

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

API NUMBER: 049 25273

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: ☐ SW ☐ NE ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 760 2092

Lease Name: PAPPY

Well No: 4-17-8WXH

Well will be 760 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 WOODFORD	10942	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 663577

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201900859
201900973
201900974
201900964
201900965

Special Orders:

Total Depth: 18692

Ground Elevation: 1009

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 220

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: 19-36302

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 08 Twp 4N Rge 4W County GARVIN

Spot Location of End Point: E2 W2 E2 W2

Feet From: NORTH 1/4 Section Line: 2640

Feet From: WEST 1/4 Section Line: 1870

Depth of Deviation: 10255

Radius of Turn: 573

Direction: 355

Total Length: 7537

Measured Total Depth: 18692

True Vertical Depth: 10942

End Point Location from Lease,
Unit, or Property Line: 1870

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.

049 25273 PAPPY 4-17-8WXH

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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 - 201900973	<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 66% 17-4N-4W 34% 8-4N-4W NO OP. NAMED REC 2-22-2019 (JOHNSON, AFFIRMED 3-11-2019 BY MACGUIGAN)</p>
PENDING CD - 201900974	<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 MILLER B 1-8, TRAMMELL 1-17, PAPPY 3-17-8WXH & PAPPY 5-17-8WXH COMPL. INT. (17-4N-4W) NCT 165' FSL, NCT 0' FNL, NCT 1750' FWL COMPL. INT. (8-4N-4W) NCT 0' FSL, NCT 1320' FNL, NCT 1750' 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.

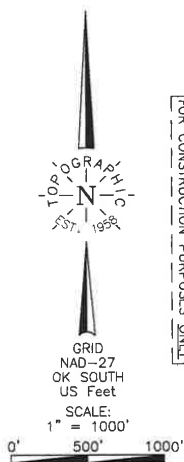
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

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.

GARVIN

County, Oklahoma

760' FSL-2092' 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.]X 2104791
Y 548841X 2107432
Y 548846X 2110073
Y 548852X 2104794
Y 546201

BOTTOM HOLE
2640' FNL-1870' FWL
NAD-27 (US Feet)
34°50'01.5" N
97°38'40.4" W
34.833736167" N
97.644564258" W
X 2106664
Y 546205

X 2110086
Y 546209X 2104800
Y 543561X 2107450
Y 543560X 2110093
Y 543560X 2104814
Y 540921X 2110107
Y 540918X 2104832
Y 538264X 2107478
Y 538269X 2110122
Y 538266

Operator: CASILLAS OPERATING, LLC

PAPPY

Well No.: 4-17-BWXH

ELEVATION:

1009' Gr. at Stake

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

Good Drill Site? YES

Reference Stakes or Alternate Location
Stakes Set NONEBest Accessibility to Location From the South off county road.
Distance & Direction
from Hwy Jet or Town From Erin Spring, OK, go West 2.5 mi. to the SW Cor. Sec. 17-T4N-RAW.

Date of Drawing: Feb. 07, 2019

Project # 123830

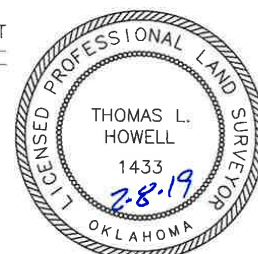
Date Staked: Feb. 07, 2019

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



DATUM: NAD-27
LAT: 34°48'50.5" N
LONG: 97°38'37.7" W
LAT: 34.814015032° N
LONG: 97.643799504° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2106919
Y: 539028