

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

API NUMBER: 073 25701 A

Approval Date: 07/05/2017  
Expiration Date: 01/05/2018

Horizontal Hole Oil & Gas

Amend reason: CHANGE WELL NUMBER & FORMATION DEPTH

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 35 Twp: 16N Rge: 7W County: KINGFISHER  
SPOT LOCATION:  NE  NW  NE  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 240 800

Lease Name: CERNY 1607 Well No: 6-35OH Well will be 240 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

MITCHELL REVOCABLE LIVING TRUST  
804 MONUMENT RD.  
PONCA CITY OK 74604

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	8041	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 627196 Location Exception Orders: 662316 Increased Density Orders: 662377  
662320

Pending CD Numbers:

Special Orders:

Total Depth: 12989 Ground Elevation: 1103 Surface Casing: 1000 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

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: BISON

Approved Method for disposal of Drilling Fluids:

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 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: BISON

HORIZONTAL HOLE 1

Sec 35 Twp 16N Rge 7W 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: 7138

Radius of Turn: 477

Direction: 176

Total Length: 5102

Measured Total Depth: 12989

True Vertical Depth: 8089

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

Notes:

Category

Description

DEEP SURFACE CASING

6/27/2017 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

EXCEPTION TO RULE - 662320

7/5/2017 - G75 - (I.O.) 35-16N-7W  
X165:10-3-28(C)(2)(B) MSSP (10 WELLS)  
MAY BE CLOSER THAN 600' TO EXISTING/PROPOSED WELL  
MARATHON OIL CO.  
3-30-2017

HYDRAULIC FRACTURING

6/27/2017 - 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

INCREASED DENSITY - 662377

7/3/2017 - G75 - 35-16N-7W  
X627196 MSSP  
10 WELLS  
MARATHON OIL CO.  
3-31-2017

LOCATION EXCEPTION - 662316

7/5/2017 - G75 - (I.O.) 35-16N-7W  
X627196 MSSP  
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FEL  
MARATHON OIL CO.  
3-30-2017

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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
MEMO	6/27/2017 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT
SPACING - 627196	6/29/2017 - G75 - (640)(HOR) 35-16N-7W VAC 81050 MSSLM VAC 91941 MCSTR, OTHER EXT 617362 MSSP, OTHER EST OTHER COMPL. INT. NLT 660' FB

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