

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

API NUMBER: 011 23607

Approval Date: 05/23/2016
Expiration Date: 11/23/2016

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 16N Rge: 11W County: BLAINE
SPOT LOCATION: S2 SE SW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 215 1650

Lease Name: SHERRY LANELLE FEDERAL Well No: 1-31-30XH Well will be 215 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

SHERRY L. HANSON
219 W. 7TH
WATONGA OK 73772

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	10944	6	
2	WOODFORD	11714	7	
3			8	
4			9	
5			10	

Spacing Orders: 650951
652229

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201506315

Special Orders:

Total Depth: 21224

Ground Elevation: 1470

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 60

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 located in a Hydrologically Sensitive Area.

Category of Pit: 1A

Liner required for Category: 1A

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 16-31280

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: 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 located in a Hydrologically Sensitive Area.

Category of Pit: 3
Liner required for Category: 3
Pit Location is ALLUVIAL
Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 30 Twp 16N Rge 11W County BLAINE
Spot Location of End Point: N2 NE NW NE
Feet From: NORTH 1/4 Section Line: 50
Feet From: EAST 1/4 Section Line: 1650
Depth of Deviation: 10672
Radius of Turn: 750
Direction: 360
Total Length: 9374
Measured Total Depth: 21224
True Vertical Depth: 11714
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 - 201506315.

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.

Category	Description
SPACING - 650951	5/23/2016 - G75 - (640) 30 & 31-16N-11W VAC 289111 CSTR 30-16N-11W VAC 539769 CSTR 31-16N-11W EXT 586616 WDFD, OTHER EST MSSP
SPACING - 652229	5/23/2016 - G75 - (I.O.) 30 & 31-16N-11W EST MULTIUNIT HORIZONTAL WELL X650951 MSSP, WDFD (WDFD ASSOCIATED COMMON SOURCE OF SUPPLY TO MSSP) 50% 30-16N-11W 50% 31-16N-11W CONTINENTAL RESOURCES, INC. 4-29-2016

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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.



Well Location Plat

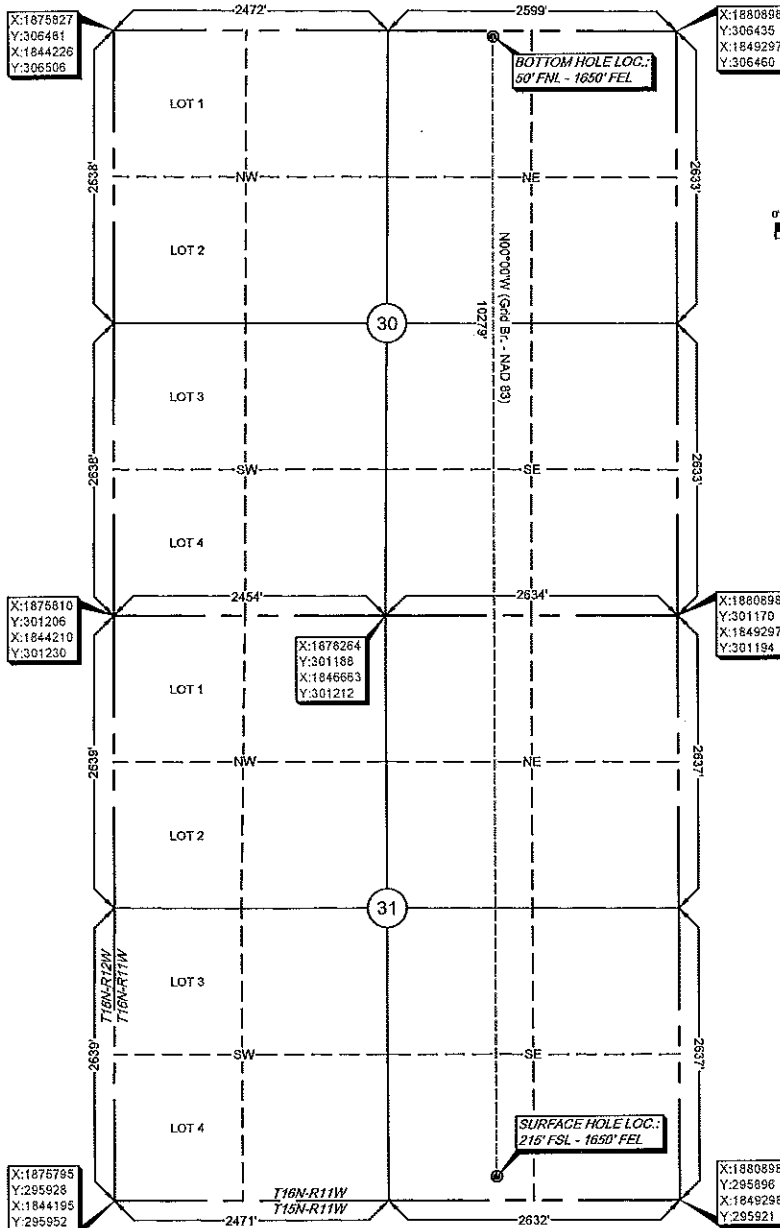
Operator: CONTINENTAL RESOURCES, INC.

API 011-23607

EXHIBIT "A"
S.H.L. Sec. 31-16N-11W I.M.
B.H.L. Sec. 30-16N-11W I.M.
BLAINE COUNTY

LEASE NAME	SHL	NAT. GR. ELEV.	LATITUDE	LONGITUDE	EASTING	NORTHING	BHL	LATITUDE	LONGITUDE	EASTING	NORTHING	DESIGN ELEV.
1. SHERRY LANELLE #1-31-30XH	215' FSL	1470'	35°48'46.11"N	98°24'26.10"W	1879248	296122	50' FNL	35°50'27.77"N	98°24'26.63"W	1879248	306400	1489'
	1650' FEL		35.81280837	-98.40724980	1847648	296146	1650' FEL	35.84104658	-98.40739658	1847647	306425	
			35.81285242	-98.40739999					35.84108993	-98.40774607		

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.



GPS DATUM
NAD - 27
NAD - 83
OK NORTH ZONE

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. 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 Arkansas Surveying and Mapping promptly if any inconsistency is determined. GPS data is obtained from RTK - GPS.

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

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 #6360
Date Staked : 05/04/16 By : J.W.
Date Drawn : 05/09/16 By : J.H.

Lance G. Mathis
LANCE G. MATHIS 5/10/16
OK LPLS 1664

