

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

API NUMBER: 103 24729

Approval Date: 06/15/2017

Expiration Date: 12/15/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 20N Rge: 2W

County: NOBLE

SPOT LOCATION: ☐ NE ☐ NW ☐ NW ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 135 2020

Lease Name: PARK

Well No: 1-11H

Well will be 135 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

ROBERT W. AND RITA L. PARK  
25801 COUNTY ROAD 60  
JOINT TENTANTS  
ORLANDO OK 73073

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

Name	Depth	Name	Depth
1 BIG LIME	4603	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 659539

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201700411

Special Orders:

Total Depth: 9206

Ground Elevation: 1152

**Surface Casing: 260**

Depth to base of Treatable Water-Bearing FM: 210

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 BED AQUIFER

Pit Location Formation: WELLINGTON

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

PERMIT NO: 17-32750

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 11 Twp 20N Rge 2W County NOBLE

Spot Location of End Point: E2 SE SW SE

Feet From: SOUTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 1580

Depth of Deviation: 4040

Radius of Turn: 560

Direction: 174

Total Length: 4286

Measured Total Depth: 9206

True Vertical Depth: 4603

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

### Notes:

#### Category

#### Description

BOTTOM HOLE LOCATION

6/15/2017 - G64 - 330' FSL, 1580' FEL PER STAKING PLAT

HYDRAULIC FRACTURING

6/14/2017 - 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 - 201700411

6/15/2017 - G64 - (I.O.) 11-20N-2W  
X659539 BGLM  
COMPL. INT. NCT 330' FNL, NCT 330' FSL, NCT 1875' FEL \*\*  
NO OP. NAMED  
REC. 3-27-2017 (THOMAS)

\*\*ITD SHOWS BOTTOM HOLE 1580' FEL; WILL BE CORRECTED AT HEARING FOR FINAL ORDER PER OPERATOR

SPACING - 659539

6/15/2017 - G64 - (640)(HOR) 11-20N-2W  
EXT 656096 BGLM  
COMPL. INT. NCT 660' FB

SURFACE LOCATION

6/15/2017 - G64 - 135' FNL, 2020' FEL PER STAKING PLAT



# Well Location Plat

Sec. 11-20N-2W I.M.

Operator: BLAKE PRODUCTION CO. INC.

Lease Name and No. : PARK #1-11H

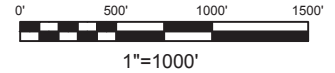
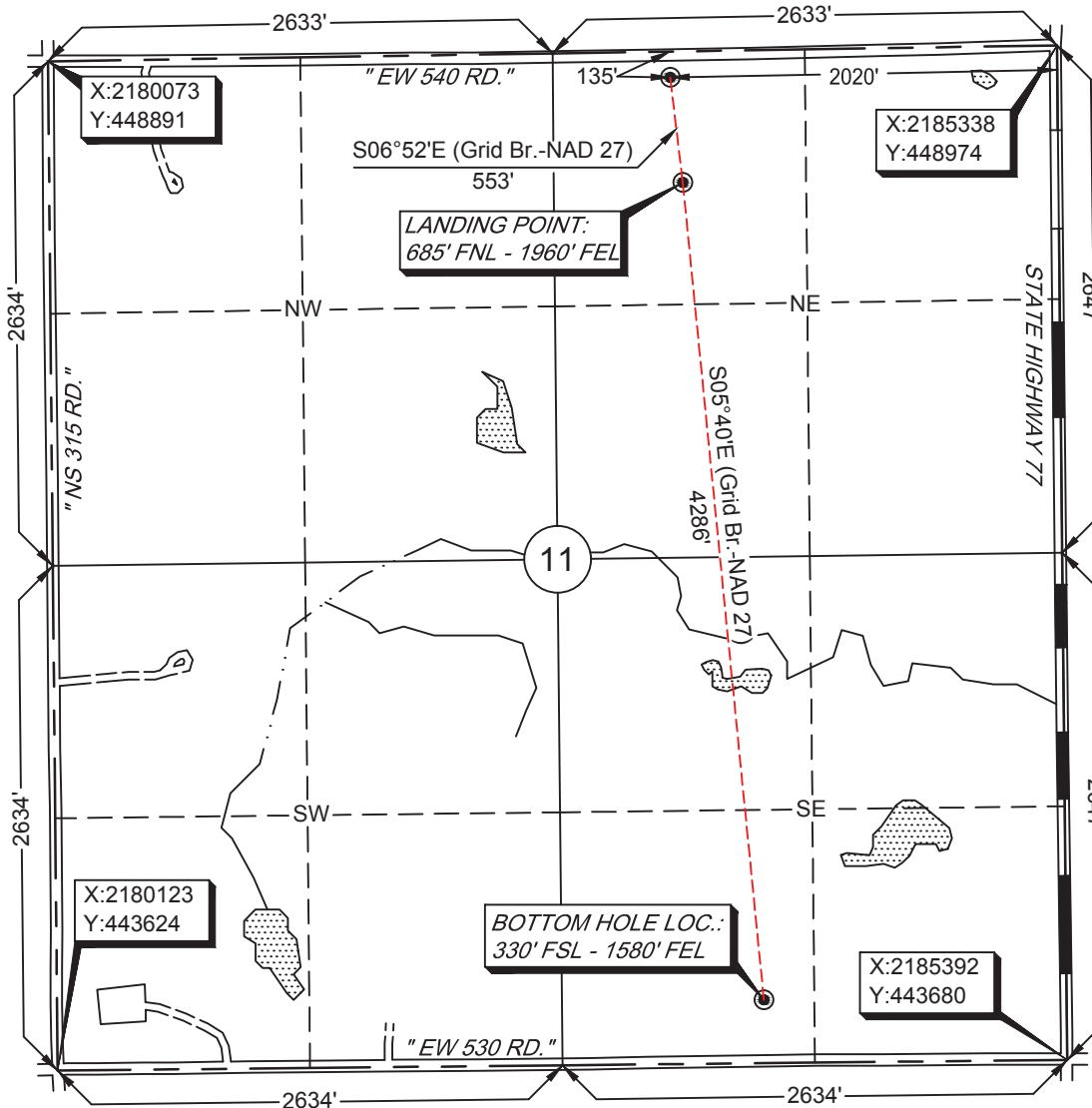
Footage : 135' FNL - 2020' FEL GR. ELEVATION : -- Good Site? YES

Section: 11 Township: 20N Range: 2W I.M.

County : Noble State of Oklahoma

Terrain at Loc. : Location fell in plowed pasture.

API: 103 24729



GPS DATUM  
NAD 27  
OK NORTH ZONE

Surface Hole Loc.:  
Lat: 36°13'52.84"N  
Lon: 97°22'42.39"W  
X: 2183319  
Y: 448807

Landing Point:  
Lat: 36°13'47.40"N  
Lon: 97°22'41.62"W  
X: 2183385  
Y: 448258

Bottom Hole Loc.:  
Lat: 36°13'05.20"N  
Lon: 97°22'36.79"W  
X: 2183809  
Y: 443993

Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS. Quarter Section distances may be assumed from a Government Survey Plat or assumed as proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey. NOTE: X and Y data shown herein for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey.

survey and plat by,

Arkoma Surveying and Mapping, PLLC

P.O. Box 238 Wilburton, OK 74578

Ph. 918-465-5711 Fax 918-465-5030

Certificate of Authorization No. 5348

Expires June 30, 2018

Invoice #7177

Date Staked : 06/05/17 By : R.H.

Date Drawn : 06/08/17 By : K.B.

Revised SHL Footage : 06/12/17 By : R.S.

Revised BHL X/Y : 06/12/17 By : R.S.

## Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

*Lance G. Mathis*  
LANCE G. MATHIS

06/14/17

OK LPLS 1664

