

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

API NUMBER: 049 25278

Approval Date: 03/13/2019

Expiration Date: 09/13/2020

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 4N Rge: 4W

County: GARVIN

SPOT LOCATION: ☐ NE ☐ SE ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 383 1156

Lease Name: TITAN

Well No: 2-17-8MXH

Well will be 383 feet from nearest unit or lease boundary.

Operator CASILLAS OPERATING LLC
Name:

Telephone: 9185825310

OTC/OCC Number: 23838 0

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

SUZANNE LEWIS
110 BEAR PATH ROAD
GORDONVILLE TX 76245

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

Name	Depth	Name	Depth
1 SYCAMORE	10800	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 663577

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201900859
201900979
201900980
201900961
201900962

Special Orders:

Total Depth: 21335

Ground Elevation: 1042

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 BED AQUIFER

Pit Location Formation: DUNCAN

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

PERMIT NO: 19-36280

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 08 Twp 4N Rge 4W County GARVIN

Spot Location of End Point: NE NE NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1255

Depth of Deviation: 10423

Radius of Turn: 573

Direction: 1

Total Length: 10012

Measured Total Depth: 21335

True Vertical Depth: 11030

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

Notes:

Category

Description

DEEP SURFACE CASING

3/1/2019 - 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

3/1/2019 - 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

3/1/2019 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - WASHITA RIVER); PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

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 25278 TITAN 2-17-8MXH

Category	Description
PENDING CD - 201900859	<p>3/6/2019 - G75 - (640)(HOR) 17-4N-4W VAC 288462 SCMR SE4 ++ VAC OTHER VAC 384856 SCMR, OTHER NW4 EXT 665377 SCMR, OTHER ## POE TO BHL NCT 660' FB (COEXIST SP. ORDER # 288462 SCMR NE4 & ORDER # 349136 SCMR SW4) ** REC 3-5-2019 (JOHNSON)</p> <p>++ S/B DELETED (SEE MILLER 1-17, API 049-23525); TO BE CORRECTED IN ORDER SUBMITTED TO OCC FOR REVIEW PER ATTORNEY FOR OPERATOR</p> <p>## S/B EXT 663577 SCMR, OTHER; TO BE CORRECTED IN ORDER SUBMITTED TO OCC FOR REVIEW PER ATTORNEY FOR OPERATOR</p> <p>** S/B COEXIST 288462 SCMR E2 (SEE MILLER 1-17, API 049-23525) & ORDER # 349136 SCMR SW4; TO BE CORRECTED IN ORDER SUBMITTED TO OCC FOR REVIEW PER ATTORNEY FOR OPERATOR</p>
PENDING CD - 201900961	<p>3/6/2019 - G75 - 8-4N-4W X663577 SCMR 3 WELLS NO OP. NAMED HEARING 3-26-2019</p>
PENDING CD - 201900962	<p>3/6/2019 - G75 - 17-4N-4W X201900859 SCMR 2 WELLS NO OP. NAMED HEARING 3-26-2019</p>
PENDING CD - 201900979	<p>3/6/2019 - G75 - (E.O.) 17 & 8-4N-4W EST MULTIUNIT HORIZONTAL WELL X201900859 SCMR, OTHER 17-4N-4W X663577 SCMR, OTHER 8-4N-4W 50% 17-4N-4W 50% 8-4N-4W NO OP. NAMED REC 2-22-2019 (JOHNSON, AFFIRMED 3-11-2019 BY MACGUIGAN)</p>
PENDING CD - 201900980	<p>3/6/2019 - G75 - (E.O.) 17 & 8-4N-4W X201900859 SCMR 17-4N-4W X663577 SCMR 8-4N-4W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO CASON 2-8, MILLER B 1-8 & TRAMMELL 1-17 COMPL. INT. (17-4N-4W) NCT 165' FSL, NCT 0' FNL, NCT 1150' FWL COMPL. INT. (8-4N-4W) NCT 0' FSL, NCT 165' FNL, NCT 1150' FWL NO OP. NAMED REC 2-22-2019 (JOHNSON, AFFIRMED 3-11-2019 BY MACGUIGAN)</p>
SPACING - 663577	<p>3/6/2019 - G75 - (640)(HOR) 8-4N-4W EST SCMR EXT OTHER POE TO BHL NCT 660' FB (COEXIST SP ORDER # 172126 MYSCM N2; ORDER # 344902 SCMR SE4; ORDER # 360894 SCMR SW4)</p>
SURFACE CASING	<p>3/1/2019 - G71 - MIN. 300' PER ORDER # 27667</p>

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

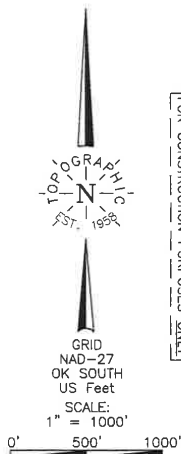
13800 Wireless Way, Okla. City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293 LS

API 049-25278

GARVIN

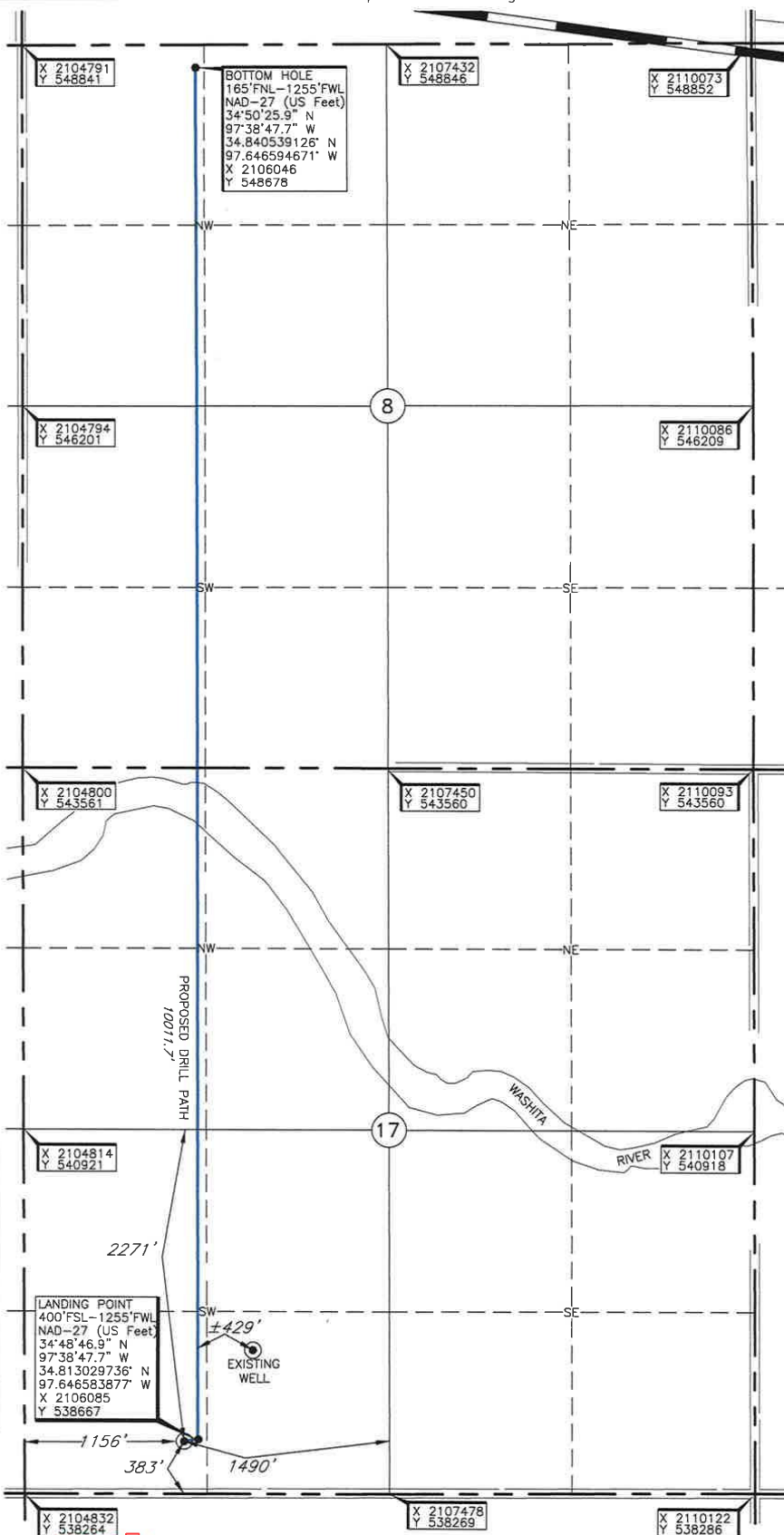
County, Oklahoma

383' FSL-1156' FWL Section 17 Township 4N Range 4W I.M.



LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION
[PROVIDED BY OPERATOR LISTED, NOT SURVEYED]

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY



Operator: CASILLAS OPERATING, LLC

TITAN

Well No.: 2-17-8MXH

ELEVATION:
1042' Gr. at Stake

Topography & Vegetation Loc. fell on currently under constructed pad.

Good Drill Site? YES

Reference Stakes or Alternate Location
Stakes Set NONE

Best Accessibility to Location: From the South off county road.
Distance & Direction
from Hwy Jct or Town: From Erin Spring, OK, go West 2.5 mi. to the SW Cor. Sec. 17-T4N-R4W.

Information was gathered with a GPS receiver with 100' ± accuracy.

DATUM: NAD-27
LAT: 34°48'46.7" N
LONG: 97°38'48.9" W
LAT: 34.812983463° N
LONG: 97.646913825° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2105986
Y: 538649

Revision ☒ A Date of Drawing: Feb. 14, 2019
Project # 123826A Date Staked: Feb. 13, 2019 ST

CERTIFICATE:

I, Thomas L. Howell, an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.

Thomas L. Howell
Oklahoma Lic. No. 1433

