

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

API NUMBER: 069 20185

Approval Date: 01/08/2018

Expiration Date: 07/08/2018

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 4S Rge: 4E

County: JOHNSTON

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 354 247

Lease Name: GLENN

Well No: 16-2H

Well will be 247 feet from nearest unit or lease boundary.

Operator Name: BNK PETROLEUM (US) INC

Telephone: 8054843613

OTC/OCC Number: 21948 0

BNK PETROLEUM (US) INC  
760 PASEO CAMARILLO STE 350  
CAMARILLO, CA 93010-0763

JOSHUA D. ANDERSON  
P.O. BOX 368  
MANNSVILLE OK 73447

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

Name	Depth	Name	Depth
1 CANEY	9083	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 560950

Location Exception Orders: 671526

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 14491

Ground Elevation: 733

**Surface Casing: 400**

Depth to base of Treatable Water-Bearing FM: 350

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: 8000 Average: 5000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? Y

Wellhead Protection Area? Y

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: ANTLERS

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

PERMIT NO: 17-33639

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? Y

Wellhead Protection Area? Y

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: ANTLERS

HORIZONTAL HOLE 1

Sec 16 Twp 4S Rge 4E County JOHNSTON

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 360

Depth of Deviation: 8791

Radius of Turn: 477

Direction: 185

Total Length: 4951

Measured Total Depth: 14491

True Vertical Depth: 9853

End Point Location from Lease,  
Unit, or Property Line: 1

Notes:

Category

Description

HYDRAULIC FRACTURING

1/4/2018 - 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)

LOCATION EXCEPTION - 671526

1/8/2018 - G75 - (I.O.)  
X560950 CNEY  
SHL (15-4S-4E) NCT 350' FNL, NCT 240' FWL  
COMPL. INT. (16-4S-4E) NCT 165' FNL, NCT 165' FSL, NCT 330' FEL  
BHL (16-4S-4E) NCT 0' FSL, NCT 330' FEL  
NO OP. NAMED  
12-28-2017

MEMO

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

PUBLIC WATER SUPPLY WELLS

1/4/2018 - G71 - MANNSVILLE PUBLIC WORKS AUTHORITY, 3 PWS/WPA, SE4 16-4S-4E

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

069 20185 GLENN 16-2H

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 - 560950	1/8/2018 - G75 - (640) 16-4S-4E EXT 556997 CNEY, OTHERS
SURFACE LOCATION	1/8/2018 - G75 - 354' FNL, 247' FWL NW4 15-4S-4E PER STAKING PLAT

**Permit Plat**  
**M & M Land Surveying, Inc.**  
 520 "E" Street NW. Ardmore, OK. 73401  
 Office 580-226-0446 Mobile 580-221-4999

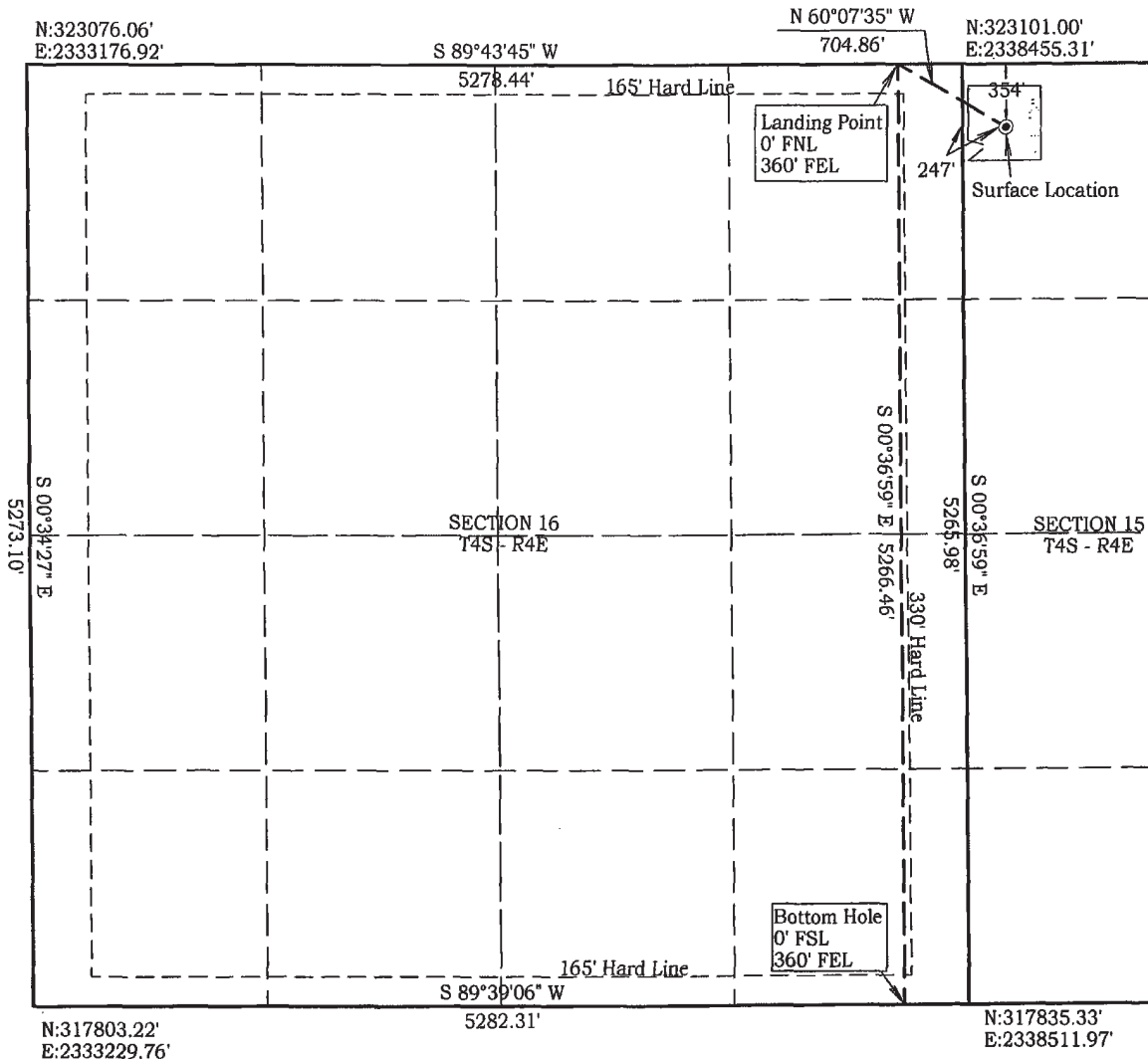
Company Name: BNK Petroleum Lease Name: Glenn 16-2H  
 Section 15 Township 4 South Range 4 East County Johnston Oklahoma

Surface Location 354' FNL - 247' FWL Elevation 733'

**ALL SECTION CORNER COORDINATES ARE NAD 27**



SCALE 1" = 1000'  
 Job # 17515  
 Date 12/6/17



NAD 27 OK SOUTH  
 Surface Location  
 Latitude: 34.215058°  
 Longitude: 96.879645°  
 Y= 322,748'  
 X = 2,338,707'  
 Landing Point  
 N= 323,099'  
 E = 2,338,095'  
 Bottom Hole  
 N= 317,833'  
 E = 2,338,151'

NAD 83 OK SOUTH  
 Surface Location  
 Latitude: 34.215153°  
 Longitude: 96.879930°  
 Y= 322,791'  
 X = 2,307,112'  
 Landing Point  
 N= 323,142'  
 E = 2,306,501'  
 Bottom Hole  
 N= 317,876'  
 E = 2,306,558'

*D. Harry McClintick* 12/15/17

D. Harry McClintick, R.P.L.S. # 1367, CA # 3093

This location has been staked according to the best official survey records available to us, but its accuracy is not guaranteed. Please review this plat and notify us immediately of any discrepancy.

