

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

API NUMBER: 011 23608

Approval Date: 05/24/2016  
Expiration Date: 11/24/2016

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 16N Rge: 11W County: BLAINE  
SPOT LOCATION:  SE  NE  NW  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 545 1520

Lease Name: BERNHARDT Well No: 5-13H Well will be 545 feet from nearest unit or lease boundary.  
Operator Name: CONTINENTAL RESOURCES INC Telephone: 4052349000; 4052349 OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC  
PO BOX 269000  
OKLAHOMA CITY, OK 73126-9000

VIRGINIA A. PETTY  
11798 E. 850 RD.  
OKARCHE OK 73762

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	10140	6
2			7
3			8
4			9
5			10

Spacing Orders: 597601

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201601780  
201601776

Special Orders:

Total Depth: 14910

Ground Elevation: 1415

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 50

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

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? N

Wellhead Protection Area? N

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is NON HSA

Pit Location Formation: BLAINE

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 16-31254

E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498

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: ON SITE
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 not located in a Hydrologically Sensitive Area.

Category of Pit: 3
Liner required for Category: 3
Pit Location is NON HSA
Pit Location Formation: BLAINE

HORIZONTAL HOLE 1

Sec 13 Twp 16N Rge 11W County BLAINE
Spot Location of End Point: N2 NE NE NE
Feet From: NORTH 1/4 Section Line: 50
Feet From: EAST 1/4 Section Line: 330
Depth of Deviation: 9663
Radius of Turn: 750
Direction: 10
Total Length: 4069
Measured Total Depth: 14910
True Vertical Depth: 10338
End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Table with 2 columns: Category, Description. Rows include DEEP SURFACE CASING, HYDRAULIC FRACTURING, INTERMEDIATE CASING, MEMO, PENDING CD - 201601776, and PENDING CD - 201601780.

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Category

Description

SPACING - 597601

5/13/2016 - G75 - (640) 13-16N-11W  
VAC OTHER  
VAC 158949 MCSTR, OTHER  
EST MSSP, OTHERS  
EXT OTHERS

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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.

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P.O. BOX 52000  
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(Rule 165:10-3-1)

API NUMBER: 000 00000

Approval Date:  
Expiration Date:

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 16N Rge: 11W County: BLAINE  
SPOT LOCATION: SE NE NW NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 545 1520

Application for  
Intent to Drill

Lease Name: BERNHARDT Well No: 5-13H Well will be 545 feet from nearest unit or lease boundary.

Operator Name: CONTINENTAL RESOURCES INC Telephone: 4052349000; 4052349 OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC  
PO BOX 269000  
OKLAHOMA CITY, OK 73126-9000

VIRGINIA A. PETTY  
11798 E 850 RD  
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Formation(s) (Permit Valid for Listed Formations Only):

Name	Depth	Name	Depth
1 MISSISSIPPIAN	10140	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 597601 Location Exception Orders: Increased Density Orders:  
Pending CD Numbers: 201601780 (E.O.) Hearing 5-23-2016 Special Orders:  
201601776

Total Depth: 14910 Ground Elevation: 1415 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 50

Deep surface casing has been approved

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:  
A. Evaporation / dewater + backfill  
D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 16-31254

Pit 1: water-based, on-site  
8K-5K ppm chlorides

E. Commercial Pit # 587498 31-12N-8W  
Canadian Co.

Pit 2: oil-based, on-site  
300K-200K ppm chlorides

Pit 1+2: concrete-lined pit per  
operator request; Pit 2 -  
0Bm to vendor, 0Bm cuttings  
per District

TEMPORARY AUTHORIZATION  
TO DRILL  
Expiration Date: 5-25-2016  
Signature: Virginia Petty  
165:10-3-1-1

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 13 Twp 16N Rge. 11W County BLAINE

Spot Location of End Point: N2 NE NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 330

Depth of Deviation: 9663

Radius of Turn: 750

Direction: 10

Total Length: 4069

Measured Total Depth: 14910

True Vertical Depth: 10338

End Point Location from Lease,

Unit, or Property Line: 50

### Intermediate casing

Due to the known potential risk of encountering an over-pressured zone in the Morrow Series in this area, the technical manager recommends setting an intermediate string of casing immediately above the Morrow Series

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

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000 00000 BERNHARDT 5-13H



# Well Location Plat

Operator: CONTINENTAL RESOURCES, INC.

API 011-23608

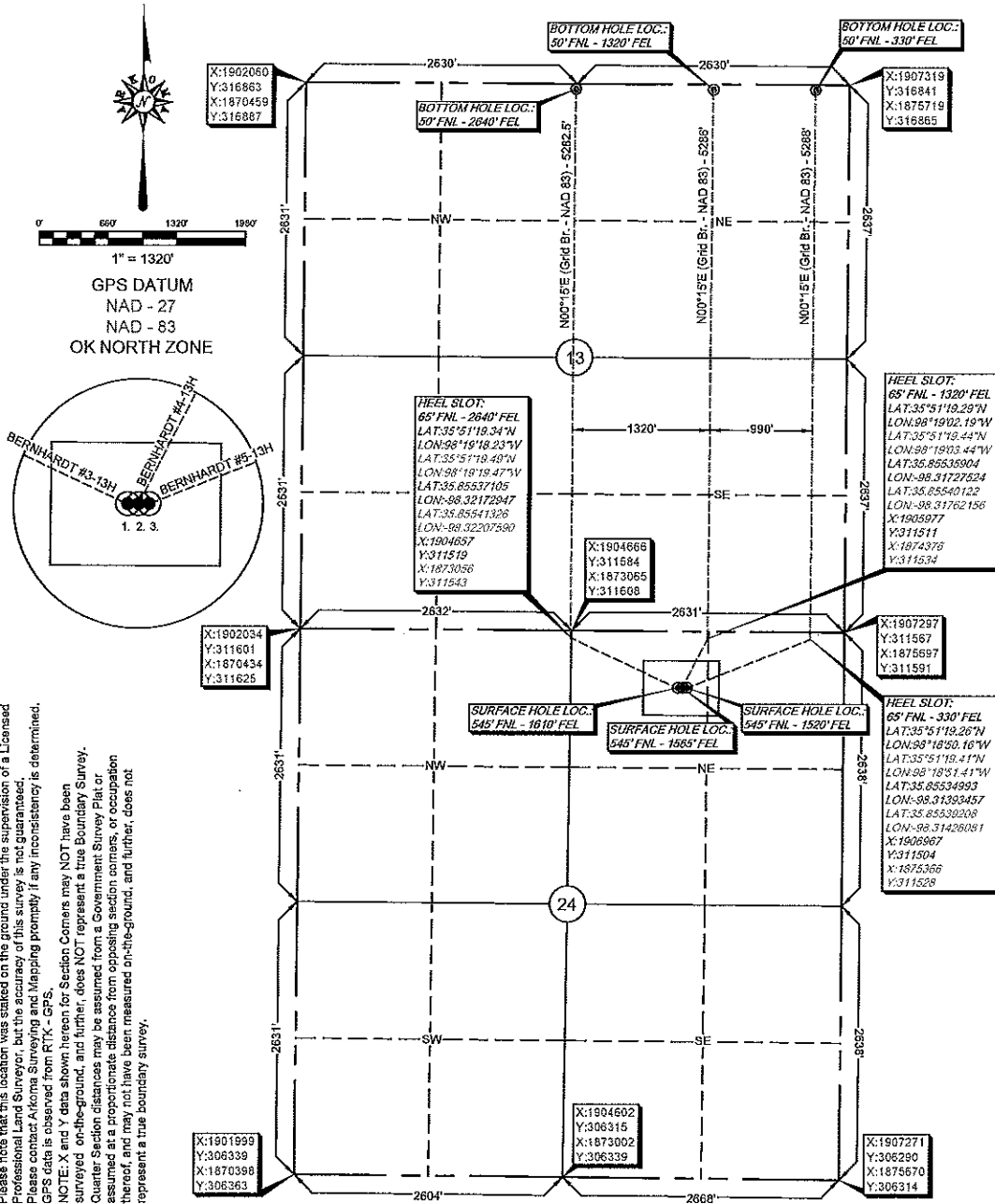
EXHIBIT "A"

S.H.L. Sec. 24-16N-11W I.M.

B.H.L. Sec. 13-16N-11W I.M.

BLAINE COUNTY

LEASE NAME	SHL	NAT. GR. ELEV.	LATITUDE	LONGITUDE	EASTING	NORTHING	BHL	LATITUDE	LONGITUDE	EASTING	NORTHING	DESIGN ELEV.
1. BERNHARDT #3-13H	545' FNL - 1610' FEL	1418'	35°51'14.55"N	98°19'05.72"W	1905684	311032	50' FNL	35°52'11.58"N	98°19'18.16"W	1904679	316802	1418'
			35.85404303	-98.31825667	1974084	311056	2640' FEL	35.86988319	-98.32171272	1872079	316826	1418'
2. BERNHARDT #4-13H	545' FNL - 1565' FEL	1417'	35°51'14.77"N	98°19'05.42"W	1905720	311032	50' FNL	35°52'11.57"N	98°19'02.13"W	1905899	316795	1418'
			35.85404282	-98.31810482	1874129	311056	1320' FEL	35.86987989	-98.31725766	1874359	316820	1418'
3. BERNHARDT #5-13H	545' FNL - 1520' FEL	1415'	35°51'14.55"N	98°19'04.63"W	1905774	311032	50' FNL	35°52'11.56"N	98°18'50.10"W	1906989	316792	1418'
			35.85404221	-98.31795297	1874174	311056	330' FEL	35.86987731	-98.31391630	1875269	316816	1418'
			35.85404843	-98.31829928				35.86991906	-98.31426294			



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.

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. Quarter Section distances may be assumed from a Government Survey Plat or assumed as a 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.

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, 2016

Invoice #6363  
 Date Staked : 05/05/16 By : J.W.  
 Date Drawn : 05/09/16 By : J.H.

### 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* 05/10/16  
 LANCE G. MATHIS OK LPLS 1664

