

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

API NUMBER: 011 24007

Approval Date: 05/02/2018
Expiration Date: 11/02/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 17N Rge: 12W County: BLAINE
SPOT LOCATION: SW SE SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 233 550

Lease Name: MCPHERSON 1-33-28 Well No: 1712MHX Well will be 233 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

GARY L. & LINDA L. MCPHERSON
253502 EAST 770 ROAD
WATONGA OK 73772

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	10260	6
2			7
3			8
4			9
5			10

Spacing Orders: 497775
657660
673498

Location Exception Orders: 676263

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 20175

Ground Elevation: 1508

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 100

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: 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? 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 ALLUVIAL

Pit Location Formation: ALLUVIUM

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

PERMIT NO: 17-33578

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 28 Twp 17N Rge 12W County BLAINE

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 400

Depth of Deviation: 9350

Radius of Turn: 382

Direction: 5

Total Length: 10224

Measured Total Depth: 20175

True Vertical Depth: 10260

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category

Description

DEEP SURFACE CASING

4/20/2018 - 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

4/20/2018 - 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

INTERMEDIATE CASING

4/20/2018 - 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

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

Category	Description
LOCATION EXCEPTION - 676263	5/1/2018 - G57 - (I.O.) 33 & 28-17N-12W X497775 MSSP 33-17N-12W X657660 MSSP 28-17N-12W SHL (33-17N-12W) NCT 0' FSL, NCT 0' FEL COMPL. INT. (33-17N-12W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (28-17N-12W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL TRIUMPH ENERGY PARTNERS, LLC. 4-13-2018
MEMO	4/20/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - NORTH CANADIAN RIVER), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 497775	5/1/2018 - G57 - (640) 33-17N-12W EXT OTHERS EST MSSP, OTHER
SPACING - 657660	5/1/2018 - G57 - (640) 28-17N-12W VAC 478340 CSTR, MRMC, OTHERS EXT OTHERS EST MSSP
SPACING - 673498	5/1/2018 - G57 - (I.O.) 33 & 28 -17N-12W EST MULTIUNIT HORIZONTAL WELL X497775 MSSP 33-17N-12W X657660 MSSP 28-17N-12W 50% 33-17N-12W 50% 28-17N-12W TRIUMPH ENERGY PARTNERS, LLC. 2-12-2018

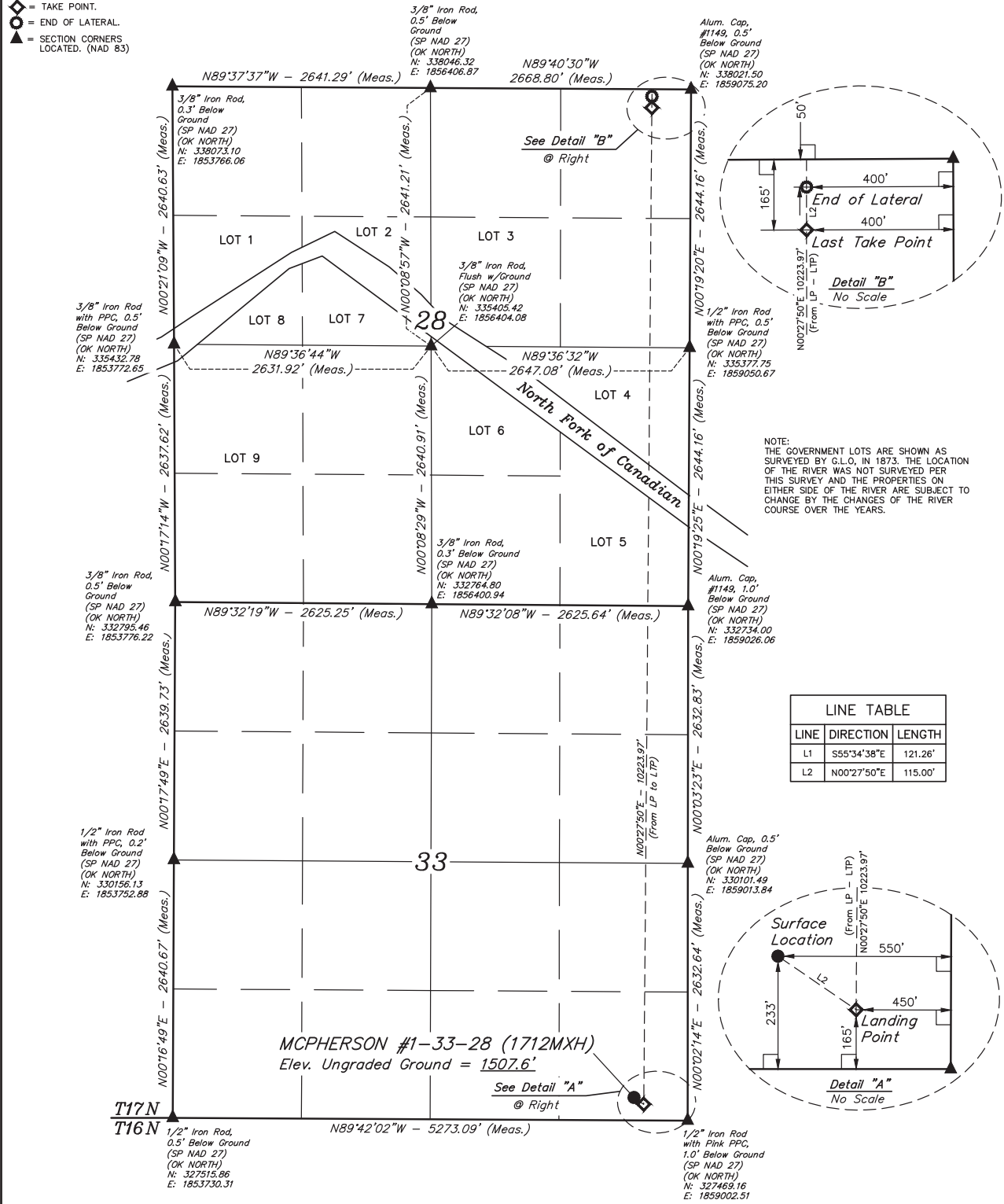
This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

LEGEND:

- = 90° SYMBOL
- ◆ = PROPOSED WELLHEAD.
- = TAKE POINT.
- = END OF LATERAL.
- ▲ = SECTION CORNERS LOCATED. (NAD 83)

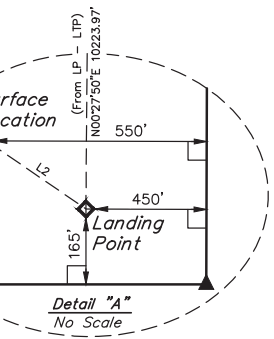
T17N, R12W, I.M.

API: 011 24007



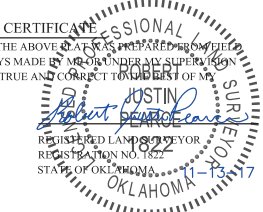
NOTE: THE GOVERNMENT LOTS ARE SHOWN AS SURVEYED BY G.L.O. IN 1873. THE LOCATION OF THE RIVER WAS NOT SURVEYED PER THIS SURVEY AND THE PROPERTIES ON EITHER SIDE OF THE RIVER ARE SUBJECT TO CHANGE BY THE CHANGES OF THE RIVER COURSE OVER THE YEARS.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S55°34'38"E	121.26'
L2	N00°27'50"E	115.00'



NAD 83 (SURFACE LOCATION)	NAD 83 (END OF LATERAL)
LATITUDE = 35°53'57.70" (35.899361)	LATITUDE = 35°53'59.26" (35.927572)
LONGITUDE = -98°28'41.74" (98.478260)	LONGITUDE = -98°28'39.66" (98.477684)
NAD 27 (SURFACE LOCATION)	NAD 27 (END OF LATERAL)
LATITUDE = 35°53'57.55" (35.899319)	LATITUDE = 35°53'59.11" (35.927531)
LONGITUDE = -98°28'40.46" (98.477906)	LONGITUDE = -98°28'38.39" (98.477330)
STATE PLANE NAD 83 (OK. NORTH)	STATE PLANE NAD 83 (OK. NORTH)
N: 327731.57 E: 1826852.06	N: 337999.75 E: 1827073.19
STATE PLANE NAD 27 (OK. NORTH)	STATE PLANE NAD 27 (OK. NORTH)
N: 327707.04 E: 1858453.52	N: 337975.23 E: 1858674.81

THIS IS TO CERTIFY THAT THE ABOVE DATA WAS PREPARED FROM THE NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



UWELLS, LLC
 Corporate Office * 85 South 200 East
 Vernal, UT 84078 * (435) 789-1017

UWELLS, LLC
 ENGINEERING & LAND SURVEYING



TRIUMPH ENERGY PARTNERS, LLC
 MCPHERSON #1-33-28 (1712MXH)
 233' FSL & 550' FEL
 SE 1/4 SE 1/4, SECTION 33, T17N, R12W, I.M.
 BLAINE COUNTY, OKLAHOMA

SURVEYED BY	J.P.	11-08-17	SCALE
DRAWN BY	D.COX	11-13-17	1" = 1000'

WELL LOCATION PLAT