

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

API NUMBER: 045 23722

Approval Date: 01/17/2018

Expiration Date: 07/17/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 20N Rge: 25W County: ELLIS  
SPOT LOCATION: ☐ NW ☐ NE ☐ NE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 267 2207

Lease Name: YOUNG 27 Well No: 5H Well will be 267 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

RICHARD & LINDA OBLANDER REVOCABLE TRUST  
PO BOX 247  
SHATTUCK OK 73858

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

Name	Depth	Name	Depth
1 CLEVELAND	8410	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 65115

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201708455  
201708453

Special Orders:

Total Depth: 12833 Ground Elevation: 2480 Surface Casing: 740 Depth to base of Treatable Water-Bearing FM: 690

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)

PERMIT NO: 18-33696

H. SEE MEMO

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 27 Twp 20N Rge 25W County ELLIS

Spot Location of End Point: E2 SE SE SW

Feet From: SOUTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 2612

Depth of Deviation: 7760

Radius of Turn: 650

Direction: 177

Total Length: 4052

Measured Total Depth: 12833

True Vertical Depth: 8410

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

### Notes:

#### Category

#### Description

HYDRAULIC FRACTURING

1/12/2018 - 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](http://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](http://FRACFOCUS.ORG)

MEMO

1/12/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201708453

1/17/2018 - G60 - 27-20N-25W  
X65115 CLVD  
2 WELLS  
NO OP. NAMED  
REC. 1/8/18 (JACKSON)

PENDING CD - 201708455

1/17/2018 - G60 - (I.O.) 27-20N-25W  
X65115 CLVD  
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 2630' FEL  
NO OP. NAMED  
REC. 1/8/18 (JACKSON)

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

045 23722 YOUNG 27 5H

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.

Category

Description

SPACING - 65115

1/17/2018 - G60 - (640) 27-20N-25W  
EXT 64184 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 21  
X = 1,450,081  
Y = 437,540

SEC 22  
N 89°51'50" E  
5293.9'

SEC 26  
X = 1,455,374  
Y = 437,450

5/8" I.R. FND.

SEC 28  
2207'  
267'  
330' COUNTY ROAD "EW57"  
BHL  
1/2" I.R. W/ CAP FND.

SEC 27  
2650'

SEC 26  
1/2" I.R. W/ CAP FND.

2642'  
SURFACE LOCATION  
GRID AZ = 99°09' - 440'  
PENETRATION POINT  
& FIRST TAKE POINT

267' FNL & 2207' FWL  
SURFACE LOCATION  
X = 1,452,284  
Y = 437,235  
36°11'12.42"  
-99°51'22.05"  
36.1867833°  
-99.8561250°

2246'

NW

OBLANDER #1

2246'

NE

PENETRATION POINT  
& FIRST TAKE POINT  
330' FNL & 2642' FWL  
X = 1,452,718  
Y = 437,165  
36°11'11.81"  
-99°51'16.74"  
36.1866139°  
-99.8546500°

GRID AZ = 181°09' - 4639'

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

1132'

SE

BOTTOM HOLE LOCATION  
& LAST TAKE POINT  
330' FSL & 2612' FWL  
X = 1,452,624  
Y = 432,527  
36°10'25.93"  
-99°51'16.80"  
36.1738694°  
-99.8546667°

2612'

SW

BOTTOM HOLE LOCATION  
& LAST TAKE POINT

2650'

SE

BHL

SEC 28  
1/2" REBAR FND.

SEC 26  
1/2" REBAR FND.

SEC 33  
X = 1,450,008  
Y = 432,242

SEC 34  
S 89°52'10" W  
5260.1'

SEC 34  
X = 1,455,267  
Y = 432,152

SEC 35

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.

Scale 1" = 1000'

-1000      -500      0      1000

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: 1/9/18



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

YOUNG 27 #5H	
FIELD:	JT,GPS
DRAWN:	CM
DATE:	1/9/18
CHECKED:	MLS
SHEET:	1 OF 5
REVISION:	



JOB NO.	C217-401-1.1
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