

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

API NUMBER: 043 23684 B

Approval Date: 01/18/2019
Expiration Date: 07/18/2020

Horizontal Hole Oil & Gas
Multi Unit

Amend reason: CHANGE LE & MU

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 19 Twp: 19N Rge: 17W County: DEWEY
SPOT LOCATION: ☐ SW ☐ NE ☐ NE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 475 2000

Lease Name: RANDI 18/7-19-17 Well No: 3H Well will be 475 feet from nearest unit or lease boundary.
Operator Name: TAPSTONE ENERGY LLC Telephone: 4057021600 OTC/OCC Number: 23467 0

TAPSTONE ENERGY LLC
100 E MAIN ST
OKLAHOMA CITY, OK 73104-2509

RANDI LYNN COLE AND RON D. COLE
ROUTE 2, BOX 153
VICI OK 73859

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	11700	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 657193 Location Exception Orders: 693503 Increased Density Orders: 690787
651262 690786
693923

Pending CD Numbers:

Special Orders:

Total Depth: 19415 Ground Elevation: 1951 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 240

Deep surface casing has been approved

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

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: RUSH SPRINGS

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36086
H. SEE MEMO

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is 18 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: RUSH SPRINGS

HORIZONTAL HOLE 1

Sec 07 Twp 19N Rge 17W County DEWEY

Spot Location of End Point: NW NE NW SW

Feet From: SOUTH 1/4 Section Line: 2386

Feet From: WEST 1/4 Section Line: 857

Depth of Deviation: 11237

Radius of Turn: 602

Direction: 1

Total Length: 7233

Measured Total Depth: 19415

True Vertical Depth: 11700

End Point Location from Lease,
Unit, or Property Line: 857

Notes:

Category

Description

DEEP SURFACE CASING

1/11/2019 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

1/11/2019 - 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

INCREASED DENSITY - 690786

3/27/2019 - G58 - 18-19N-17W
X651262 MSSP
2 WELLS
NO OP. NAMED
2/1/2019

INCREASED DENSITY - 690787

3/27/2019 - G58 - 7-19N-17W
X657193 MSSP
2 WELLS
NO OP. NAMED
2/1/2019

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

The duration of this permit is 18 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.

043 23684 RANDI 18/7-19-17 3H

INTERMEDIATE CASING	1/11/2019 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES
LOCATION EXCEPTION - 693503	11/4/2019 - G56 - (I.O.)(IRR UNIT) 18 & 7-19N-17W X651262 MSSP 18-19N-17W X657193 MSSP 7-19N-17W X165:10-3-28(C)(2)(B) MSSP MAY BE CLOSER THAN 600' TO EXISTING WELLS COMPL INT (18-19N-17W) NCT 150' FSL, NCT 0' FNL, NCT 560' FWL COMPL INT (7-19N-17W) NCT 0' FSL, NCT 150' FNL, NCT 560' FWL TAPSTONE ENERGY, LLC 3/26/2019
MEMO	1/11/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 651262	1/18/2019 - G58 - (643.68)(IRR. UNIT) 18-19N-17W VAC 78413 MCSTR EST MSSP, OTHERS
SPACING - 657193	1/18/2019 - G58 - (642.4)(IRR. UNIT) 7-19N-17W VAC 85657 MCSTR EST MSSP, OTHERS
SPACING - 693923	11/4/2019 - G56 - (I.O.)(IRR UNIT) 18 & 7-19N-17W EST MULTIUNIT HORIZONTAL WELL X651262 MSSP 18-19N-17W X657193 MSSP 7-19N-17W 50% 18-19N-17W 50% 7-19N-17W TAPSTONE ENERGY, LLC 4/2/2019

043-23684B

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 WIRELESS HWY. OKLA. CITY, OKLA. 73134 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219

DEWEY Certificate of Authorization No. 1223 LS

County, Oklahoma

475 FNL-2000 FWL Section 19 Township 19N Range 17W, 1.M.

REVISION A
7-12-19

Operator: TAPSTONE ENERGY
 Lease Name: RANDI 18/7-19-17
 Topography & Vegetation: LOC. FILL IN ROLLING PASTURE
 Good Drill Site? Yes
 Reference Stakes of Alternate Location
 Stakes Set NONE
 Best Accessibility to Location FROM WEST OFF COUNTY ROAD
 Distance & Direction FROM WEST OFF COUNTY ROAD
 FROM HWY JCT. US HWY. 281 AND ST. HWY. 51 IN SELLING, OK, GO ±7.7 MILES
 WEST ON HWY 51/US HWY 60, THEN ±2 MILES SOUTH TO THE NW COR. OF SEC. 19-T19N-R17W

DATUM: NAD-27
 LAT: 36°06'50.8" N
 LONG: 99°03'17.7" W
 LAT: 36.114120932° N
 LONG: 99.054909511° W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1688411
 Y: 407242

This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy

Date of Drawing: July 05, 2019
 Project # 124003A Date Staked: Dec. 13, 2018

ST/TR

FINAL AS-DRILLED PLAT

AS-DRILLED INFORMATION
 FURNISHED BY TAPSTONE ENERGY

