

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

API NUMBER: 049 25210

Approval Date: 07/17/2018

Expiration Date: 01/17/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 2N Rge: 3W

County: GARVIN

SPOT LOCATION: ☐ NE ☐ NW ☐ NE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 240 970

Lease Name: PACIFICO

Well No: 2-34-27MXH

Well will be 240 feet from nearest unit or lease boundary.

Operator Name: CASILLAS OPERATING LLC

Telephone: 9185825310

OTC/OCC Number: 23838 0

CASILLAS OPERATING LLC  
401 S BOSTON AVE STE 2400  
TULSA, OK 74103-4060

FLOYD LAND & CATTLE CO.  
116 E. MAIN ST.  
NORMAN OK 73069

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	9545	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 671018

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201804754  
201804755  
201805650

Special Orders:

Total Depth: 20188

Ground Elevation: 1268

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 480

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 BED AQUIFER

Pit Location Formation: DUNCAN

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

PERMIT NO: 18-34841

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 BED AQUIFER

Pit Location Formation: DUNCAN

## HORIZONTAL HOLE 1

Sec 27 Twp 3N Rge 3W County GARVIN

Spot Location of End Point: N2 N2 N2 NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 1320

Depth of Deviation: 9075

Radius of Turn: 573

Direction: 355

Total Length: 10213

Measured Total Depth: 20188

True Vertical Depth: 9545

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

### Notes:

#### Category

#### Description

DEEP SURFACE CASING

7/6/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

7/6/2018 - 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](http://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](http://FRACFOCUS.ORG)

MEMO

7/6/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201804754

7/17/2018 - G75 - (E.O.) 34 & 27-3N-3W  
EST MULTIUNIT HORIZONTAL WELL  
X671018 MSSP  
50% 34-3N-3W  
50% 27-3N-3W  
NO OP. NAMED  
REC. 7-6-2018 (DUNN, AFFIRMED BY MACGUIGAN 7-13-2018)

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

049 25210 PACIFICO 2-34-27MXH

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.

Category	Description
PENDING CD - 201804755	7/17/2018 - G75 - (E.O.) 34 & 27-3N-3W X671018 MSSP X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EXISTING WELLS COMPL. INT. (34-3N-3W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (27-3N-3W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL NO OP. NAMED REC. 7-6-2018 (DUNN, AFFIRMED BY MACGUIGAN 7-13-2018)
PENDING CD - 201805650	7/17/2018 - G75 - 34 & 27-3N-3W X671018 MSSP 1 WELL NO OP. NAMED HEARING 9-18-2018
SPACING - 671018	7/17/2018 - G75 - (640)(HOR) 34 & 27-3N-3W EST MSSP, OTHERS POE TO BHL NCT 660' FB (COEXIST SP. ORDER # 264858 SCMR 27-3N-3W; ORDER # 265029 SCMR NE4, ORDER # 273169 SCMR NW4, ORDER # 275203 SCMR W2 SE4, ORDER # 285222 SCMR E2 SE4 & ORDER # 306894 SCMR SW4 34-3N-3W)

API 049-25210

**TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA**

13600 WIRELESS WAY, OKLA. CITY, OKLA. 73134 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219

GARYIN Certificate of Authorization No. 1293 LS

County, Oklahoma

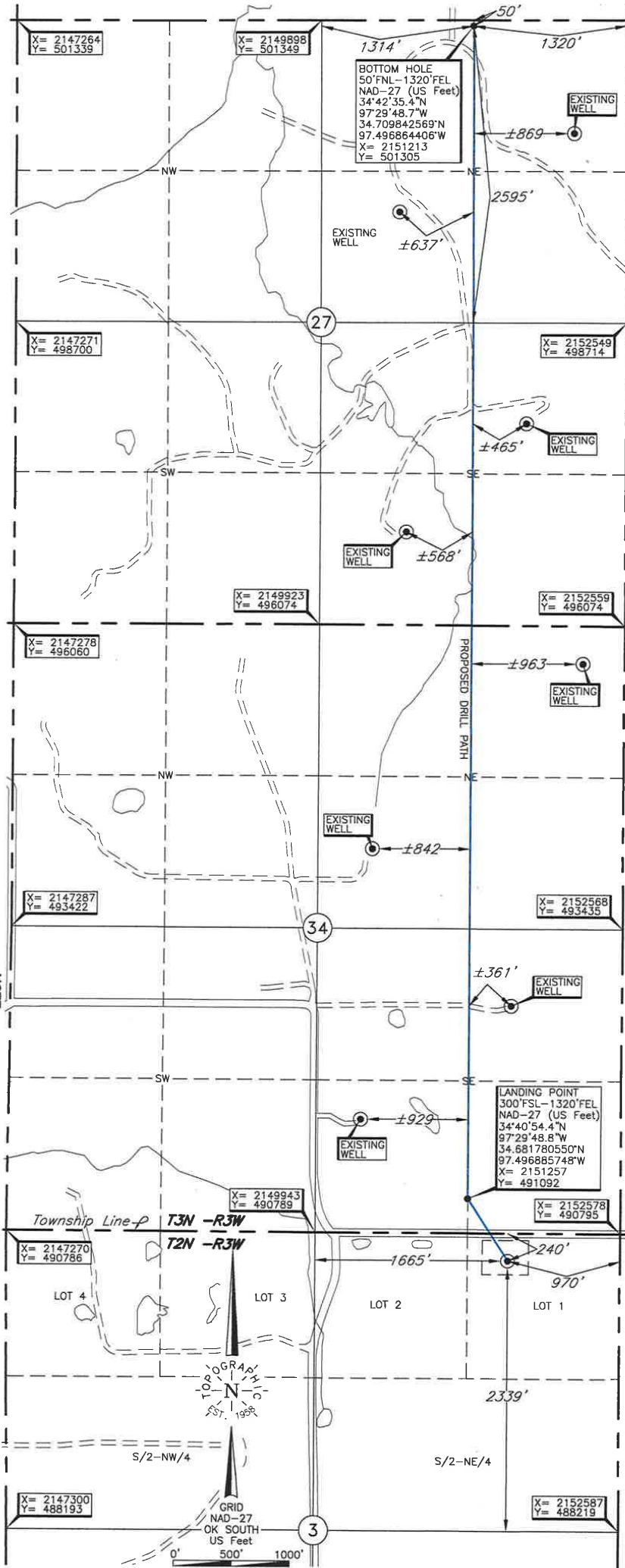
240 FNL-970' FEL

Section 3

Township 2N

Range 3W

I.M.



**ELEVATION:**

1268' Gr. at Sticks

**NOTE:** The information shown herein is for construction purposes ONLY.

Operator: CASILLAS OPERATING, LLC  
 Lease Name: PACIFICO  
 Well No.: 2-34-27 MXH

Topography & Vegetation Loc. fell in sloping brushy pasture; ±194' South of water line

Good Drill Site? Yes  
 Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From North off county road.

Distance & Direction From Hwy Jet or Town From the junction of St. Hwy. 76 South and St. Hwy. 29 E-W, go ±2 miles East on St. Hwy. 29, then ±4 miles North, then ±1 mile West to the NE Cor. of Sec. 3-12N-R3W.

DATUM: NAD-27  
 LAT: 34°40'49.1"N  
 LONG: 97°29'44.6"W  
 LAT: 34.680294044°N  
 LONG: 97.495723619°W  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: OK SOUTH  
 X: 2151609  
 Y: 490553

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

**CERTIFICATE:**

I, Thomas L. Howell, 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. 1433

Invoice # 293523 Date of Drawing: May 3, 2018  
 Date Staked: July 18, 2017

