

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

API NUMBER: 017 25331

Approval Date: 11/21/2018

Expiration Date: 05/21/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 14N Rge: 9W

County: CANADIAN

SPOT LOCATION: ☐ SE ☐ SW ☐ SE ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 215 780

Lease Name: SNYDER

Well No: 8-18 1409MH

Well will be 215 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

DONNA AND CHARLES EISENHOUR
2605 RIDGECREST DRIVE
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: 557482

Location Exception Orders: 686176

Increased Density Orders: 684357

686178

Pending CD Numbers:

Special Orders:

Total Depth: 15735

Ground Elevation: 1446

Surface Casing: 410

Depth to base of Treatable Water-Bearing FM: 360

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: 5000 Average: 3000

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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

PERMIT NO: 18-35851

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 18 Twp 14N Rge 9W County CANADIAN

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 400

Depth of Deviation: 9980

Radius of Turn: 1000

Direction: 5

Total Length: 5064

Measured Total Depth: 15735

True Vertical Depth: 10980

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

Notes:

Category

Description

EXCEPTION TO RULE - 686178

11/21/2018 - G56 - (I.O.) 18 & 19-14N-9W
X165:10-3-28(C)(2)(B) MSSSD MAY BE CLOSER THAN 600' FROM THE MOORE 2-18,
KRITTENBRINK 1-19 AND PROPOSED WELLS
TRIUMPH ENERGY PARTNERS, LLC
11/6/2018

HYDRAULIC FRACTURING

11/19/2018 - 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

INCREASED DENSITY - 684357

11/21/2018 - G56 - 18-14N-9W
X557482 MSSSD
8 WELLS
TRIUMPH ENERGY PARTNERS, LLC
10/4/2018

INTERMEDIATE CASING

11/19/2018 - 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

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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.

017 25331 SNYDER 8-18 1409MH

Category	Description
LOCATION EXCEPTION - 686176	11/21/2018 - G56 - (I.O.) 18-14N-9W X557482 MSSSD COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 330' FEL TRIUMPH ENERGY PARTNERS, LLC 11/6/2018
MEMO	11/19/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PUBLIC WATER SUPPLY WELLS	11/19/2018 - G71 - OKARCHE RWD - 2 PWS/WPA, SW/4 8-14N-9W
SPACING - 557482	11/21/2018 - G56 - (640) 18-14N-9W EXT OTHERS EXT 526319 MSSSD, MNNG, CSTR, OTHERS

WELL LOCATION PLAT

CERTIFICATE
 THE ABOVE PLAT WAS PREPARED FROM FIELD
 SURVEYS MADE BY ME OR UNDER MY SUPERVISION
 AND IS TRUE AND CORRECT TO THE BEST OF MY
 KNOWLEDGE.
 S. J. JUSTIN
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 1822
 STATE OF OKLAHOMA