

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

API NUMBER: 049 25271

Approval Date: 03/13/2019
Expiration Date: 09/13/2020

Horizontal Hole Oil & Gas
Multi Unit

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: 368 1156

Lease Name: PAPPY Well No: 2-17-8WXH Well will be 368 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

SUZANNE LEWIS
110 BEAR PATH ROAD
GORDONVILLE TX 76245

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

Name	Depth	Name	Depth
1 WOODFORD	11079	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 663577

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201900859
201900969
201900970
201900964
201900965

Special Orders:

Total Depth: 21500 Ground Elevation: 1043 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

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

Approved Method for disposal of Drilling Fluids:

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: NW NE NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 845

Depth of Deviation: 10588

Radius of Turn: 573

Direction: 355

Total Length: 10012

Measured Total Depth: 21500

True Vertical Depth: 11079

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

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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
PENDING CD - 201900859	<p>3/6/2019 - G75 - (640)(HOR) 17-4N-4W VAC OTHER VAC 288462 WDFD E2 ++ VAC 384856 WDFD, OTHER NW4 EXT 665377 WDFD, OTHER ## POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST SP. ORDER # 349136 WDFD SW4) ** REC 3-5-2019 (JOHNSON)</p> <p>++ S/B VAC 288462 WDFD NE4 (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 665377 WDFD, OTHER; TO BE CORRECTED IN ORDER SUBMITTED TO OCC FOR REVIEW PER ATTORNEY FOR OPERATOR</p> <p>** SHOULD INCLUDE COEXIST 288462 WDFD SE4 (SEE MILLER 1-17, API 049-23525); TO BE CORRECTED IN ORDER SUBMITTED TO OCC FOR REVIEW PER ATTORNEY FOR OPERATOR</p>
PENDING CD - 201900964	<p>3/6/2019 - G75 - 8-4N-4W X663577 WDFD 4 WELLS NO OP. NAMED HEARING 3-26-2019</p>
PENDING CD - 201900965	<p>3/6/2019 - G75 - 17-4N-4W X201900859 WDFD 4 WELLS NO OP. NAMED HEARING 3-26-2019</p>
PENDING CD - 201900969	<p>3/6/2019 - G75 - (E.O.) 17 & 8-4N-4W EST MULTIUNIT HORIZONTAL WELL X201900859 WDFD, OTHER 17-4N-4W X663577 WDFD, 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 - 201900970	<p>3/6/2019 - G75 - (E.O.) 17 & 8-4N-4W X201900859 WDFD 17-4N-4W X663577 WDFD 8-4N-4W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO CASON 2-8, MILLER B 1-8, PAPPY 1-17-8WXH & PAPPY 3-17-8WXH COMPL. INT. (17-4N-4W) NCT 165' FSL, NCT 0' FNL, NCT 750' FWL COMPL. INT. (8-4N-4W) NCT 0' FSL, NCT 165' FNL, NCT 750' 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 OTHER EXT 642202 WDFD POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST SP ORDER # 172126, WDFD N2; ORDER # 344902 WDFD SE4; ORDER # 360894 WDFD SW4)</p>
SURFACE CASING	<p>3/1/2019 - G71 - MIN. 300' PER ORDER # 27667</p>

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.

TOPOGRAPHIC LAND SURVEYS OF OKLAHOMA

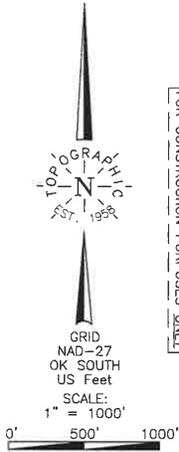
13800 Wireless Way, Okla. City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. 1293 LS

API 049-25271

GARVIN

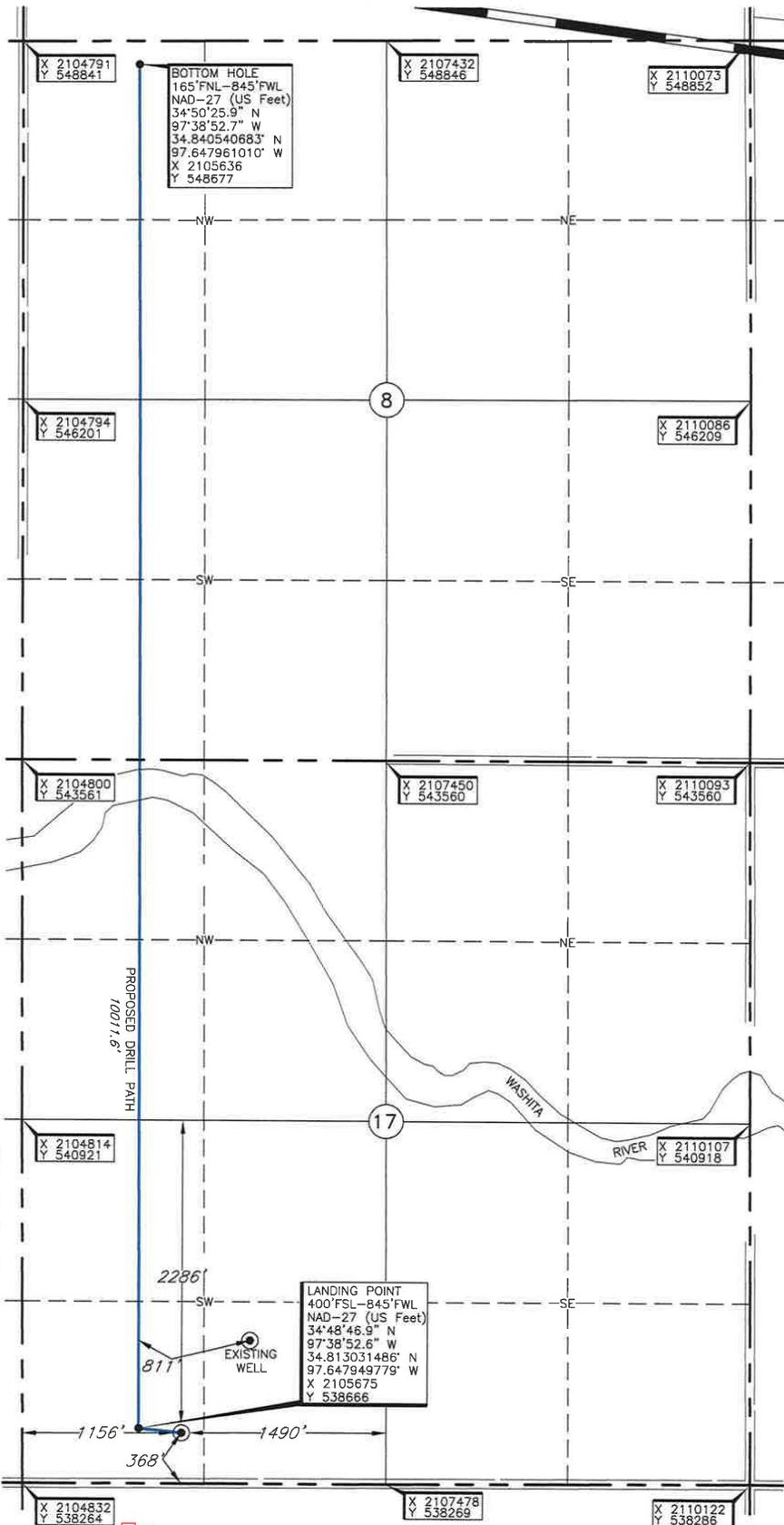
County, Oklahoma

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



THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

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



Operator: CASILLAS OPERATING, LLC

PAPPY

Well No.: 2-17-BWXH

ELEVATION: 1043' 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.

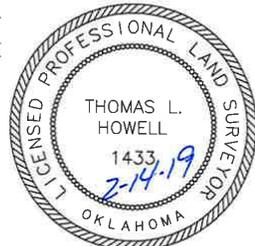
Distance & Direction from Hwy Jct or Town From Erin Spring, OK, go West 2.5 mi. to the SW Cor. Sec. 17-T4N-R4W.

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

CERTIFICATE:

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

Thomas L. Howell
 Oklahoma Lic. No. 1433



DATUM: NAD-27
 LAT: 34°48'46.6" N
 LONG: 97°38'48.9" W
 LAT: 34.812942364° N
 LONG: 97.646913690° W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK SOUTH
 X: 2105986
 Y: 538634

This information was gathered with a GPS receiver with 100' Horiz./Vert. accuracy.