API NUMBER: 073 25681 B

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

Approval Date: 06/19/2017
Expiration Date: 12/19/2017

Horizontal Hole Oil & Gas

Amend reason: OCC CORRECTION FOR SURFACE LOCATION

AMEND PERMIT TO DRILL

WELL LOCATION:	Sec:	12	Twp:	19N	Rge:	7W	County:	KING	FISHER		
SPOT LOCATION:	S2	SW	SI	N	SW		FEET FROM QUARTER:	FROM	SOUTH	FROM	WEST
							SECTION LINES:		192		330

Lease Name: DISH BOGGETT 19-07-12 Well No: 1H Well will be 192 feet from nearest unit or lease boundary.

Operator CHISHOLM OIL & GAS OPERATING LLC Telephone: 9184886400 OTC/OCC Number: 23991 0

CHISHOLM OIL & GAS OPERATING LLC 6100 S YALE AVE STE 1700

TULSA, OK 74136-1921

GARY HAJEK AND JUDY HAJEK 2298 N. 2830 ROAD

HENNESSEY OK 73742

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

	Name	Depth	Name	Depth
1	MISSISSIPPI LIME	7074	6	
2			7	
3			8	
4			9	
5			10	
Spacing Orders:	640084	Location Exception Orders: 665	869	Increased Density Orders:

Pending CD Numbers: Special Orders:

Total Depth: 12406 Ground Elevation: 1180 Surface Casing: 400 Depth to base of Treatable Water-Bearing FM: 260

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

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: 3500 Average: 1500

Is depth to top of ground water greater than 10ft below base of pit? Y

to dopartic top of ground mater grounds and rost bottom bade of pit.

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: BISON

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 17-32510

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

HORIZONTAL HOLE 1

Sec 12 Twp 19N Rge 7W County KINGFISHER

Spot Location of End Point: N2 NW NW NW Feet From: NORTH 1/4 Section Line: 165
Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 6989
Radius of Turn: 456
Direction: 360
Total Length: 4700

Measured Total Depth: 12406

True Vertical Depth: 7554

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

Notes:

Category Description

HYDRAULIC FRACTURING 6/9/2017 - 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/ 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 - 665869 6/19/2017 - G60 - (I.O.) 12-19N-7W

X640084 MSSLM

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

NO OP. NAMED

7/12/17

SPACING - 640084 6/19/2017 - G60 - (640)(HOR) 12-19N-7W

EST MSSLM

COMPL. INT. NLT 660' FB

(COEXIST WITH SP. ORDER 53739 MSSSD)