API NUMBER: 073 26048

Oil & Gas

Horizontal Hole

Operator

Name:

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

Approval Date: 05/11/2018
Expiration Date: 11/11/2018

23509 0

PERMIT TO DRILL

Telephone: 2815300991

WELL LOCATION:	Sec: 36	6 Twp:	15N	Rge:	6W	County	: KING	FISHER		
SPOT LOCATION:	NW [NW N	E	NE		FEET FROM QUARTER: SECTION LINES:	FROM	NORTH	FROM	EAST
Lease Name: V	VALRUS 15	606				We	ell No:	283 7-36MH		1286

Well will be 283 feet from nearest unit or lease boundary.

OTC/OCC Number:

OKLAHOMA ENERGY ACQUISITIONS LP 15021 KATY FREEWAY STE 400

HOUSTON, TX 77094-1900

OKLAHOMA ENERGY ACQUISITIONS LP

JOHN P. BRUEGGEN AND PAM BRUEGGEN 29075 NORTH 2940 ROAD

CASHION OK 73016

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN (EX CHESTER)	7872	6	
2			7	
3			8	
4			9	
5			10	
Spacing Orders:	665424	Location Exception Orders:		Increased Density Orders:

Pending CD Numbers: 201802474 Special Orders:

201802480

Total Depth: 12500 Ground Elevation: 1189 Surface Casing: 530 Depth to base of Treatable Water-Bearing FM: 480

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: 1200

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: 18-34462

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

HORIZONTAL HOLE 1

Sec 36 Twp 15N Rge 6W County KINGFISHER

Spot Location of End Point: SW SE SW SE
Feet From: SOUTH 1/4 Section Line: 165
Feet From: EAST 1/4 Section Line: 1917

Depth of Deviation: 6649
Radius of Turn: 573
Direction: 180
Total Length: 4951

Measured Total Depth: 12500

True Vertical Depth: 7872

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

Notes:

Category Description

HYDRAULIC FRACTURING 5/8/2018 - 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

PENDING CD - 201802474 5/9/2018 - G60 - (I.O.) 36-15N-6W

X665424 MSNLC 6 WELLS NO OP. NAMED

REC. 4/30/18 (M. PORTER)

PENDING CD - 201802480 5/9/2018 - G60 - (I.O.) 36-15N-6W

X665424 MSNLC

COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 1756' FEL

NO OP. NAMED

REC. 4/30/18 (M. PORTER)

SPACING - 665424 5/9/2018 - G60 - (640)(HOR) 36-15N-6W

EST MSNLC EXT OTHERS

COMPL. INT. NCT 660' FB

(COEXIST WITH SP. ORDER 55880/62761 MSSLM)

