API NUMBER: 073 26213

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: 08/15/2018 02/15/2019 Expiration Date:

## PERMIT TO DRILL

Lease Name:	CHESHIRE C	AT 1506	i			W	ell No:	4-13MH		
						SECTION LINES:		307		1586
SPOT LOCATION:	sw	sw s	Ε	SW		FEET FROM QUARTER:	FROM	SOUTH	FROM	WEST
WELL LOCATION:	Sec: 13	Twp:	15N	Rge:	6W	County	y: KING	FISHER		

Well will be 307 feet from nearest unit or lease boundary.

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

OKLAHOMA ENERGY ACQUISITIONS LP 15021 KATY FREEWAY STE 400

HOUSTON. 77094-1900 JINDRA LAND COMPANY, LLC-SERIES 1 16504 ARTHURS CIRCLE

**EDMOND** OK 73012

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN (LESS CHESTER)	7805	6	
2			7	
3			8	
4			9	
5			10	
Spacing Orders:	661217	Location Exception Orders:		Increased Density Orders: 680341
	656904			

Pending CD Numbers: 201804203 Special Orders:

Total Depth: 12500 Ground Elevation: 1210 Surface Casing: 500 Depth to base of Treatable Water-Bearing FM: 190

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

Approved Method for disposal of Drilling Fluids: PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED Chlorides Max: 4000 Average: 1800 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

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35069

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

## **HORIZONTAL HOLE 1**

Sec 13 Twp 15N Rge 6W County KINGFISHER

Spot Location of End Point: NE NW NW NW
Feet From: NORTH 1/4 Section Line: 165
Feet From: WEST 1/4 Section Line: 355

Depth of Deviation: 6939
Radius of Turn: 382
Direction: 350
Total Length: 4961

Measured Total Depth: 12500

True Vertical Depth: 7805

End Point Location from Lease,
Unit. or Property Line: 165

Notes:

Category Description

DEEP SURFACE CASING 8/6/2018 - 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 8/6/2018 - 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:

OCCEWEB.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

INCREASED DENSITY - 680341 8/15/2018 - G57 - 13-15N-6W

X656904/661217 MSNLC

5 WELLS

OKLAHOMA ENERGY ACQUISITIONS, LP.

7-18-2018

PENDING CD - 201804203 8/15/2018 - G57 - (I.O.) 13-15N-6W

X656904/661217 MSNLC

COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FWL

NO OP. NAMED

REC 6-26-2018 (P. PORTER)

SPACING - 656904 8/15/2018 - G57 - (640)(HOR) 13-15N-6W

VAC 55880/62761 MSSLM S2

VAC 55880/62761/182707 MPLM NE4 VAC 55880/62761/215382 MSSLM NW4

EXT OTHERS EST MSNLC

POE TO BHL NLT 660' FB

SPACING - 661217 8/15/2018 - G57 - CLARIFY, MODIFY, AMD ORDER NO. 656904 TO DELETE ANY REFERENCE TO

ORDER NO. 150543 & 167144

