

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

API NUMBER: 045 23719

Approval Date: 01/12/2018
Expiration Date: 07/12/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 16 Twp: 20N Rge: 26W County: ELLIS
SPOT LOCATION: ☐ SE ☐ NW ☐ NE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 350 1900

Lease Name: KELLN 9 Well No: 9H Well will be 350 feet from nearest unit or lease boundary.
Operator Name: JONES ENERGY LLC Telephone: 5123282953 OTC/OCC Number: 21043 0

JONES ENERGY LLC
807 LAS CIMAS PKWY STE 350
AUSTIN, TX 78746-6193

GRAYSON KELLY
RT. 2 BOX 98
SHATTUCK OK 73858

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

	Name	Depth	Name	Depth
1	CLEVELAND	7995	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 122784

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201708451
201708450

Special Orders:

Total Depth: 12995

Ground Elevation: 2330

Surface Casing: 590

Depth to base of Treatable Water-Bearing FM: 540

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: 8000 Average: 5000

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 BED AQUIFER

Pit Location Formation: OGALLALA

D. One time land application -- (REQUIRES PERMIT)
H. SEE MEMO

PERMIT NO: 17-33630

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.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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 BED AQUIFER

Pit Location Formation: OGALLALA

HORIZONTAL HOLE 1

Sec 09 Twp 20N Rge 26W County ELLIS

Spot Location of End Point: W2 NW NE NW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 1575

Depth of Deviation: 7345

Radius of Turn: 650

Direction: 358

Total Length: 4629

Measured Total Depth: 12995

True Vertical Depth: 7995

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category

Description

HYDRAULIC FRACTURING

12/20/2017 - 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

MEMO

12/20/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201708450

1/9/2018 - G60 - 9-20N-26W
X122784 CLVD
2 WELLS
NO OP. NAMED
REC. 1/8/18 (JACKSON)

PENDING CD - 201708451

1/9/2018 - G60 - (I.O.) 9-20N-26W
X122784 CLVD
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 1230' FWL
NO OP. NAMED
REC. 1/8/18 (JACKSON)

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.

045 23719 KELLN 9 9H

Category

Description

SPACING - 122784

1/9/2018 - G60 - (640) 9-20N-26W
EST CLVD, OTHERS

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.

PROPOSED NEW WELL LOCATION PLAT

SEC 5
X = 1,413,497
Y = 454,194

SEC 4

SEC 4
SEC 3
X = 1,418,819
Y = 454,056

SEC 8
1575'

330'

S 89°39'56" E

5324.4'

BOTTOM HOLE LOCATION
& LAST TAKE POINT

SEC 9

SEC 10

FENCE CORNER

BOTTOM HOLE LOCATION
 & LAST TAKE POINT
 330' FNL & 1575' FWL
 OF SECTION 9
 X = 1,415,065
 Y = 453,823
 36°13'49.16"
 -99°59'00.12"
 36.2303223°
 -99.9833667°

OKLA. COORDINATE SYSTEM
NAD-27
OKLAHOMA NORTH ZONE
U.S. FEET

WELL NAME	DISTANCE TO HORIZ
KELLN #1	735'
KELLN #2	2412'
KELLN #9-3	665'
KELLN #9-4	1065'

PENETRATION POINT
& FIRST TAKE POINT
330' FSL & 1575' FWL
OF SECTION 9
X = 1,414,973
Y = 449,225
36°13'03.68"
-99°59'00.10"
36.2176889°
-99.9833611°

SURFACE LOCATION
50' FNL & 1900' FW
OF SECTION 16
X = 1,415,283
Y = 448,532
36°12'56.89"
-99°58'56.14"
36.2158028°
-99.9822611°

WELL LEGEND
 ○ PERMITTED
 ⊕ DRY HOLE
 ● OIL
 ☼ GAS
 ⚡ OIL/GAS
 ⬮ PLUGGED OIL
 ⚡ PLUGGED GAS
 ⚡ PLUGGED OIL/GAS

SEC 8

FENCE CORNER

X = 1,413,392
Y = 448,955

SEC 17

SEC 16

1575'

2139'

330'

GRID AZ = 335°50' - 759'

350'

N 88°58'03" W

5298.7'

5/8" I.R. FND.

X = 1,418,687
Y = 448,753

SEC 10

SEC 15

1900'

SURFACE LOCATION

#5H

#6H

#7H

#8H & #8HR

NOTE:

1. This plat is intended for Oklahoma Corporation Commission Permit purposes only and is NOT to be relied upon as a boundary survey and is NOT to be used to convey or establish real property interests.
2. Bearings and dimensions shown are based on Geodetic Azimuth and Ground distance. All X,Y coordinates are based on NAD27, Oklahoma North Zone, U.S. Feet.
3. X,Y Coordinates were derived from GPS static survey observations and/or RTK survey methods.
4. As-drilled data shown on this plat was provided by client and/or third party. Information was not nor has not been field verified by Surveyor.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY MYSELF OR OTHERS UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SIGNED: DATED: 12/12/17



105 HACKBERRY TRAIL • CANADIAN, TX 79014
(806) 323-9773 • TEXAS FIRM NO. 10010100
CERT. OF AUTH. NO. 7796, EXP. JUNE 30, 2018



807 LAS CIMAS PARKWAY • SUITE 350 • AUSTIN, TEXAS 78746

KELLN 9 #9H	
FIELD:	JT,CMc,GPS
DRAWN:	CM
DATE:	12/12/17
CHECKED:	MLS
SHEET:	1 OF 5
REVISION:	



JOB NO.	C217-388-1
---------	------------