API NUMBER: 073 25431

Oil & Gas

Horizontal Hole

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

Approval Date: 11/21/2016
Expiration Date: 05/21/2017

PERMIT TO DRILL

WELL LOCATION: Sec: 23 Twp: 15N Rge: 6W County: KINGFISHER

SPOT LOCATION: NE NE NW NW FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: **263 1009** 

Lease Name: HUNTSMAN 1506 Well No: 2-23MH Well will be 263 feet from nearest unit or lease boundary.

Operator OKLAHOMA ENERGY ACQUISITIONS LP Telephone: 2815300991 OTC/OCC Number: 23509 0

OKLAHOMA ENERGY ACQUISITIONS LP

15021 KATY FWY STE 400

HOUSTON, TX 77094-1900

DAN L. MARLOW AND SANDRA K. MARLOW

25610 E. 840 ROAD

KINGFISHER OK 73750

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

Name Depth Name Depth MISS'AN (EX CHESTER) 7738 1 6 2 7 3 8 4 9 10 655955 Spacing Orders: Location Exception Orders: 656423 Increased Density Orders:

Pending CD Numbers: 201604806 Special Orders:

Total Depth: 12577 Ground Elevation: 1216 Surface Casing: 500 Depth to base of Treatable Water-Bearing FM: 120

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

PIT 1 INFORMATION Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Chlorides Max: 4000 Average: 1800

Is depth to top of ground water greater than 10ft below base of pit?  $\quad \mbox{Y}$ 

Within 1 mile of municipal water well? N

Type of Mud System: WATER BASED

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

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 16-31810

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

## **HORIZONTAL HOLE 1**

Sec 23 Twp 15N Rge 6W County KINGFISHER

Spot Location of End Point: SW SE SW SW
Feet From: SOUTH 1/4 Section Line: 200
Feet From: WEST 1/4 Section Line: 861

Depth of Deviation: 7218
Radius of Turn: 500
Direction: 182
Total Length: 4574

Measured Total Depth: 12577

True Vertical Depth: 7739

End Point Location from Lease,
Unit, or Property Line: 200

Notes:

Category Description

DEEP SURFACE CASING 11/21/2016 - 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 11/21/2016 - 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/ 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.

LOCATION EXCEPTION - 656423 11/21/2016 - G60 - (I.O.) 23-15N-6W

X655955 MSNLC

COMPL. INT. NCT 200' FSL, NCT 200' FNL, NCT 330' FEL OR FWL

OKLAHOMA ENERGY ACQUISITIONS, LP.

9-27-16

PENDING CD - 201604806 11/21/2016 - G60 - 23-15N-6W

X655955 MSNLC 3 WELLS NO OP. NAMED HEARING 11/21/16

SPACING - 655955 11/21/2016 - G60 - (640) 23-15N-6W

VAC 55880/62761 MSSLM

EST MSNLC EXT OTHERS

POE TO BHL NLT 660' FB

(COEXIST WITH NON-HORIZONTAL SPACING UNITS)

