

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

API NUMBER: 087 22089 A

Approval Date: 11/13/2017  
Expiration Date: 05/13/2018

Horizontal Hole Oil & Gas

Amend reason: AMEND SHL 16 FEET

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 6N Rge: 4W

County: MCCLAIN

SPOT LOCATION:  NW  NW  NW  NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 174 179

Lease Name: COOP

Well No: 1-33-4WXH

Well will be 174 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

DICK & SANDRA VINSON  
14802 180TH ST.  
LINDSAY OK 73052

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

Name	Depth	Name	Depth
1 WOODFORD	10918	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 669738  
664054  
674533

Location Exception Orders: 676487

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 22300

Ground Elevation: 1169

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 380

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: 17-33370

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 04 Twp 5N Rge 4W County MCCLAIN

Spot Location of End Point: W2 E2 E2 SE

Feet From: SOUTH 1/4 Section Line: 1320

Feet From: EAST 1/4 Section Line: 380

Depth of Deviation: 11687

Radius of Turn: 950

Direction: 185

Total Length: 9121

Measured Total Depth: 22300

True Vertical Depth: 12100

End Point Location from Lease,  
Unit, or Property Line: 380

Notes:

Category

Description

DEEP SURFACE CASING

11/3/2017 - 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

LOCATION EXCEPTION - 676487

11/9/2017 - G57 - (I.O.) 33-6N-4W & 4-5N-4W  
X664054 33-6N-4W WDFD, OTHERS  
X669738 4-5N-4W WDFD, OTHERS  
COMPL. INT. (33-6N-4W) NCT 165' FNL, NCT 0' FSL, NCT 330' FEL  
COMPL. INT. (4-5N-4W) NCT 0' FNL, NCT 660' FSL, NCT 330' FEL  
CASILLAS OPERATING, LLC.  
4-19-2018

MEMO

11/3/2017 - 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

11/3/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED 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.

Category	Description
SPACING - 664054	11/8/2017 - G57 - (640)(HOR) 33-6N-4W EXT 626773 WDFD, OTHERS POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL
SPACING - 669738	11/9/2017 - G57 - (640)(HOR) 4-5N-4W VAC 604335 WDFD, OTHER EXT 660924 WDFD, OTHER EST OTHER POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL
SPACING - 674533	11/9/2017 - G57 - (I.O.) 33-6N-4W & 4-5N-4W EST MULTIUNIT HORIZONTAL WELL X664054 33-6N-4W WDFD, OTHERS X669738 4-5N-4W WDFD, OTHERS 65% 33-6N-4W 35% 4-5N-4W CASILLAS OPERATING, LLC. 3-12-2018

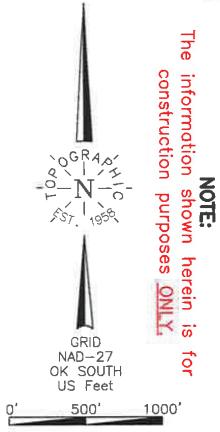
This permit does not address the right of entry or settlement of surface damages.  
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.  
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

**TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA**

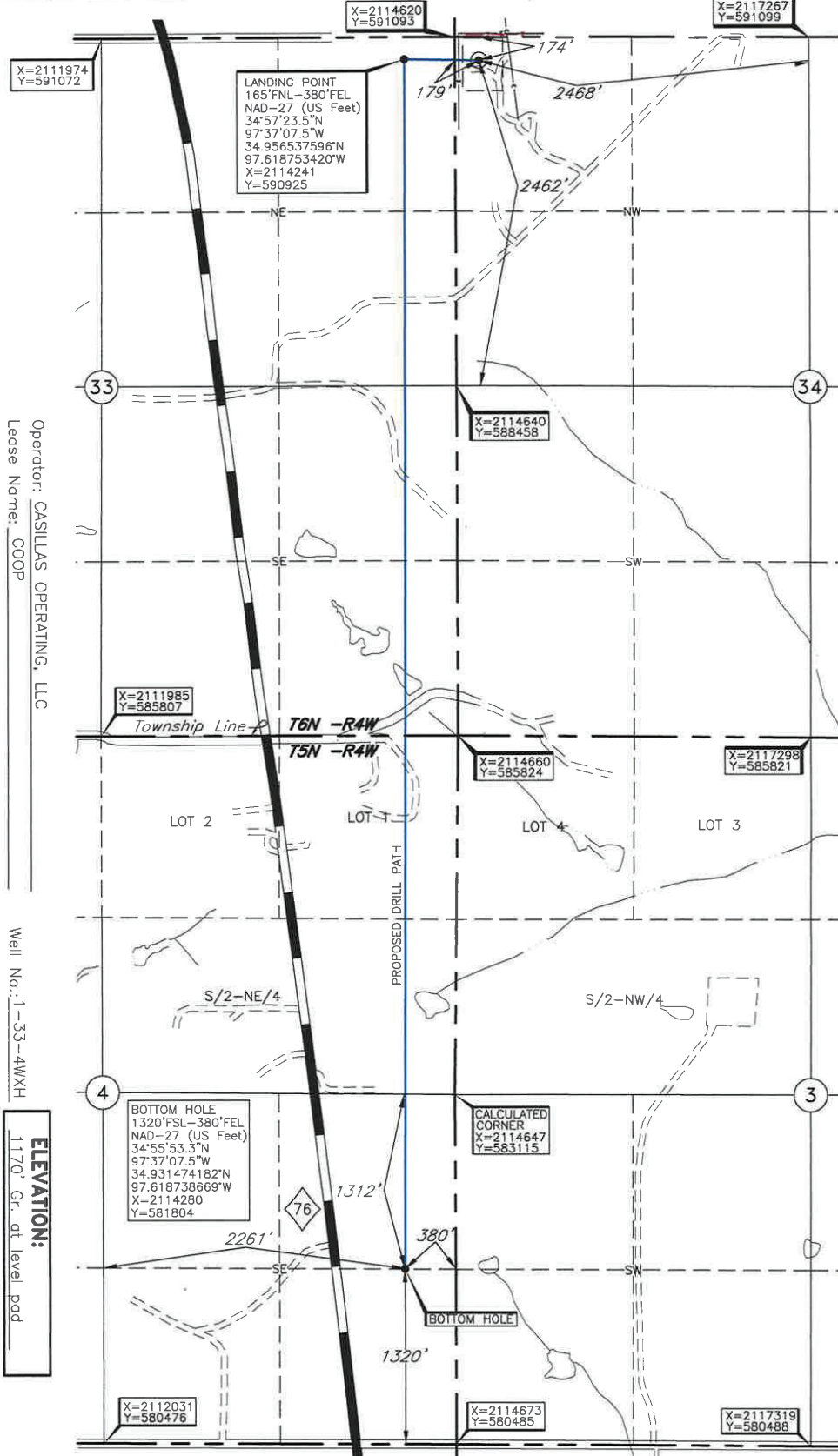
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219  
 Certificate of Authorization No. 1293 LS

API: 087 22089

MCCLAIN County, Oklahoma  
 174'FNL - 179'FWL Section 34 Township 6N Range 4W I.M.



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



Operator: CASILLAS OPERATING, LLC  
 Lease Name: COOP  
 Topography & Vegetation Conductor pipe on level pad  
 Well No.: 1-33-4WXH  
**ELEVATION:**  
 1170' Gr. at level pad

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

Best Accessibility to Location  From SE of county road  
 Distance & Direction from Hwy Jct or Town From Jct. St. Hwy. 76 N-S and St. Hwy. 39, West of Dibble, OK, go 46.5 mi. South on St. Hwy. 76 to county road, then 40.5 mi. E-NE to the West Line of Sec. 34-T6N-R4W

DATUM: NAD-27  
 LAT: 34°57'23.5"N  
 LONG: 97°37'00.8"W  
 LAT: 34.956517808° N  
 LONG: 97.616889278° W  
 STATE PLANE COORDINATES: (US Feet)  
 ZONE: OK SOUTH  
 X: 2114800  
 Y: 590920

Date of Drawing: Nov 16, 2017  
 Invoice # 283923A Date Staked: Nov 09, 2017 AC

**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

