

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

API NUMBER: 017 25126 A

Approval Date: 11/22/2017
Expiration Date: 05/22/2018

Horizontal Hole Oil & Gas

Amend reason: OCC CORRECTION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 13N Rge: 7W

County: CANADIAN

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 252 800

Lease Name: SIEGRIST 1307

Well No: 2-9WH

Well will be 252 feet from nearest unit or lease boundary.

Operator Name: MARATHON OIL COMPANY

Telephone: 7132962003

OTC/OCC Number: 1363 0

MARATHON OIL COMPANY
5555 SAN FELIPE ST
HOUSTON, TX 77056-2701

REDLANDS COMMUNITY COLLEGE
1300 SOUTH COUNTRY CLUB ROAD
EL RENO OK 73036

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

Name	Depth	Name	Depth
1 WOODFORD	9510	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 643979

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201703518

Special Orders:

Total Depth: 14752

Ground Elevation: 1279

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 240

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

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

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

Is depth to top of ground water greater than 10ft below base of pit? Y

H. SEE MEMO

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

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 09 Twp 13N Rge 7W County CANADIAN

Spot Location of End Point: SE SE SW SW

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 1100

Depth of Deviation: 9511

Radius of Turn: 112

Direction: 176

Total Length: 5066

Measured Total Depth: 14752

True Vertical Depth: 9880

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Category

Description

COMPLETION INTERVAL

11/7/2017 - G58 - FIRST PERFORATION TO LAST PERFORATION NCT 165 FNL, NCT 165 FSL
PER PLAT

DEEP SURFACE CASING

11/6/2017 - 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

11/6/2017 - 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

MEMO

11/6/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 -
OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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

017 25126 SIEGRIST 1307 2-9WH

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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.

Category	Description
PENDING CD - 201703518	11/7/2017 - G58 - 9-13N-7W X643979 WDFD 4 WELLS NO OP NAMED REC 6/26/2017 (DUNN)
SPACING - 643979	11/7/2017 - G58 - (640)(HOR) 9-13N-7W EXT 634286 WDFD, OTHER COMPL. INT. NCT 165' FNL & FSL, NCT 330' FEL & FWL