

API NUMBER: 051 24743 A

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

Approval Date: 12/12/2019  
Expiration Date: 06/12/2021

Multi Unit Oil & Gas

Amend reason: ADD FORMATION AND UPDATE ORDERS

**AMEND PERMIT TO DRILL**

WELL LOCATION: Section: 07 Township: 6N Range: 5W County: GRADY

SPOT LOCATION: ☐ SE ☐ NW ☐ SW ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 880 2192

Lease Name: NEKIAH 0605 Well No: 2-18-19MXH Well will be 880 feet from nearest unit or lease boundary.  
Operator Name: MARATHON OIL COMPANY Telephone: 4057285228 OTC/OCC Number: 1363 0

MARATHON OIL COMPANY  
PO BOX 68  
HOUSTON, TX 77001-0068

LOUISE SPOON, TRUSTEE AND LEMAN A. SPOON, TRUSTEE  
2700 W. GRAND AVE  
CHICKASHA OK 73018

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	12448
2	WOODFORD	319WDFD	12680

Spacing Orders: 153801 Location Exception Orders: 707633 Increased Density Orders: No Density Orders  
620669  
578225  
708065

Pending CD Numbers: No Pending Special Orders: No Special Orders

Total Depth: 23864 Ground Elevation: 1103 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 520

Deep surface casing has been approved

Under Federal Jurisdiction: No  
Fresh Water Supply Well Drilled: No  
Surface Water used to Drill: Yes

**Approved Method for disposal of Drilling Fluids:**

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-37132  
H. SEE MEMO

**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

**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

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.

MULTI UNIT HOLE 1						
Section: 19		Township: 6N		Range: 5W		Total Length: 11053
County: GRADY					Measured Total Depth: 23864	
Spot Location of End Point: SE		SW	SE	SE	True Vertical Depth: 12800	
Feet From: <b>SOUTH</b>		1/4 Section Line: 50				End Point Location from Lease,Unit, or Property Line: 50
Feet From: <b>EAST</b>		1/4 Section Line: 930				

NOTES:	
Category	Description
DEEP SURFACE CASING	12/11/2019 - 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	12/11/2019 - 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: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a> ; 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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a>
LOCATION EXCEPTION - 707633 (201905531)	4/3/2020 - GC2 - (I.O.) 18 & 19-6N-5W X153801 MSSP, WDFD 18-6N-5W X578225 WDFD 18-6N-5W X620669 MSSP, WDFD 19-6N-5W COMPL. INT. (18-6N-5W) NCT 150' FNL, NCT 0' FSL, NCT 660' FEL COMPL. INT. (19-6N-5W) NCT 0' FNL, NCT 150' FSL, NCT 660' FEL NO OP. NAMED 1-17-2020
MEMO	12/11/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - WINTER CREEK), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 153801	12/12/2019 - GC2 - (640) 18 & 19-6N-5W EXT MSSP, OTHERS (VAC MSSP 19-6N-5W BY 620669) EXT OTHERS
SPACING - 578225	4/3/2020 - GC2 - (640) 18-6N-5W EXT 554702 WDFD
SPACING - 620669	12/12/2019 - GC2 - (640)(HOR) 19-6N-5W VAC 153801 MSSP 19-6N-5W EXT 614562 WDFD EST MSSP COMPL. INT. (MSSP) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL
SPACING - 708065 (201905536)	4/3/2020 - GC2 - (I.O.) 18 & 19-6N-5W EST MULTIUNIT HORIZONTAL WELL X153801 MSSP, WDFD 18-6N-5W X578225 WDFD 18-6N-5W X620669 MSSP, WDFD 19-6N-5W 50% 18-6N-5W 50% 19-6N-5W NO OP. NAMED 1-28-2020

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Office of the Conservation Division as to when Surface Casing will be run.

051 24743 NEKIAH 0605 2-18-19MXH