

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

API NUMBER: 017 25429

Approval Date: 03/26/2019
Expiration Date: 09/26/2020

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 14N Rge: 6W

County: CANADIAN

SPOT LOCATION: NE SE SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 363 1298

Lease Name: WM WALLACE

Well No: 1406 8H-18X

Well will be 363 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 77380-2700

CLYDE LEON WALLACE AND SUSAN KIM WALLACE
6004 HUMMINGBIRD CIRCLE
EL RENO OK 73036

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	8222	6	
2	WOODFORD	8669	7	
3			8	
4			9	
5			10	

Spacing Orders: 608194

Location Exception Orders: 691955

Increased Density Orders: 689881

689882

689827

689828

Pending CD Numbers: 201809733
201809734

Special Orders:

Total Depth: 19385

Ground Elevation: 1251

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 270

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 19-36165

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

H. SEE MEMO

Cancel per operator
request 6/6/19

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.

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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 BED AQUIFER

Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Sec 18 Twp 14N Rge 6W County CANADIAN

Spot Location of End Point: NE NE NW NW

Feet From: NORTH 1/4 Section Line: 85

Feet From: WEST 1/4 Section Line: 1097

Depth of Deviation: 8219

Radius of Turn: 537

Direction: 355

Total Length: 10322

Measured Total Depth: 19385

True Vertical Depth: 8669

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

Additional Surface Owner	Address	City, State, Zip
KATHRYN KREMEIER & MARLIN KR	19430 N. SHEPARD AVE.	OKARCHE, OK 73762

Notes:

Category

Description

DEEP SURFACE CASING

1/31/2019 - 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

1/31/2019 - 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

INCREASED DENSITY - 689827

3/20/2019 - G58 - 18-14N-6W**
X608194 WDFD
7 WELLS
NEWFIELD EXPLORATION MID-CONTINENT INC.
1/16/2019

**WRONG WELL NAME IN HEADER S/B WM WALLACE 1406 8H-18X

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017 25429 WM WALLACE 1406 8H-18X

Category	Description
INCREASED DENSITY - 689828	3/20/2019 - G58 - 19-14N-6W** X608194 WDFD 7 WELLS NEWFIELD EXPLORATION MID-CONTINENT INC. 1/16/2019 **WRONG WELL NAME IN HEADER S/B WM WALLACE 1406 8H-18X
INCREASED DENSITY - 689881	3/20/2019 - G58 - 18-14N-6W** X608194 MSSP 7 WELLS NEWFIELD EXPLORATION MID-CONTINENT INC. 1/16/2019 **WRONG WELL NAME IN HEADER S/B WM WALLACE 1406 8H-18X
INCREASED DENSITY - 689882	3/20/2019 - G58 - 19-14N-6W** X608194 MSSP 7 WELLS NEWFIELD EXPLORATION MID-CONTINENT INC. 1/16/2019 **WRONG WELL NAME IN HEADER S/B WM WALLACE 1406 8H-18X
LOCATION EXCEPTION - 691955	3/20/2019 - G58 - (I.O.) 18 & 19-14N-6W X165:10-3-28(C)(2)(B) MSSP, WDFD (KREMEIER 1406 8H-18X**) MAY BE CLOSER THAN 600' TO EXISTING/PROPOSED WELL 2/28/2019 **WRONG WELL NAME IN ORDER S/B WM WALLACE 1406 8H-18X
MEMO	1/31/2019 - G71 - PIT 1 & 2 - CLOSED SYSTEM = STEEL PITS PER OPERATOR REQUEST, 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
PENDING CD - 201809733	3/20/2019 - G58 - (I.O.) 18 & 19-14N-6W EST MULTIUNIT HORIZONTAL WELL X608194 MSSP, WDFD, OTHER (MSSP & WDFD ARE TARGET FORMATIONS) 50% 18-14N-6W 50% 19-14N-6W NO OP. NAMED REC 12/11/2018 (JACKSON)
PENDING CD - 201809734	3/20/2019 - G58 - (I.O.) 18 & 19-14N-6W X608194 MSSP, WDFD, OTHER COMPL. INT. 19-14N-6W NCT 165' FSL, NCT 0' FNL, NCT 660' FWL COMPL. INT. 18-14N-6W NCT 0' FSL, NCT 165' FNL, NCT 660' FWL NO OP. NAMED REC 12/11/2018 (JACKSON)
SPACING - 608194	3/20/2019 - G58 - (640)(HOR) 18 & 19-14N-6W VAC 161941 MISS, MSCST, OTHER W2 & SE4 VAC 121298 MISS, OTHER N2 & SW4 VAC OTHER EST MSSP, WDFD, OTHER POE TO BHL (MSSP) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST SP. ORDERS 121298 MISS SE4; SP. ORDER 161941 MISS, MSCST NE4)

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