

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

API NUMBER: 039 22508

Approval Date: 06/30/2017
Expiration Date: 12/30/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 14N Rge: 14W County: CUSTER
SPOT LOCATION: SE SE SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 295 195

Lease Name: BELL Well No: 1-5H Well will be 195 feet from nearest unit or lease boundary.
Operator Name: BLAKE PRODUCTION COMPANY INC Telephone: 4052869800 OTC/OCC Number: 18119 0

BLAKE PRODUCTION COMPANY INC
1601 NW EXPRESSWAY STE 777
OKLAHOMA CITY, OK 73118-1446

JULIE MARIE BELL LIFE ESTATE
214 HELEN GREATHOUSE CIRCLE
MIDLAND TX 79707

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

Name	Depth	Name	Depth
1 OSWEGO	9975	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 118159

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201703506

Special Orders:

Total Depth: 15155

Ground Elevation: 1725

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 360

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 17-32801

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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.

HORIZONTAL HOLE 1

Sec 05 Twp 14N Rge 14W County CUSTER

Spot Location of End Point: W2 NE NE NW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 2298

Depth of Deviation: 9545

Radius of Turn: 506

Direction: 315

Total Length: 4815

Measured Total Depth: 15155

True Vertical Depth: 10025

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category

Description

HYDRAULIC FRACTURING

6/28/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE

PENDING CD - 201703506

6/30/2017 - G60 - (I.O.) 5-14N-14W
X118159 OSWG
COMPL. INT. NCT 330' FNL, NCT 330' FSL, NCT 330' FEL
NO OP. NAMED
REC. 6/22/17 (P. PORTER)

SPACING - 118159

6/30/2017 - G60 - (640) 5-14N-14W
EST OSWG, OTHERS
EXT OTHER

SURFACE CASING

6/28/2017 - G71 - MIN. 500' PER ORDER 42589

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

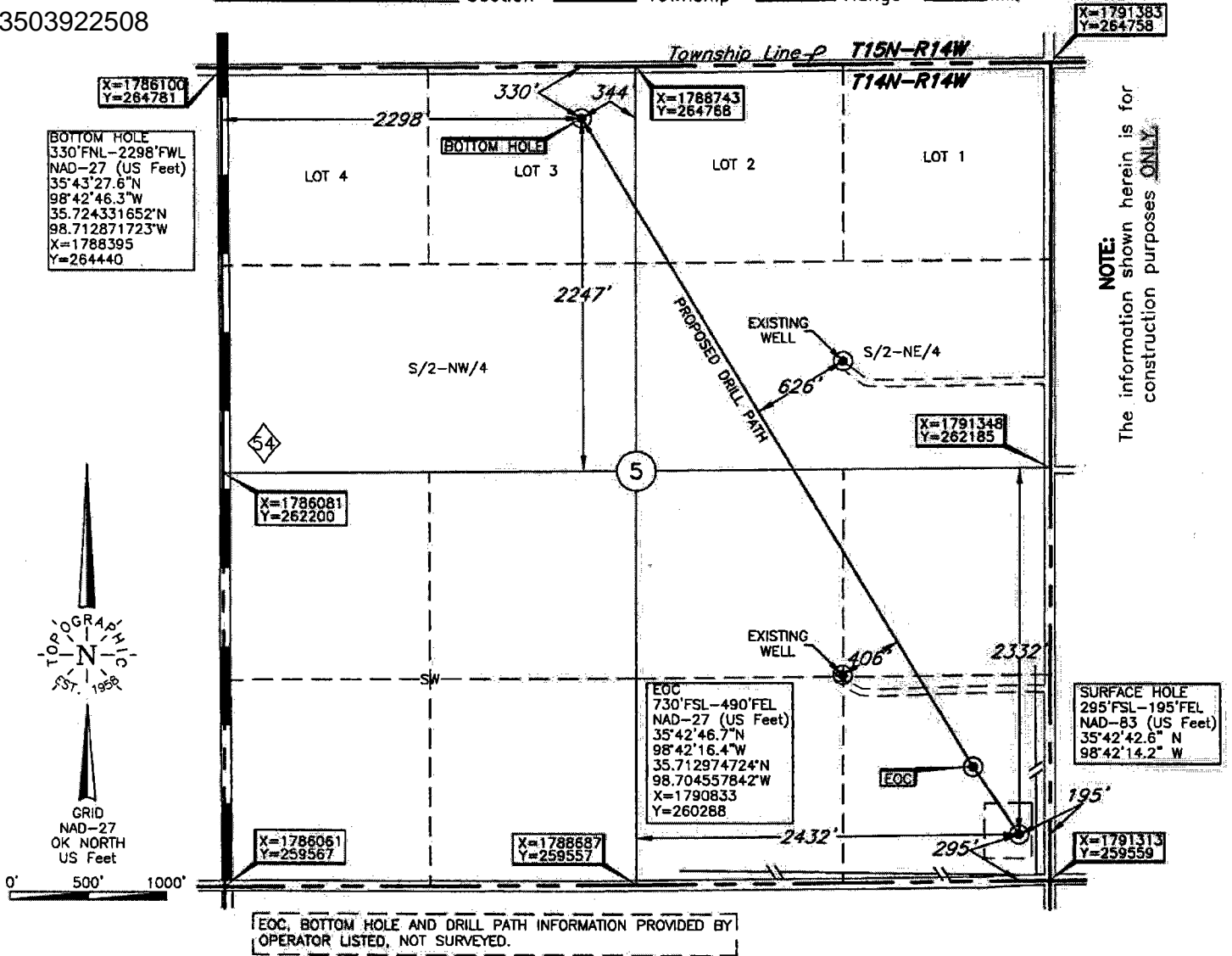
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. 1293 LS

CUSTER

County, Oklahoma

295'FSL - 195'FEL Section 5 Township 14N Range 14W I.M.

3503922508



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

ELEVATION:
 1725' Gr. at Stake NAVD88
 1724' Gr. at Stake NGVD29

Operator: BLAKE PRODUCTION CO.
 Lease Name: BELL Well No.: 1-5H
 Topography & Vegetation Loc. fell in wheat field, ±257' North of DCR pipeline, ±108' West of DCR pipeline
 Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None
 Best Accessibility to Location From South off county road
 Distance & Direction From Jct. St. Hwy. 54 and St. Hwy. 33, go ±2.9 mi. South, then ±1.0 mi. East to the SE Cor. of Sec. 5-T14N-R14W

DATUM: NAD-27
 LAT: 35°42'42.4"N
 LONG: 98°42'12.9"W
 LAT: 35.711786117° N
 LONG: 98.703573046° W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1791122
 Y: 259853

Date of Drawing: Jun. 19, 2017
 Invoice # 277570 Date Staked: Jun. 15, 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

