API NUMBER: 073 26091

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: 06/08/2018
Expiration Date: 12/08/2018

PERMIT TO DRILL

WELL LOCATION:	Sec:	22	Twp:	16N	Rge:	5W	County	KING	FISHER		
SPOT LOCATION:	NW	NW	/ NI		NW		FEET FROM QUARTER:	FROM	NORTH	FROM	WEST
							SECTION LINES:		263		1500

Lease Name: CASPER 1605 Well No: 3-22MH 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 FREEWAY STE 400

HOUSTON, TX 77094-1900

LEXIE R. JONES, TRUSTEE 15250 S 20TH PLACE

PHOENIX AZ 85048

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN (EX CHESTER)	7418	6	
2			7	
3			8	
4			9	
5			10	
Spacing Orders:	674622	Location Exception Orders:	673932	Increased Density Orders:

Pending CD Numbers: Special Orders:

Total Depth: 12500 Ground Elevation: 979 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

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: 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
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 ALLUVIAL

Pit Location Formation: ALLUVIUM

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34602
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

## **HORIZONTAL HOLE 1**

Sec 22 Twp 16N Rge 5W County KINGFISHER

Spot Location of End Point: SE SE SW SW
Feet From: SOUTH 1/4 Section Line: 165
Feet From: WEST 1/4 Section Line: 1109

Depth of Deviation: 6813
Radius of Turn: 477
Direction: 182
Total Length: 4938

Measured Total Depth: 12500

True Vertical Depth: 7418

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

Notes:

Category Description

DEEP SURFACE CASING 5/30/2018 - 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 5/30/2018 - 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

LOCATION EXCEPTION - 673932 6/8/2018 - G58 - (I.O.) 22-16N-5W

X674622 MSNLC, OTHERS

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

OKLAHOMA ENERGY ACQUISITIONS, LP

2/23/2018

SPACING - 674622 6/8/2018 - G58 - (640)(HOR) 22-16N-5W

EXT OTHERS EXT 649156 MSNLC POE TO BHL NLT 660' FB

(COEXIST SP. ORDER 59564/61637 MSSLM)

