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

API NUMBER: 017 25379 A

Approval Date: 01/25/2019
Expiration Date: 07/25/2020

Horizontal Hole Oil & Gas
Multi Unit

Amend reason: UPDATE SHL & BHL

AMEND PERMIT TO DRILL

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

SPOT LOCATION: SW SW SE SW FEET FROM QUARTER: FROM **SOUTH** FROM **WEST**
SECTION LINES: **210** **1330**

Lease Name: SNYDER 4-19-18 **Well No: 1409MHX** **Well will be 210 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, 686183

Location Exception Orders: 686184, 686178

Increased Density Orders: 684359, 684357

Pending CD Numbers:

Special Orders:

Total Depth: 20989 Ground Elevation: 1393 **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

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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35847
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? 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 NE NE NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 2309

Depth of Deviation: 10517

Radius of Turn: 382

Direction: 5

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	12/19/2019 - G56 - (I.O.) 19 & 18-14N-9W X165:10-3-28(C)(2)(B) MSSSD (SNYDER 4-19-18 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; 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	12/19/2019 - G56 - 18-14N-9W X557482 MSSSD 8 WELLS TRIUMPH ENERGY PARTNERS, LLC 10/4/2018
INCREASED DENSITY - 684359	12/19/2019 - G56 - 19-14N-9W X557473 MSSSD 6 WELLS TRIUMPH ENERGY PARTNERS, LLC 10/4/2018

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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.

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 - 686184	12/19/2019 - G56 - (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 1500' FWL COMPL. INT. (18-14N-9W) NCT 0' FSL, NCT 165' FNL, NCT 1500' 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, 2 PWS/WPA, NE/4 24-14N-10W
SPACING - 557473	12/19/2019 - G56 - (640) 19-14N-9W EST OTHER EXT OTHER EXT 526319 MSSSD, OTHERS
SPACING - 557482	12/19/2019 - G56 - (640) 18-14N-9W EXT OTHERS EXT 526319 MSSSD, OTHERS
SPACING - 686183	12/19/2019 - G56 - (I.O.) 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

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