

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

API NUMBER: 051 24053

Approval Date: 07/22/2016
Expiration Date: 01/22/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 7N Rge: 5W County: GRADY
SPOT LOCATION: SW NE NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 418 412

Lease Name: EMERY Well No: 1R-9-16XH Well will be 412 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

MCCLAIN CO. LAND COMPANY, LLC
P.O. BOX 188
BLANCHARD OK 73010

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

Name	Depth	Name	Depth
1 WOODFORD	11384	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 653269
644200

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201600756
201600755

Special Orders:

Total Depth: 21268

Ground Elevation: 1277

Surface Casing: 690

Depth to base of Treatable Water-Bearing FM: 440

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: 3000 Average: 2000

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 not located in a Hydrologically Sensitive Area.

Category of Pit: 1A

Liner required for Category: 1A

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 16-31458

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? Y
Wellhead Protection Area? Y
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: CHICKASHA

HORIZONTAL HOLE 1

Sec 16 Twp 7N Rge 5W County GRADY
Spot Location of End Point: S2 SE SE SE
Feet From: SOUTH 1/4 Section Line: 50
Feet From: EAST 1/4 Section Line: 330
Depth of Deviation: 10904
Radius of Turn: 750
Direction: 178
Total Length: 9186
Measured Total Depth: 21268
True Vertical Depth: 11814
End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Table with 2 columns: Category, Description. Rows include HYDRAULIC FRACTURING, MEMO, and PENDING CD - 201600755 with detailed descriptions.

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
PENDING CD - 201600756	<p>7/22/2016 - G75 - (E.O.) 9 & 16-7N-5W X653269 WDFD 9-7N-5W X644200 WDFD 16-7N-5W SHL (9-7N-5W) 385 FNL, 382 FEL ** COMPL. INT. (9-7N-5W) NCT 150 FNL, NCT 0 FSL, NCT 330 FEL COMPL. INT (16-7N-5W) NCT 0 FNL, NCT 150 FSL, NCT 330 FEL CONTINENTAL RESOURCES, INC. REC 7-8-2016 (NORRIS)</p> <p>** ITD HAS SHL AS 418 FNL, 412 FEL 9-7N-5W; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER ATTORNEY FOR OPERATOR</p>
PUBLIC WATER SUPPLY WELLS	7/22/2016 - G71 - MIDDLEBERG SCHOOL, 2 PWS/WPA, SW4 4-7N-5W
SPACING - 644200	<p>7/22/2016 - G75 - (640) 16-7N-5W VAC OTHERS EST (VER) OTHERS EXT (VER) OTHERS EST (HOR) OTHER EXT (HOR) 621907 WDFD POE TO BHL NCT 330' FB</p>
SPACING - 653269	<p>7/22/2016 - G75 - (640)(HOR) 9-7N-5W EXT OTHER EXT 643068 WDFD, OTHERS POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL</p>

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.



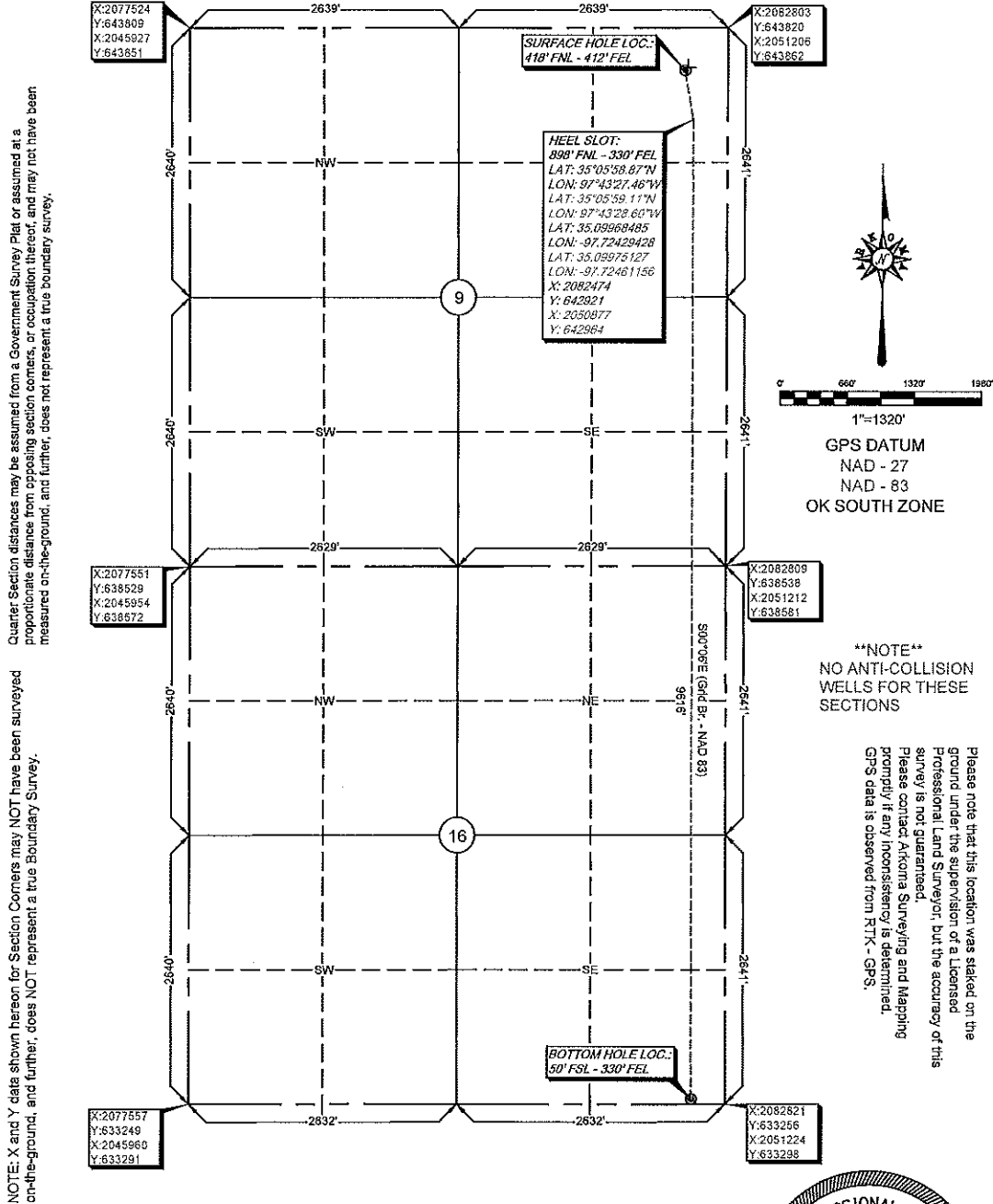
Well Location Plat

Operator: CONTINENTAL RESOURCES, INC.

API 051-24053

EXHIBIT "A"
S.H.L. Sec. 9-7N-5W I.M.
B.H.L. Sec. 16-7N-5W I.M.
GRADY COUNTY

LEASE NAME	SHL	PAD ELEV.	LATITUDE	LONGITUDE	EASTING	NORTHING	BHL	LATITUDE	LONGITUDE	EASTING	NORTHING	DESIGN ELEV.	
A EMERY #1R-9-16KH	418' FNL - 412' FEL	1277'	35°06'03.61"N	97°43'28.43"W	2082391	643401	50' FSL -	35°04'23.75"N	97°43'27.57"W	2082491	633305	1277'	
			35°06'03.85"N	87°43'23.58"W	2050794	643443	330' FEL	35°04'23.88"N	97°43'26.71"W	2050894	633347		
			35.10100360	-87.72456733					35.07326462	-87.72432640			
			35.10166986	-87.72488464				35.07333152	-87.72464238				



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.

NOTE
NO ANTI-COLLISION
WELLS FOR THESE
SECTIONS

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.

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 #6234-A
Date Staked: 04/25/16 By: H.N.
Date Drawn: 04/27/16 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

07/22/16
OK LPLS 1664

