

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

API NUMBER: 049 25197 A

Approval Date: 05/03/2018

Expiration Date: 11/03/2018

Horizontal Hole Oil & Gas

Amend reason: SHL

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 3N Rge: 4W

County: GARVIN

SPOT LOCATION:  NW  NW  NW  NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 170 270

Lease Name: BUD

Well No: 1-12-1WXH

Well will be 170 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

MARY F. ENGLISH  
14387 E. COUNTY ROAD 1575  
LINDSAY OK 73052

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	9326	6	
2	WOODFORD	9586	7	
3	HUNTON	9786	8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201705053  
201705341  
201705342

Special Orders:

Total Depth: 20066

Ground Elevation: 1162

**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: 6000 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: 18-34137

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 01 Twp 3N Rge 4W County GARVIN

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 380

Depth of Deviation: 9205

Radius of Turn: 573

Direction: 5

Total Length: 9960

Measured Total Depth: 20066

True Vertical Depth: 9786

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

### Notes:

#### Category

#### Description

#### DEEP SURFACE CASING

4/19/2018 - 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

4/19/2018 - 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

4/19/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

#### PENDING CD - 201705053

4/26/2018 - G57 - (640)(HOR) 1 & 12-3N-4W  
EXT 660070 MSSP, WDFD, HNTN  
POE TO BHL (MSSP, HNTN) NCT 660' FB  
POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL  
(COEXIST WITH SP. 343360 SCMR, HNTN, WDFD SW4 1, SP. 346248 SCMR, WDFD, HNTN E2 1, SP. 347970 SCMR, HNTN NW4 1 & SP. 348687 SCMR, WDFD, HNTN NE4 12, SP. 345241 SCMR, WDFD, HNTN SE4 12, SP. 349600 SCMR, WDFD, HNTN W2 12)  
REC 4-11-2018 (DUNN)

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

049 25197 BUD 1-12-1WXH

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.

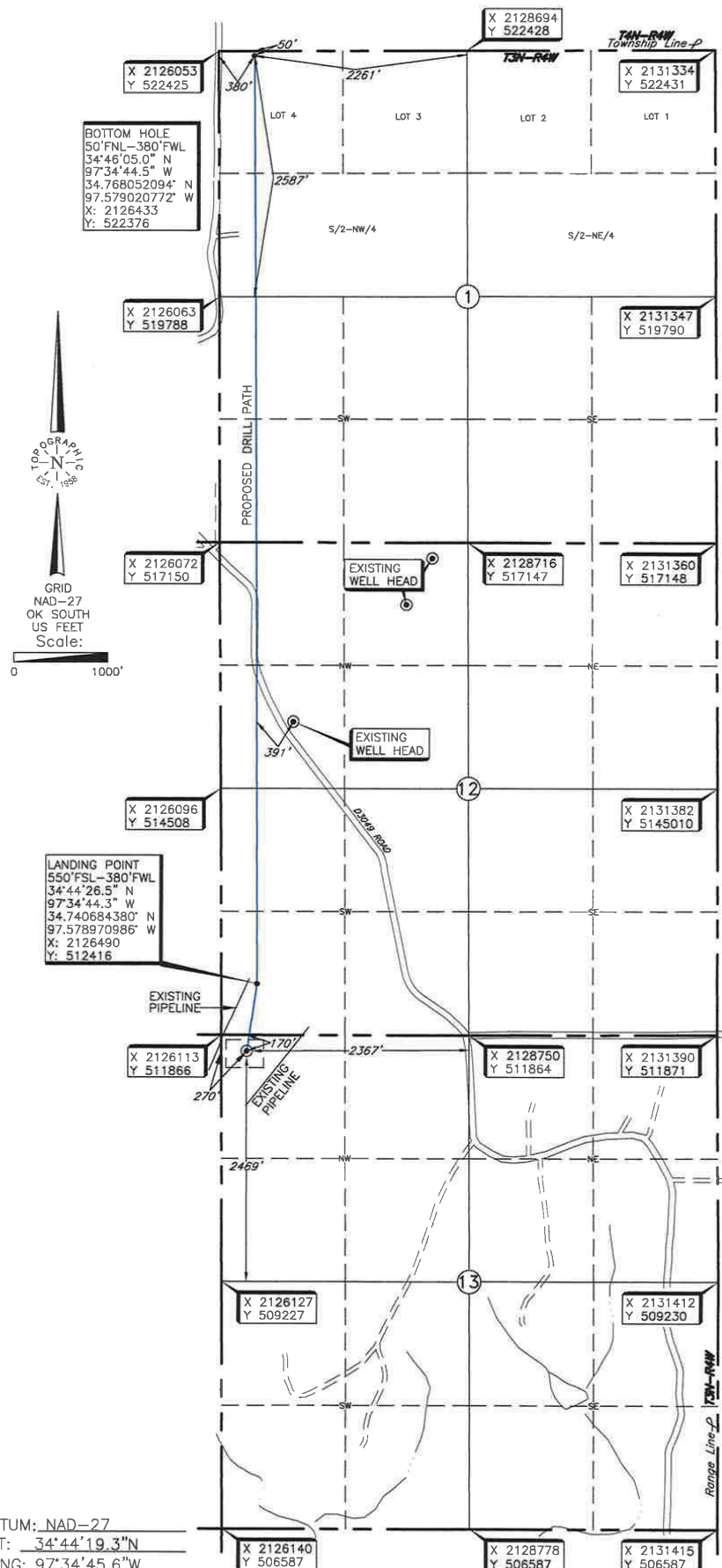
Category	Description
PENDING CD - 201705341	4/26/2018 - G57 - (I.O.) 12 & 1-3N-4W EST A MULTIUNIT HORIZONTAL WELL X201705053 MSSP, WDFD, HNTN (MSSP, HNTN ARE ADJACENT COMMON SOURCES OF SUPPLY TO THE WDFD) 50% 12-3N-4W 50% 1-3N-4W CASILLAS PETROLEUM RESOURCE PARTNER, LLC. REC 4-11-2018 (DUNN)
PENDING CD - 201705342	4/26/2018 - G57 - (I.O.) 12 & 1-3N-4W X201705053 MSSP, WDFD, HNTN COMPL. INT. (12-3N-4W) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (1-3N-4W) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL NO OP. NAMED REC 4-11-2018 (DUNN)
SURFACE CASING	4/19/2018 - G71 - MIN. 300' PER ORDER 27640

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.

170° FNL-270° FWL Section 13 Township 3N Range 4W I.M.

Operator: CASILLAS OPERATING, LLC  
Lease Name: BUD  
Topography & Vegetation Location fell in very heavy brush,  $\pm 291'$  SE &  $\pm 361'$  NW of existing pipelines,  $\pm 255'$  North of existing E-W pipeline,  $\pm 161'$  S. of E-W fence.  
Reference Stakes or Alternate Location  
Stakes Set None  
Good Drill Site? Yes  
Best Accessibility to Location From county road D3049 at the N/4 Corner.  
Distance & Direction from Hwy Jct or Town From Lindsay, Ok., go south on St. Hwy. 76 for  $\pm 5.5$  miles, then east  $\pm 0.7$  miles, then SE on county road D3049  $\pm 1.4$  miles to the North Line of Section 13, T3N-R4W.

Well No.: 1-12-1WVH  
ELEVATION:  
1160' Gr. at Stake



Invoice # 290766 Date of Drawing: Mar. 22, 2018  
Date Staked: Mar. 20, 2018 JGW

**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.

Oklahoma Lic. No. 1433



DATUM: NAD-27  
LAT: 34°44'19.3"N  
LONG: 97°34'45.6"W  
LAT: 34.738707463°N  
LONG: 97.579332586°W  
STATE PLANE  
COORDINATES (US FEET):  
ZONE: OK SOUTH  
X: 2126384  
Y: 511696

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

This information was gathered with a GPS receiver with  $\pm 1$  foot Horiz./Vert. accuracy.

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.