

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

API NUMBER: 011 23877

Approval Date: 11/08/2017

Expiration Date: 05/08/2018

Straight Hole

Stratigraphic Test

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 14N Rge: 11W

County: BLAINE

SPOT LOCATION: ☐ NW ☐ NW ☐ NW ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 270 2567

Lease Name: GREENFIELD 1-4-33

Well No: 1411MHX

Well will be 270 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

DOYLE R. & ROSEMARY A. NEELY, TRUSTEES
ROUTE 2, BOX 51
GEARY OK 73040

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	11550	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 12000

Ground Elevation: 1484

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 40

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: DOG CREEK

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

PERMIT NO: 17-33386

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: DOG CREEK

Notes:

Category

Description

DEEP SURFACE CASING

11/7/2017 - 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

INTERMEDIATE CASING

11/7/2017 - 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

MEMO

11/7/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING

11/8/2017 - G57 - NA - STRATIGRAPHIC TEST

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

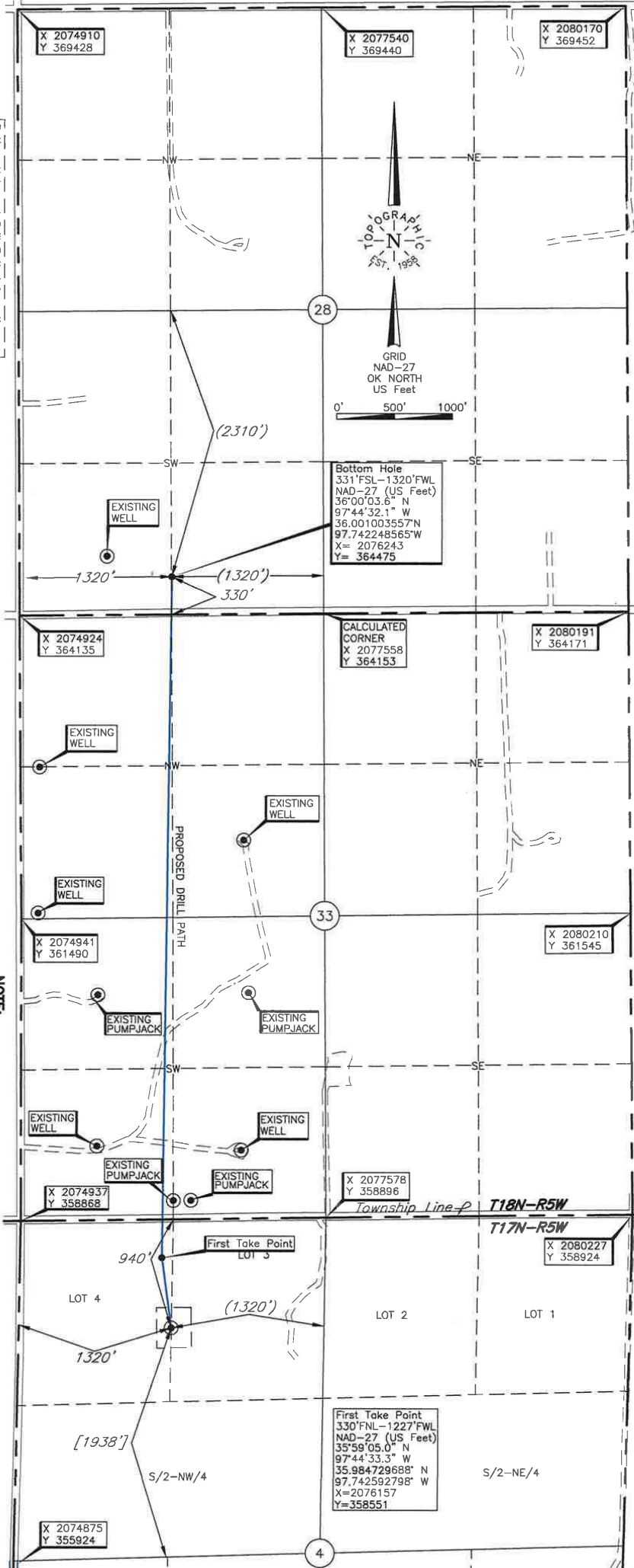
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011 23877 GREENFIELD 1-4-33 1411MHX

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219
KINGFISHER Certificate of Authorization No. 1233 LS
Section 4 Township 17N Range 5W I.M.

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA



[Bottom Hole and Drill Path Information
Provided by operator listed, NOT Surveyed.]

Operator: HINKLE OIL & GAS

Lease Name: LNU

Well No.: 83-2HO

Topography & Vegetation Loc. fell in rolling grass pasture

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From North of county road

Distance & Direction from Hwy Jet or Town From Dover, Ok, go ±9.5 mi. East to the NW Cor. of Sec. 4-T17N-R5W

ELEVATION:

1116' Gr. at Stake

The information shown herein is for
construction purposes ONLY.

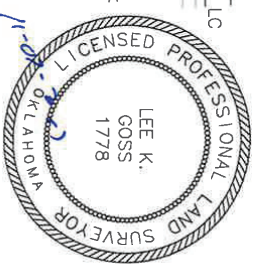
DATUM: NAD-27
LAT: 35°58'59.0"N
LONG: 97°44'32.4"W
LAT: 35.983055426° N
LONG: 97.742327469° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 2076237
Y: 357941

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

CERTIFICATE:

I, Lee K. Goss, on Oklahoma
Licensed Land Surveyor and an authorized agent
of Topographic Land Surveyors of Oklahoma, do
hereby certify to the information shown herein.

Oklahoma Lic. No. 1778



Revision ☒ B Date of Drawing: Nov. 07, 2017
Invoice # 234471 Date Staked: Nov. 14, 2014 LC