

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

API NUMBER: 073 25470 A

Approval Date: 12/19/2016  
Expiration Date: 12/19/2017

Horizontal Hole Oil & Gas

Amend reason: CHANGE WELL NAME

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 16N Rge: 9W

County: KINGFISHER

SPOT LOCATION:  NE  NE  NE  NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 190 250

Lease Name: KARSON KONNER 1609

Well No: 1-21-28MXH

Well will be 190 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

ROBERT A OPPEL LIVING TRUST  
PO BOX 555  
KINGFISHER OK 73750

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

Name	Depth	Name	Depth
1 MISS'AN (EX CHESTER)	8350	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201604556  
201604559  
201604561  
201604562  
201604558

Special Orders:

Total Depth: 19005

Ground Elevation: 1136

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 570

Under Federal Jurisdiction: Yes

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 28 Twp 16N Rge 9W County KINGFISHER

Spot Location of End Point: S2 SE SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 330

Depth of Deviation: 8150

Radius of Turn: 462

Direction: 181

Total Length: 10129

Measured Total Depth: 19005

True Vertical Depth: 9143

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

Notes:

Category

Description

COMPLETION INTERVAL

12/8/2016 - G64 - WILL BE GREATER THAN 165' FNL 21-16N-9W & 165' FSL 28-16N-9W PER OPERATOR

DEEP SURFACE CASING

11/16/2016 - 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

11/16/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.

INTERMEDIATE CASING

11/16/2016 - 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

MEMO

11/16/2016 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201604556


11/16/2016 - G64 - (640)(HOR) 21-16N-9W  
EXT 655017 MSNLC, OTHER  
POE TO BHL NCT 660' FB  
(COEXIST SP. ORDER 165403 MSSSD & SP. ORDER 77626 MNNG)  
REC. 11-8-2016 (NORRIS)

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.

Category	Description
PENDING CD - 201604558	11/16/2016 - G64 - (I.O.) 21-16N-9W X165:10-3-28(C)(2)(B) MSNLC WELL MAY BE CLOSER THAN 600' TO CLUCK 1-21 WELL REC. 12-6-2016 (P. PORTER)
PENDING CD - 201604559	11/16/2016 - G64 - (640)(HOR) 28-16N-9W EXT 655017 MSNLC, OTHER POE TO BHL NCT 660' FB (COEXIST SP. ORDER 551190 MSSSD) REC. 11-8-2016 (NORRIS)
PENDING CD - 201604561	11/16/2016 - G64 - (I.O.) 21 & 28-16N-9W EST MULTIUNIT HORIZONTAL WELL X201604556 MSNLC, OTHER 21-16N-9W X201604559 MSNLC, OTHER 28-16N-9W 50% 21-16N-9W 50% 28-16N-9W NO OP. NAMED REC. 12-6-2016 (P. PORTER)
PENDING CD - 201604562	11/16/2016 - G64 - (I.O.) 21 & 28-16N-9W X201604556 MSNLC, OTHER 21-16N-9W X201604559 MSNLC, OTHER 28-16N-9W COMPL. INT. (21-16N-9W) NCT 165' FNL, NCT 0' FSL, NCT 330' FEL COMPL. INT. (28-16N-9W) NCT 0' FNL, NCT 165' FSL, NCT 330' FEL NO OP. NAMED REC. 12-6-2016 (P. PORTER)

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.

**Marathon Oil Company**  
7301 NW Expressway, Suite 225  
Oklahoma City, OK 73132  
Telephone: 405.720.5508  
Fax: 405.720.5562  
clpratt@marathonoil.com

  
**Marathon Oil**  
permit ex 6/19/17  
surety ex 8/15/17  
operator # 1363

6/7/2017

Oklahoma Corporation Commission  
2101 North Lincoln Blvd  
Oklahoma City, Ok 73105

013-25470

Re: Marathon Oil Company  
Request for Permit Extension  
Karson Konner 1609 #1-21-28MXH  
21-16N-9W  
190' FNL & 250' FEL  
Kingfisher County, Oklahoma


Marathon Oil Company respectfully requests a six month extension to the Karson Konner current permit. This permit is set expire 6/19/2017.

If you have any additional questions or comments please call me at (405) 720-5508. My fax number is (405) 720-5562.

Sincerely,



Carol Pratt  
Marathon Oil Company  
Regulatory Compliance Representative

Approved for 6 Month  
Extension From  
6-19-2017  
6-14-2017 

**RECEIVED**

JUN 12 2017

OKLAHOMA CORPORATION  
COMMISSION

SD