
2/13/2019

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

073 26562 CHANNEL 1709 2H-30X

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
INCREASED DENSITY - 691370	5/6/2019 - G56 - 31-17N-9W X647819 MSNLC 6 WELLS NEWFIELD EXPLOR. MID-CONTINENT INC. 2/13/2019
INTERMEDIATE CASING	5/3/2019 - 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 - 694250	5/6/2019 - G56 - (I.O.) 30 & 31-17N-9W X659118 MSNLC, WDFD 30-17N-9W X647819 MSNLC, WDFD 31-17N-9W COMPL INT (30-17N-9W) NCT 0' FSL, NCT 165' FNL, NCT 660' FWL COMPL INT (31-17N-9W) NCT 0' FNL, NCT 165' FSL, NCT 660' FWL NEWFIELD EXPLOR. MID-CONTINENT INC. 4/8/2019
MEMO	5/3/2019 - 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 - 647819	5/6/2019 - G56 - (640)(HOR) 31-17N-9W EST OTHER EXT 639140/640131/644146 MSNLC EXT 639140/640131 WDFD COMPL INT (MSNLC) NLT 660' FB COMPL INT (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL (COEXIST WITH SP # 96050 MNNG, MSSSD)
SPACING - 659118	5/6/2019 - G56 - (640)(HOR) 30-17N-9W EST OTHER EXT 643256/645603/645331 MSNLC, WDFD COMPL INT (MSNLC) NCT 660' FB COMPL INT (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST WITH SP # 89104 MNNG, MSSSD, # 518552 WDFD)
SPACING - 694248	5/6/2019 - G56 - (I.O.) 30 & 31-17N-9W ESTABLISH MULTIUNIT HORIZONTAL WELL X659118 MSNLC, WDFD 30-17N-9W X647819 MSNLC, WDFD 31-17N-9W (WDFD IS AN ADJACENT COMMON SOURCE OF SUPPLY TO MSNLC) 50% 30-17N-9W 50% 31-17N-9W NEWFIELD EXPLOR. MID-CONTINENT INC. 4/8/2019

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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



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
Channel 1709 2H-30X – 7H-30X
Sec 06 16N 9W Kingfisher County

Dear Madam/Sirs:

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

Channel 1709 2H-30X – API 35-073-26562
Channel 1709 3H-30X – API 35- 073-26563
Channel 1709 4H-30X – API 35-073-26564
Channel 1709 5H-30X – API 35-073-26567
Channel 1709 6H-30X – API 35-073-26565
Channel 1709 7H-30X – API 35-073-26566

Newfield/Encana will not be drilling these wells at these locations.

Sincerely,

Newfield Exploration Mid-Continent, Inc.

Sara Van De Vreugde

Sara Van De Vreugde
Regulatory Analyst

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

KINGFISHER

County, Oklahoma

214'FNL - 2110'FWL Section 6 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 6 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°53'52.7" N
LONG: 98°11'57.8" W
LAT: 35.897975° N
LONG: 98.199396° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1940942
Y: 326931

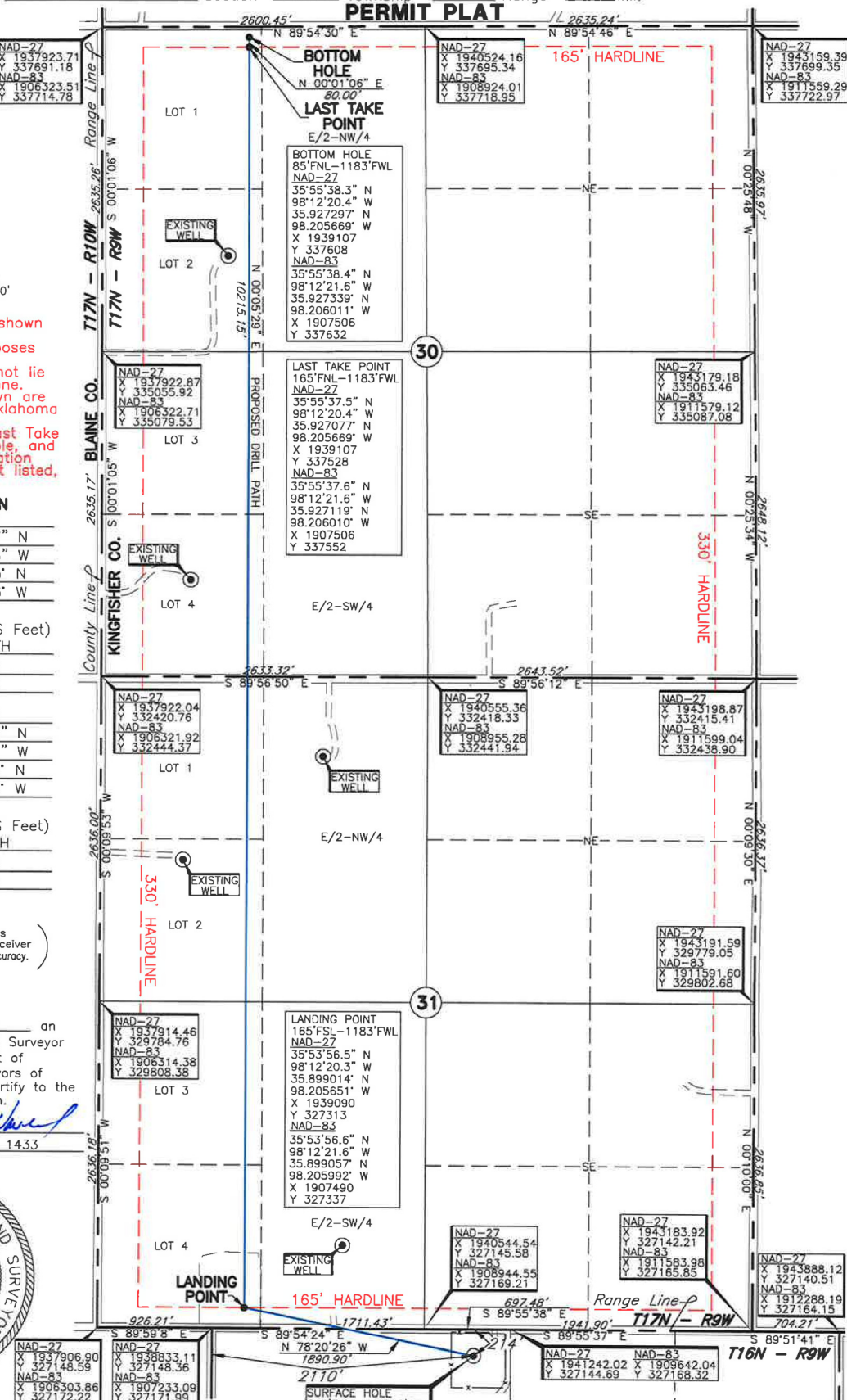
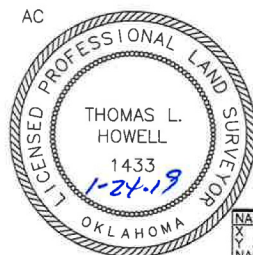
DATUM: NAD-83
LAT: 35°53'52.9" N
LONG: 98°11'59.1" W
LAT: 35.898018° N
LONG: 98.199736° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1909342
Y: 326954

(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



Operator: NEWFIELD EXPLORATION

Invoice # 311531 Date Staked: Jan. 16, 2019

Lease Name: CHANNEL 1709

Well No.: 2H-30X

Topography & Vegetation Loc. fell on existing 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 on St. Hwy. 33, go ±1.0 mi. East,
then ±4.0 mi. North, then ±1.0 mi. West to the NW Cor. of Sec. 6-T16N-R9W.