

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

API NUMBER: 049 25178

Approval Date: 12/29/2017

Expiration Date: 06/29/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 4N Rge: 4W

County: GARVIN

SPOT LOCATION: ☐ SW ☐ NW ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 353 225

Lease Name: GRIZZLY

Well No: 1-4-33WXH

Well will be 225 feet from nearest unit or lease boundary.

Operator Name: CASILLAS OPERATING LLC

Telephone: 9185825310

OTC/OCC Number: 23838 0

CASILLAS OPERATING LLC
PO BOX 3668
TULSA, OK 74101-3668

JOHN S. GEFFRE
208 NW 4TH
LINDSAY OK 73052

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

Name	Depth	Name	Depth
1 WOODFORD	9699	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 670216

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201605576
201701660
201701661

Special Orders:

Total Depth: 18900

Ground Elevation: 980

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 230

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? 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: 17-33320

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 33 Twp 5N Rge 4W County MCCLAIN

Spot Location of End Point: NW SE NW NW

Feet From: NORTH 1/4 Section Line: 1500

Feet From: WEST 1/4 Section Line: 890

Depth of Deviation: 9198

Radius of Turn: 583

Direction: 5

Total Length: 8786

Measured Total Depth: 18900

True Vertical Depth: 9699

End Point Location from Lease,
Unit, or Property Line: 1300

Notes:

Category

Description

DEEP SURFACE CASING

11/3/2017 - 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

HYDRAULIC FRACTURING

11/3/2017 - 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

MEMO

11/3/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201605576

12/27/2017 - G57 - (I.O.)(640)(HOR) 33-5N-4W
EST WDFD, OTHERS
POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL
(COEXIST SP. ORDER #347658, #355497)
REC 5-26-2017 (MCKEOWN)

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.

049 25178 GRIZZLY 1-4-33WXH

Category	Description
PENDING CD - 201701660	<p>12/27/2017 - G57 - (I.O.) 4-4N-4W, 33-5N-4W EST MULTIUNIT HORIZONTAL WELL X670216 WDFD 4-4N-4W X201700489 WDFD 33-5N-4W** 55% 4-4N-4W 45% 33-5N-4W CASILLAS PETROLEUM RESOURCE PARTNERS, LLC. REC 8-24-2017 (JOHNSON)</p> <p>**S/B X201605576 WDFD 33-5N-4W; WILL BE CORRECTED AT HEARING FOR FINAL ORDER PER ATTORNEY FOR OPERATOR</p>
PENDING CD - 201701661	<p>12/27/2017 - G57 - (I.O.) X670216 WDFD 4-4N-4W X201700489 WDFD 33-5N-4W** X165:10-3-28(C)(2) BURNS A 2-33 & BURNS A-3 COMPL. INT. (4-4N-4W) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (33-5N-4W) NCT 0' FSL, NCT 1000' FNL, NCT 330' FWL NO OP. NAMED REC 8-24-2017 (JOHNSON)</p> <p>**S/B X201605576 WDFD 33-5N-4W; WILL BE CORRECTED AT HEARING FOR FINAL ORDER PER ATTORNEY FOR OPERATOR</p>
SPACING - 670216	<p>12/11/2017 - G57 - (640)(HOR) 4-4N-4W EXT 656410 WDFD, OTHERS POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST SP. ORDER #372642, OTHERS)</p>
SURFACE CASING	<p>11/3/2017 - G71 - MIN. 300' PER ORDER 27667</p>
WATERSHED STRUCTURE	<p>11/3/2017 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 238-7233 PRIOR TO DRILLING</p>

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

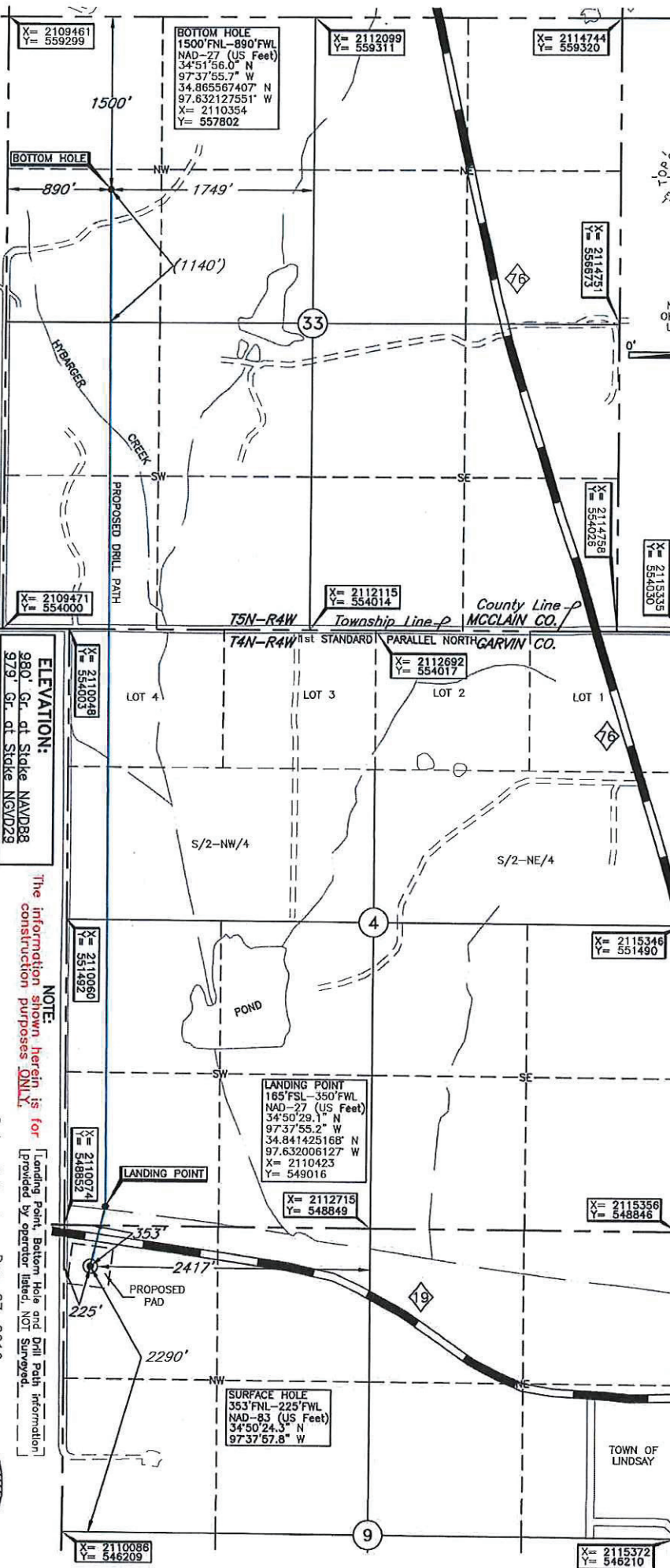
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 • LOCAL (405) 842-4847 • OUT OF STATE (800) 654-3219

GARVIN Certificate of Authorization No. 1293 LS

County, Oklahoma

Range 4W, 1.M.

Distances shown in (parenthesis) are calculated based upon the quarter section being 2640 feet (those shown in brackets) are based on GLO (General Land Office) distances and have NOT been measured on the ground.



NOTE: The information shown herein is for [Landing Point, Bottom Hole and Drill Path information] provided by operator [Name], NOT Surveyed.

Date of Drawing: Dec. 27, 2016

Invoice # 269142 Date Staked: Dec. 19, 2016

CERTIFICATE:

I, Lee K. Goss, an 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



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

Operator: CASILLAS PETROLEUM CORPORATION
 Lease Name: GRIZZLY
 Topography & Vegetation: Loc. fell in level crop field
 Good Drill Site? Yes
 Best Accessibility to Location: From North of St. Hwy. 19
 Distance & Direction from Hwy Jet or Town: From Jct. St. Hwy. 76 N. and St. Hwy. 19 E-W in Lindsay, OK.
 go ±1.0 mi. West to the approximate NW Cor. of Sec. 9-T4N-R4W

Well No.: 1-4-33WXH

Reference Stakes or Alternate Location

Stakes Set: None

Best Accessibility to Location: From North of St. Hwy. 19

Distance & Direction from Hwy Jet or Town: From Jct. St. Hwy. 76 N. and St. Hwy. 19 E-W in Lindsay, OK.

go ±1.0 mi. West to the approximate NW Cor. of Sec. 9-T4N-R4W

Topography & Vegetation: Loc. fell in level crop field

Lease Name: GRIZZLY

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