

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

API NUMBER: 073 26640

Approval Date: 11/18/2019
Expiration Date: 05/18/2021

Horizontal Hole Oil & Gas
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 15N Rge: 8W County: KINGFISHER
SPOT LOCATION: SW SW SE SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 200 1600

Lease Name: JAMES FED 1508 Well No: 5H-2X Well will be 200 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

MARY A. & DOMINIC R. ANNUSCHAT
14513 US HWY 160
WINFIELD KS 67156

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	8632	6	
2 WOODFORD	9175	7	
3		8	
4		9	
5		10	

Spacing Orders: 636302
637023
676196

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201809193
201809194
201809209
201809203
201809264
201905330

Special Orders:

Total Depth: 19075 Ground Elevation: 1124

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 320

Deep surface casing has been approved

Under Federal Jurisdiction: Yes

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36252
E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498
H. SEE MEMO

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is 18 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 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 HSA

Pit Location Formation: CHICKASHA

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 02 Twp 15N Rge 8W County KINGFISHER

Spot Location of End Point: NW NW NE NW

Feet From: NORTH 1/4 Section Line: 85

Feet From: WEST 1/4 Section Line: 1466

Depth of Deviation: 7703

Radius of Turn: 715

Direction: 5

Total Length: 10249

Measured Total Depth: 19075

True Vertical Depth: 9175

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

Notes:

Category

Description

DEEP SURFACE CASING

10/7/2019 - GC2 - 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

10/7/2019 - GC2 - 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

MEMO

10/7/2019 - GC2 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DEQ REGULATED FACILITY, R360 COMMERCIAL DISPOSAL #587498, 31-12N-8W, CANADIAN CO

PENDING CD - 201905330

11/18/2019 - GB6 - (E.O.) 2-15N-8W
X165:10-3-28(C)(2)(B) MSSP (JAMES FED 1508 5H-2X)
MAY BE CLOSER THAN 600' FROM ALICE BAKER 1 WELL
NEWFIELD EXPLORATION MID-CONTINENT INC.
REC 11/15/2019 (DENTON)

PENDING CD - 201809193

10/15/2019 - GB6 - (I.O.) 2-15N-8W
X637023 MSSP
6 WELLS
NO OP. NAMED
REC 10/08/2019 (NORRIS)

PENDING CD - 201809194

10/15/2019 - GB6 - (I.O.) 11-15N-8W
X636302/676196 MSSP
6 WELLS
NO OP. NAMED
REC 10/08/2019 (NORRIS)

PENDING CD - 201809203

10/15/2019 - GB6 - (I.O.) 2 & 11 -15N-8W
EST MULTIUNIT HORIZONTAL WELL
X637023 MSSP, WDFD 2-15N-8W
X636302/676196 MSSP, WDFD 11-15N-8W
(WDFD ADJACENT COMMON SOURCE OF SUPPLY TO MSSP)
50% 2-15N-8W
50% 11-15N-8W
NO OP. NAMED
REC. 10/08/2019 (NORRIS)

PENDING CD - 201809209

10/15/2019 - GB6 - (I.O.) 2 & 11 -15N-8W
X165:10-3-28(C)(2)(B) MSSP, WDFD (JAMES FED 1508 5H-2X)
MAY BE CLOSER THAN 600' TO JAMES 1H-2X AND/OR PROPOSED WELLS
REC. 10/08/2019 (NORRIS)

PENDING CD - 201809264

10/15/2019 - GB6 - (I.O.) 2 & 11 -15N-8W
X637023 MSSP, WDFD 2-15N-8W
X636302/676196 MSSP, WDFD 11-15N-8W
COMPL. INT. (11-15N-8W) NCT 165' FSL, NCT 0' FNL, NCT 1320' FWL
COMPL. INT. (2-15N-8W) NCT 0' FSL, NCT 165' FNL, NCT 1320' FWL
NO OP. NAMED
REC. 10/08/2019 (NORRIS)

SPACING - 636302

10/15/2019 - GB6 - (640)(HOR) 11-15N-8W
EST MSSP, WDFD
COMPL. INT. (MSSP) NCT 660' FB
COMPL. INT. (WDFD) NCT 165' FSL, NCT 165' FNL, NCT 330' FEL, NCT 330' FWL
(COEXIST SP. ORDER #37910 MSCST, SP. ORDER #175142 MSSSD)

SPACING - 637023

10/15/2019 - GB6 - (640)(HOR) 2-15N-8W
EXT 630449 MSSP, WDFD
COMPL. INT. (MSSP) NCT 660' FB
COMPL. INT. (WDFD) NCT 165' FSL, NCT 165' FNL, NCT 330' FEL, NCT 330' FWL
(COEXIST SP. ORDER #37910 MSCST, SP. ORDER # 94302 MSSSD)

SPACING - 676196

10/15/2019 - GB6 - (640)(HOR) 11-15N-8W
VAC 653392 MSSP WDFD
REINSTATE 636302 MSSP, WDFD
COMPL. INT. (MSSP) NCT 660' FB
COMPL. INT. (WDFD) NCT 165' FSL, NCT 165' FNL, NCT 330' FEL, NCT 330' FWL
(COEXIST SP. ORDER #37910 MSCST, SP. ORDER #175142 MSSSD)

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

The duration of this permit is 18 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.

073-26640

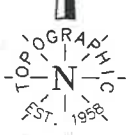
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

KINGFISHER County, Oklahoma

200'FSL-1600'FWL Section 11 Township 15N Range 8W I.M.

NAD-27
X 1996354.25
Y 295769.89
NAD-83
X 1964755.70
Y 295793.64



GRID
OK NORTH
US Feet

SCALE:
1" = 1000'



NOTES:

- The information shown herein is for construction purposes ONLY.
- 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°47'02.4"N
 LONG: 98°01'29.2"W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1992654
 Y: 285380

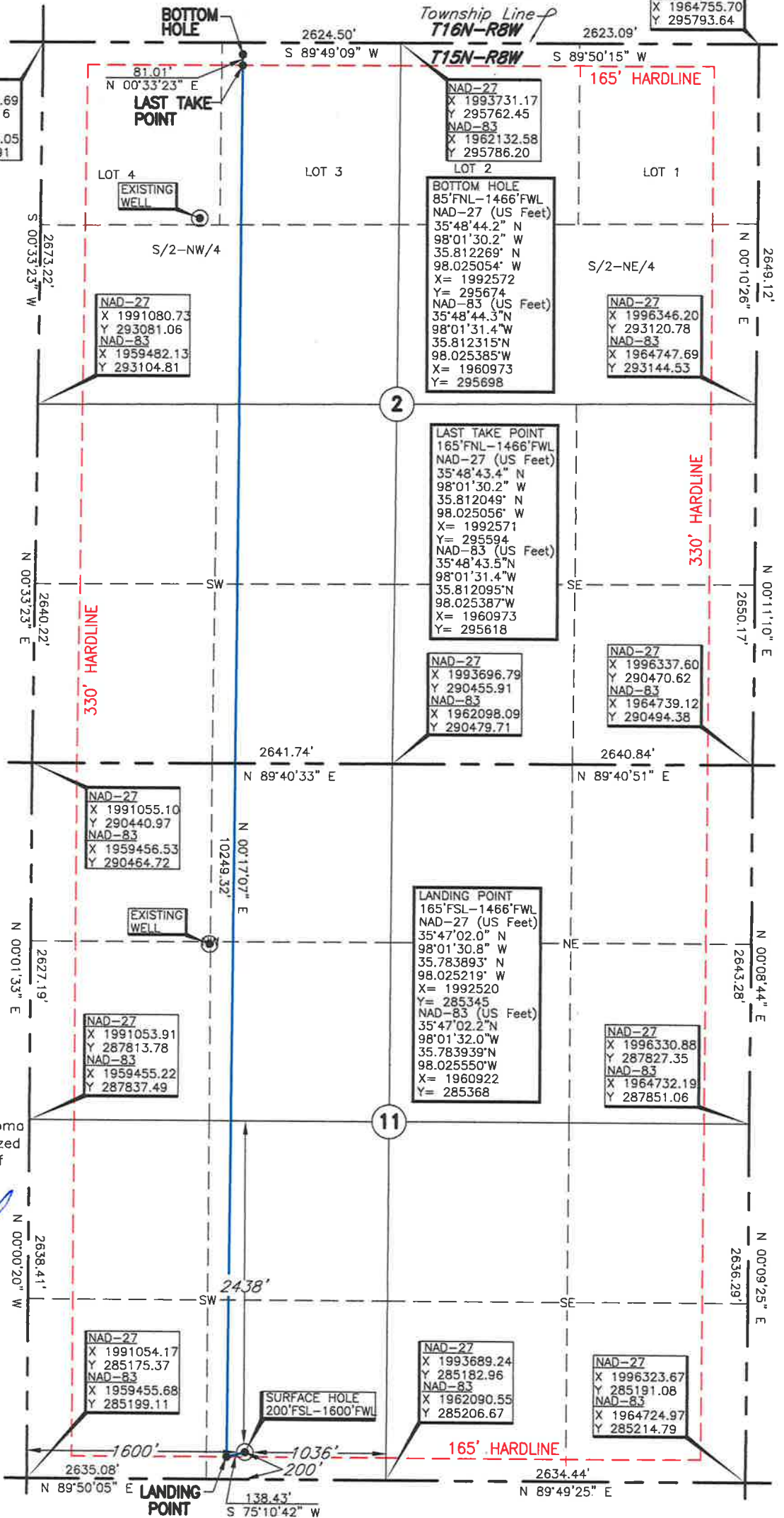
DATUM: NAD-83
 LAT: 35°47'02.5"N
 LONG: 98°01'30.4"W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1961056
 Y: 285404

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.

Thomas L. Howell
Oklahoma Lic. No. 1433



Date of Drawing: Oct. 15, 2019

Operator: NEWFIELD EXPLORATION MID-CON INC.

Project # 128959 Date Staked: Sep. 05, 2019 LC

Lease Name: JAMES FED 1508

Well No.: 5H-2X

Topography & Vegetation Loc. fell in sloped plowed field

ELEVATION:
 1124' Gr. at Stake (NGVD29)
 1125' Gr. at Stake (NAVD88)

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From North County road
Distance & Direction

from Hwy Jct or Town From Okarchie, Okla, go ±5.5 miles North-NE on US. Hwy. 81, then ±4.2 mile West to the N/4 Cor. of Sec. 11-T15N-R8W