

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

API NUMBER: 073 26637 A

Approval Date: 10/29/2019
Expiration Date: 04/29/2021

Horizontal Hole
Multi Unit

Oil & Gas

Amend reason: OCC CORRECTION: BHL RANGE

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 15N Rge: 8W

County: KINGFISHER

SPOT LOCATION: SW SE SW SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 200 1900

Lease Name: JAMES FED 1508

Well No: 2H-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	8605	6	
2	WOODFORD	9148	7	
3			8	
4			9	
5			10	

Spacing Orders: 636302
637023
676196

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201809193
201809194
201809209
201809196
201809197

Special Orders:

Total Depth: 19096

Ground Elevation: 1119

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 330

Deep surface casing has been approved

Under Federal Jurisdiction: Yes

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: 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: 19-36251

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 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 NE NW NE

Feet From: NORTH 1/4 Section Line: 85

Feet From: EAST 1/4 Section Line: 1950

Depth of Deviation: 7724

Radius of Turn: 715

Direction: 5

Total Length: 10249

Measured Total Depth: 19096

True Vertical Depth: 10000

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 - 201809193

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

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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.

073 26637 JAMES FED 1508 2H-2X

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 - 201809196	10/15/2019 - GB6 - (I.O.) 2 & 11 -15N-8W EST MULTIUNIT HORIZONTAL WELL X637023/676196** 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)
	** S/B X637023; WILL BE CORRECTED AT HEARING PER ATTORNEY FOR OPERATOR
PENDING CD - 201809197	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 660' FEL COMPL. INT. (2-15N-8W) NCT 0' FSL, NCT 165' FNL, NCT 660' FEL 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 2H-2X) MAY BE CLOSER THAN 600' TO JAMES 1H-2X AND/OR PROPOSED WELLS 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)

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