

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

API NUMBER: 017 25378

Approval Date: 01/25/2019

Expiration Date: 07/25/2020

Horizontal Hole  
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 19 Twp: 14N Rge: 9W

County: CANADIAN

SPOT LOCATION: ☐ SE ☐ SW ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 195 1665

Lease Name: SNYDER 5-19-18

Well No: 1409MHX

Well will be 195 feet from nearest unit or lease boundary.

Operator Name: TRIUMPH ENERGY PARTNERS LLC

Telephone: 9189868266

OTC/OCC Number: 23826 0

TRIUMPH ENERGY PARTNERS LLC  
8908 S YALE AVE STE 250  
TULSA, OK 74137-3557

BIA CONCHO AGENCY  
P.O. BOX 68  
EL RENO OK 73036

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

Name	Depth	Name	Depth
1 MISSISSIPPI SOLID	10980	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 557473  
557482  
686185

Location Exception Orders: 686186  
686178

Increased Density Orders: 684359  
684357

Pending CD Numbers:

Special Orders:

Total Depth: 20989

Ground Elevation: 1392

**Surface Casing: 470**

Depth to base of Treatable Water-Bearing FM: 220

Under Federal Jurisdiction: Yes

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: 10000 Average: 5000

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

Within 1 mile of municipal water well? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

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

PERMIT NO: 18-35848

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? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

## HORIZONTAL HOLE 1

Sec 18 Twp 14N Rge 9W County CANADIAN

Spot Location of End Point: NW NW NE NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 1580

Depth of Deviation: 10516

Radius of Turn: 382

Direction: 358

Total Length: 9872

Measured Total Depth: 20989

True Vertical Depth: 10980

End Point Location from Lease,  
Unit, or Property Line: 50

### Notes:

#### Category

#### Description

EXCEPTION TO RULE - 686178

1/14/2019 - GA8 - (I.O.) 19 & 18-14N-9W  
X165:10-3-28(C)(2)(B) MSSSD (SNYDER 5-19-18 1409MHX)  
MAY BE CLOSER THAN 600' TO EXISTING/PROPOSED WELLS  
TRIUMPH ENERGY PARTNERS, LLC  
11/6/2018

HYDRAULIC FRACTURING

11/21/2018 - 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)

INCREASED DENSITY - 684357

1/11/2019 - GA8 - 18-14N-9W  
X557482 MSSSD  
8 WELLS  
TRIUMPH ENERGY PARTNERS, LLC  
10/4/2018

INCREASED DENSITY - 684359

1/11/2019 - GA8 - 19-14N-9W  
X557473 MSSSD  
6 WELLS  
TRIUMPH ENERGY PARTNERS, LLC  
10/4/2018

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

017 25378 SNYDER 5-19-18 1409MHX

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
INTERMEDIATE CASING	11/21/2018 - 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 - 686186	1/11/2019 - GA8 - (I.O.) 19 & 18-14N-9W X557473 MSSSD 19-14N-9W X557482 MSSSD 18-14N-9W COMPL. INT. (19-14N-9W) NCT 165' FSL, NCT 0' FNL, NCT 1000' FWL COMPL. INT. (18-14N-9W) NCT 0' FSL, NCT 165' FNL, NCT 1000' FWL TRIUMPH ENERGY PARTNERS, LLC 11/6/2018
MEMO	12/29/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PUBLIC WATER SUPPLY WELL	11/21/2018 - G71 - CANADIAN CO RWD #1, 1 PWS/WPA, NE/4 24-14N-10W
SPACING - 557473	1/11/2019 - GA8 - (640) 19-14N-9W EST OTHER EXT OTHER EXT 526319 MSSSD, OTHERS
SPACING - 557482	1/11/2019 - GA8 - (640) 18-14N-9W EXT OTHERS EXT 526319 MSSSD, OTHERS
SPACING - 686185	1/11/2019 - GA8 - 19 & 18-14N-9W EST HORIZONTAL MULTIUNIT WELL X557473 MSSSD 19-14N-9W X557482 MSSSD 18-14N-9W 50% 19-14N-9W 50% 18-14N-9W TRIUMPH ENERGY PARTNERS, LLC 11/6/2018



# Well Location Plat

Operator: TRIUMPH ENERGY PARTNERS, LLC  
 Lease Name and No.: SNYDER 5-19-18 1409MHX  
 Footage: 195' FSL - 1665' FWL Gr. Elevation: 1392'  
 Section: 19 Township: 14N Range: 9W I.M.  
 County: Canadian State of Oklahoma  
 Terrain at Loc.: Location fell in a flat, open pasture.

S.H.L. Sec. 19-14N-9W I.M.  
 B.H.L. Sec. 18-14N-9W I.M.



BASIS OF ELEVATION:  
OPUS SOLUTION

BASIS OF BEARING:  
GRID NORTH - NAD 83  
STATE PLANE - OK NORTH ZONE

All bearings shown  
are grid bearings.

0' 750' 1500' 2250'

1" = 1500'

GPS DATUM

NAD 83

NAD 27

OK NORTH ZONE

Surface Hole Loc.:  
Lat: 35.66782999  
Lon: -98.20156056  
X: 1908628  
Y: 243164

Surface Hole Loc.:  
Lat: 35.66778293  
Lon: -98.20122311  
X: 1940227  
Y: 243141

Landing Point:  
Lat: 35.66899190  
Lon: -98.20171529  
X: 1908583  
Y: 243587

Landing Point:  
Lat: 35.66894487  
Lon: -98.20137781  
X: 1940182  
Y: 243564

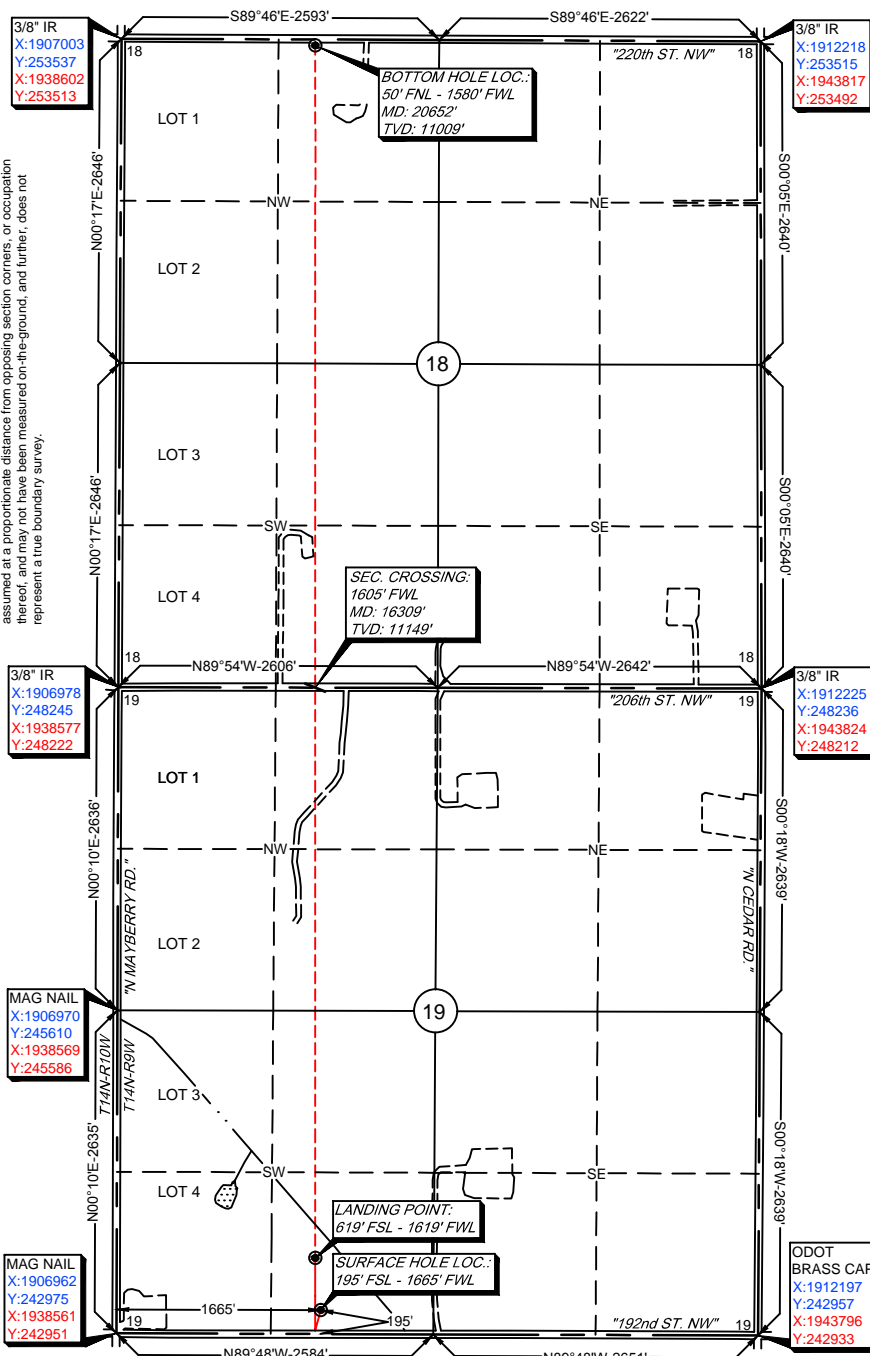
Section Crossing:  
Lat: 35.68178031  
Lon: -98.20174782  
X: 1908583  
Y: 248242

Section Crossing:  
Lat: 35.68173365  
Lon: -98.20141010  
X: 1940182  
Y: 248219

Bottom Hole Loc.:  
Lat: 35.69616941  
Lon: -98.20178427  
X: 1908583  
Y: 253480

Bottom Hole Loc.:  
Lat: 35.69612314  
Lon: -98.20144622  
X: 1940182  
Y: 253457

Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS.  
 -NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey. Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.



Survey and plat by:  
 Arkoma Surveying and Mapping, PLLC  
 P.O. Box 238 Wilburton, OK 74578  
 Ph. 918-465-5711 Fax 918-465-5030  
 Certificate of Authorization No. 5348  
 Expires June 30, 2020

## Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

Invoice #7247-A-B  
 Date Staked: 09/27/18 By: Z.D.  
 Date Drawn: 10/02/18 By: C.K.  
 Added Directional Plan: 11/04/18 By: R.S.  
 Added LP: 01/17/19 By: M.K.

*Lance G. Mathis*  
 LANCE G. MATHIS

01/21/19

OK LPLS 1664

