

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

API NUMBER: 093 25118 A

Approval Date: 08/27/2018

Expiration Date: 02/27/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 21N Rge: 9W

County: MAJOR

SPOT LOCATION: ☐ NW ☐ NW ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 196 1350

Lease Name: Highbury 2109

Well No: 1-5MH

Well will be 196 feet from nearest unit or lease boundary.

Operator Name: OKLAHOMA ENERGY ACQUISITIONS LP

Telephone: 2815300991

OTC/OCC Number: 23509 0

OKLAHOMA ENERGY ACQUISITIONS LP
15021 KATY FREEWAY STE 400
HOUSTON, TX 77094-1900

CLARENCE E. SHAFFER & CONNIE JO SHAFFER
48254 S. COUNTY ROAD 268
RINGWOOD OK 73768

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	7604	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 668557
674889

Location Exception Orders: 669834

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 12500

Ground Elevation: 1317

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 380

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? 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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-33692

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

HORIZONTAL HOLE 1

Sec 05 Twp 21N Rge 9W County MAJOR

Spot Location of End Point: SE SE SE SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 2632

Depth of Deviation: 6919

Radius of Turn: 382

Direction: 170

Total Length: 4981

Measured Total Depth: 12500

True Vertical Depth: 7604

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

Notes:

Category

Description

HYDRAULIC FRACTURING

8/15/2018 - 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

LOCATION EXCEPTION - 669834

8/27/2018 - G58 - (I.O.) 5-21N-9W
X668557 MSSP, OTHER
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FEL OR FWL **
OKLAHOMA ENERGY ACQUISITIONS, LP
11-7-2017

** ITD HAS LATERAL DRILLED IN OPPOSITE DIRECTION; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR

SPACING - 668557

8/27/2018 - G58 - (640)(HOR) 5-21N-9W
EST MSSP, OTHER
POE TO BHL NLT 660' FB
(COEXIST SP. ORDER # 41028 MNNG & ORDER # 55060 MSSP)

SPACING - 674889

8/27/2018 - G58 - CONFIRMS SP. ORDER 668557 FOR SEC 5-21N-9W AND NOTICES ALL PROPER PARTIES NOT NOTIFIED IN ORIGINAL SPACING ORDER.

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

093 25118 HIGHBURY 2109 1-5MH

MAJOR County, Oklahoma
196'FNL - 1350'FWL Section 5 Township 21N Range 09W I.M.

BEARINGS ARE GRID
OKLAHOMA SPC, NAD 27, NORTH ZONE

Y: 485273N
X: 1942982E

Y: (485261)N
X: (1945615)E

T 22 N

T 21 N

Y: 485252N
X: 1948256E

196'

1350'

3923'

2468'

2483'

2632'

2631'

165'

Y: 482607N
X: (1942962)E

Y: 482589N
X: 1948228E

SW

SE

Y: 479941N
X: 1942942E

Y: 479950N
X: 1945575E

Y: 479969N
X: 1948206E

1ST TAKE POINT
165'FNL - 2633'FWL
NAD-27 (U.S. FEET)
N36°19'57.0"
W98°11'04.7"
N36.332502
W98.184636
Y: 485096N
X: 1945614E

PROPOSED BHL
165'FNL - 2632'FWL
NAD-27 (U.S. FEET)
N36°19'07.7"
W98°11'05.0"
N36.318818
W98.184733
Y: 480115N
X: 1945576E

5

GPS OBSERVATION: LATITUDE: N36°19'56.7"
LONGITUDE: W98°11'20.4"
LATITUDE: N36.332424
LONGITUDE: W98.188992

STATE PLANE NAD 27 Y: 485070N
OKLAHOMA NORTH ZONE X: 1944331E

Operator: OKLAHOMA ENERGY ACQUISITIONS, LP Date Staked: 12/13/2017

Lease Name: HIGHBURY 2109 Well No.: 1-5MH Elevation: 1317'

Topography and Vegetation: CULTIVATED WHEAT FIELD

Good Drill Site? YES Reference or Alt. Location Stakes Set: NONE

Best Accessibility to Location: FROM COUNTY ROAD

Distance and Direction
from Hwy, Jct. or town: FROM MENO, OK, HEAD SOUTH 3.7 MILES ON CO. RD. N2710, THEN WEST
0.7 MILES ON CO. RD. E0470, TURN SOUTH INTO LOCATION.

Fred Anthony Selesky 12-19-2017
FRED ANTHONY SELENSKY
OKLAHOMA L.P.L.S. NO.: 1860

NOTE:
This is a plot of a proposed well location and does not represent a true boundary survey. The information shown hereon shall not be relied upon for the location or establishment of land boundary lines. All of the positions shown hereon have not been verified as being actual Section, Quarter or Property corners. Positions shown in (Parentheses) are based upon local occupation and improvements or calculated per proportional measurement and/or G.L.O. record distances. Review this plot and notify Gateway Services Group, LLC immediately of any possible discrepancy.

Gateways
Gateway Services Group, LLC

PO. BOX 960
MEeker, OK 74855
OFF. (405) 273-0954
FAX (405) 273-0580
C.A. NO. 4091 (LS)
EXP. DATE 6-30-2018

EXHIBIT "A" PRELIMINARY
HIGHBURY 2109 1-5MH
196'FNL - 1350'FWL
SECTION 5, T 21 N - R 09 W, I.M.,
MAJOR COUNTY, OKLAHOMA

DRAWN BY: JE	DATE: 12/14/17	CHK'D: CLC
GATEWAY NO.: 17-0799-101	SCALE: 1"=1000'	
PN:	DATE:	
REV.	DWN.	DESCRIPTION
		DATE

LICENSED PROFESSIONAL LAND SURVEYOR
FRED ANTHONY SELENSKY
12-19-2017
1860
OKLAHOMA