API NUMBER: 073 26061

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: 05/22/2018
Expiration Date: 11/22/2018

## PERMIT TO DRILL

WELL LOCATION:	Sec:	36	Twp:	15N	Rge:	6W	County	: KINC	SFISHER		
SPOT LOCATION:	NE	NE	N'	W	NW		FEET FROM QUARTER:	FROM	NORTH	FROM	WEST
							SECTION LINES:		222		1304

Lease Name: WALRUS 1506 Well No: 3-36MH Well will be 223 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

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)	7873 6		
2		7		
3		8		
4		9		
5		10		
Spacing Orders:	665424	Location Exception Orders:		Increased Density Orders:

Pending CD Numbers: 201802476 Special Orders:

201802474 201802478

Total Depth: 12500 Ground Elevation: 1190 Surface Casing: 500 Depth to base of Treatable Water-Bearing FM: 340

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 D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34523
Chlorides Max: 4000 Average: 1800 H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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

Within 1 mile of municipal water well? N

Liner not required for Category: C
Pit Location is NON HSA
Pit Location Formation: BISON

Pit is not located in a Hydrologically Sensitive Area.

Wellhead Protection Area?

Category of Pit: C

## **HORIZONTAL HOLE 1**

Sec 36 Twp 15N Rge 6W 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: 1101

Depth of Deviation: 6644
Radius of Turn: 573
Direction: 180
Total Length: 4956

Measured Total Depth: 12500

True Vertical Depth: 7873

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

Notes:

Category Description

HYDRAULIC FRACTURING 5/15/2018 - 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 5/22/2018 - G60 - (I.O.) 36-15N-6W

X665424 MSNLC 6 WELLS NO OP. NAMED

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

PENDING CD - 201802476 5/22/2018 - G60 - (I.O.) 36-15N-6W

X165:10-3-28(C)(2)(B) MSNLC

MAY BE CLOSER THAN 600' TO THE A. HUSMAN 36-1 WELL

NO OP. NAMED

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

PENDING CD - 201802478 5/22/2018 - G60 - (I.O.) 36-15N-6W

X665424 MSNLC

COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 975' FWL

NO OP. NAMED

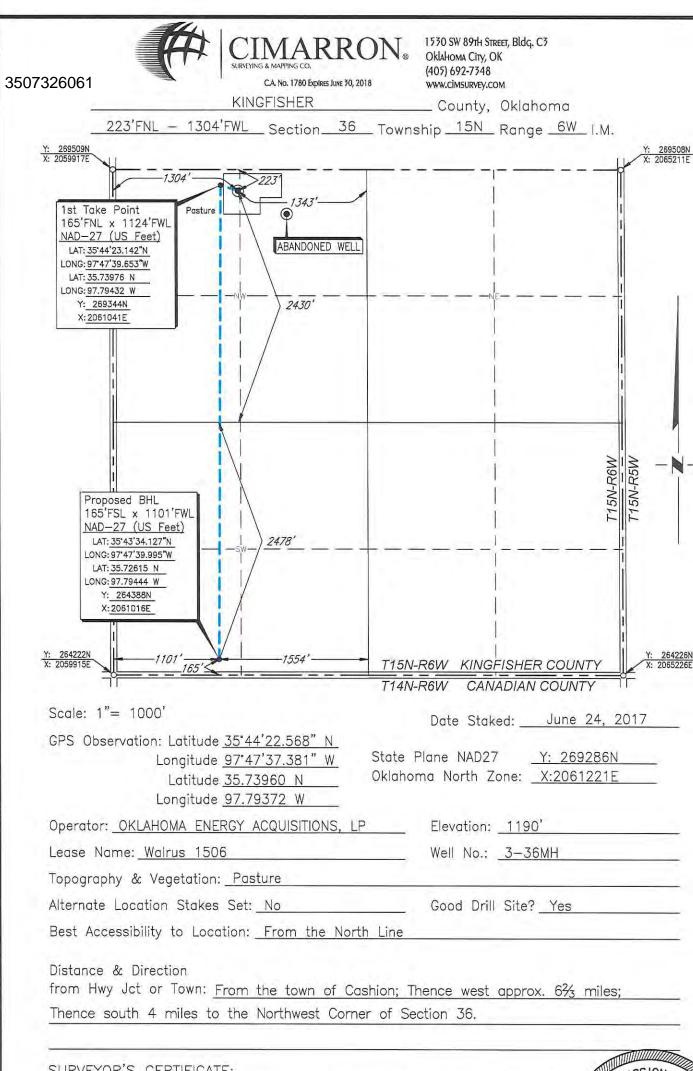
REC. 4/30/18 (M. PORTER)

SPACING - 665424 5/22/2018 - G60 - (640)(HOR) 36-15N-6W

EST MSNLC EXT OTHERS

COMPL. INT. NCT 660' FB

(COEXIST WITH SP. ORDER 55880/62761 MSSLM)



SURVEYOR'S CERTIFICATE:

I, D. MIKE DOSSEY, Registered Professional Land Surveyor, No. 1431 do hereby certify that the above described well location was carefully staked on the ground as shown and that all ties and distances shown are from existing lines of occupation.

1706153B JOB NO.: DATE: 05/08/18 1 MOVED WELL 05/09/18 N.J.S. DRAWN BY: N.J.S. NO. REVISION DATE

D. MIKE DOSSEY R.P.L.S. # 1431

