

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

API NUMBER: 039 22490

Approval Date: 11/09/2016  
Expiration Date: 05/09/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 15N Rge: 14W County: CUSTER  
SPOT LOCATION:  NW  NW  NW  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 305 2415

Lease Name: CONKLING FIU Well No: 1-32-5XH Well will be 305 feet from nearest unit or lease boundary.  
Operator Name: CONTINENTAL RESOURCES INC Telephone: 4052349020; 4052349 OTC/OCC Number: 3186 0

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

GERALDINE RYAN  
3774 BELFORD ST.  
SAN DIEGO CA 92111

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

Name	Depth	Name	Depth
1 WOODFORD	15044	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201602683  
201604318  
201604319

Special Orders:

Total Depth: 24751 Ground Elevation: 1736 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 330

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

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 located in a Hydrologically Sensitive Area.

Category of Pit: 1B

Liner required for Category: 1B

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

- A. Evaporation/dewater and backfilling of reserve pit.
- D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 16-31791
- H. SEE MEMO
- E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498

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: 250000
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: 3
Liner required for Category: 3
Pit Location is AP/TE DEPOSIT
Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 05 Twp 14N Rge 14W County CUSTER
Spot Location of End Point: S2 SE SW SE
Feet From: SOUTH 1/4 Section Line: 50
Feet From: EAST 1/4 Section Line: 1650
Depth of Deviation: 14274
Radius of Turn: 477
Direction: 175
Total Length: 9728
Measured Total Depth: 24751
True Vertical Depth: 15044
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, and PENDING CD - 201602683.

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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.

Category	Description
PENDING CD - 201604318	11/4/2016 - G75 - (E.O.) 32-15N-14W & 5-14N-14W EST MULTIUNIT HORIZONTAL WELL XOTHER X201602683 WDFD, OTHER 50% 32-15N-14W 50% 5-14N-14W CONTINENTAL RESOURCES, INC. REC 10-25-2016 (LEAVITT)
PENDING CD - 201604319	11/4/2016 - G75 - (E.O.) 32-15N-14W & 5-14N-14W XOTHER X201602683 WDFD, OTHER SHL (32-15N-14W) NCT 0' FNL, NCT 0' FEL COMPL. INT. (32-15N-14W) NCT 150' FNL, NCT 0' FSL, NCT 1320' FEL COMPL. INT. (5-14N-14W) NCT 0' FNL, NCT 150' FSL, NCT 1320' FEL CONTINENTAL RESOURCES, INC. REC 10-25-2016 (LEAVITT)
SURFACE CASING	11/4/2016 - G71 - MIN. 500' PER ORDER # 42589

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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.



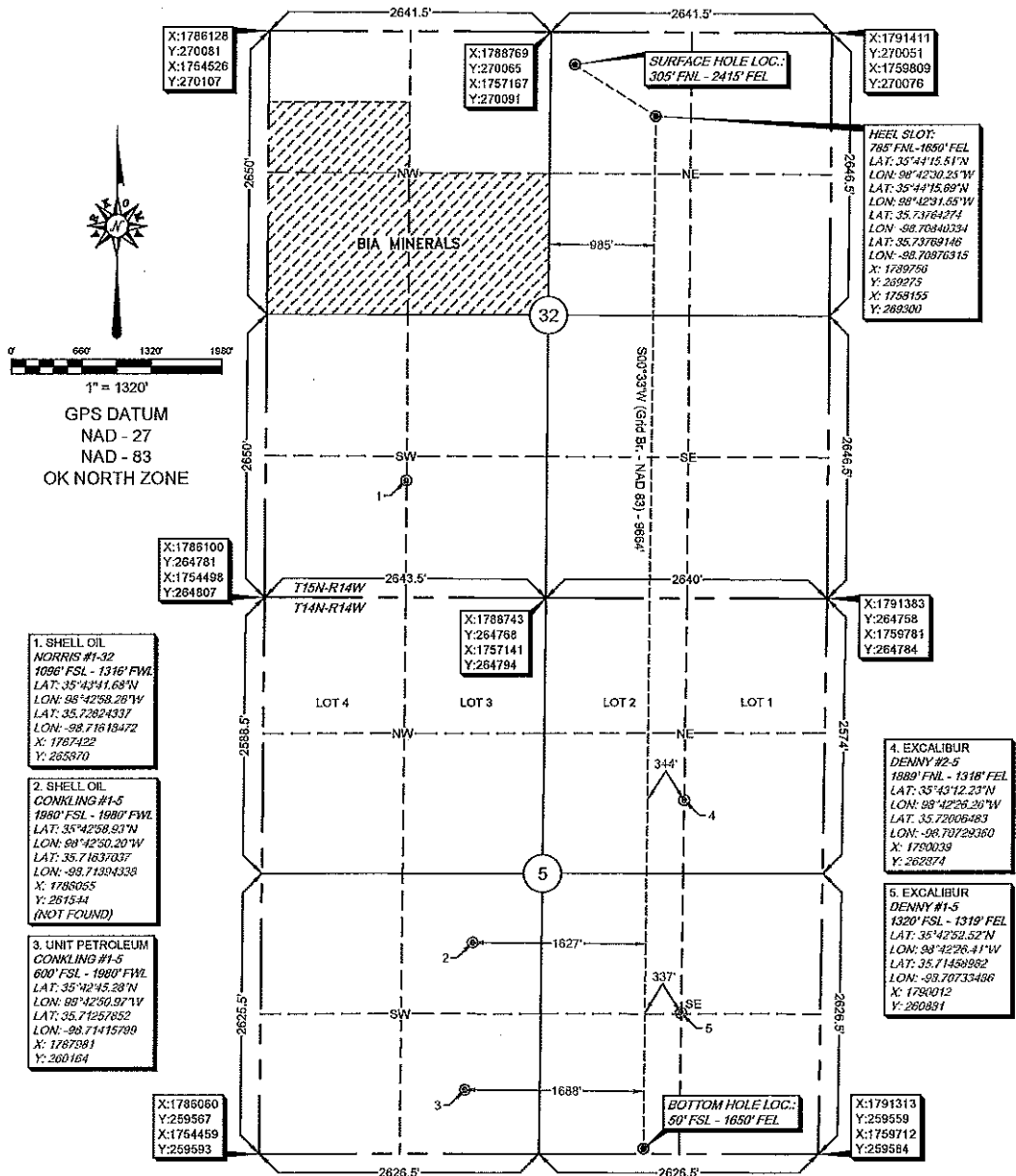
# Well Location Plat

Operator: CONTINENTAL RESOURCES, INC.

## API 039-22490

EXHIBIT "A"  
S.H.L. Sec. 32-15N-14W I.M.  
B.H.L. Sec. 5-14N-14W I.M.  
CUSTER COUNTY

LEASE NAME	SHL	NAT. GR. ELEV.	LATITUDE	LONGITUDE	EASTING	NORTHING	BHL	LATITUDE	LONGITUDE	EASTING	NORTHING	DESIGN ELEV.
A. CONKLING FID #1-32-5XH	305' FNL	1736'	35°44'20.25"N	98°42'38.54"W	1768994	269759	50' FSL	35°42'39.94"N	98°42'30.52"W	1789664	259611	1738'
	2415' FEL		35°44'20.42"N	98°42'40.84"W	1757392	269784	1650' FEL	35°42'40.11"N	98°42'31.81"W	1758062	259637	
			35.73895735	-98.71098411				35.71103378	-98.70947807			
			35.73900605	-98.71134417				35.71114232	-98.70883701			



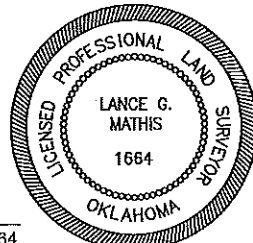
Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS.

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

NOTE: X and Y data shown hereon 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 August 31, 2018

**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.



Invoice #6484-B  
Date Staked: 08/25/16 By: D.A.  
Date Drawn: 08/29/16 By: K.M.

*Lance G. Mathis* 08/30/16  
LANCE G. MATHIS OK LPLS 1664