

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

API NUMBER: 039 22523

Approval Date: 12/04/2017

Expiration Date: 06/04/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 23 Twp: 15N Rge: 14W

County: CUSTER

SPOT LOCATION:

N2

NW

SE

NW

FEET FROM QUARTER: FROM

NORTH

FROM

WEST

SECTION LINES:

1427

1650

Lease Name: ROCKIN DOBBIN

Well No: 1-23-14-11XHM

Well will be 1427 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

DONNA GAYLE KIPPENBERGER REV. TRUST
1512 NW 145TH ST.
EDMOND OK 73013

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	12446	6	
2	WOODFORD	13490	7	
3			8	
4			9	
5			10	

Spacing Orders: 644161

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201707922
201707923
201602401
201602403

Special Orders:

Total Depth: 25281

Ground Elevation: 1513

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 40

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 17-33360
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: 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? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 11 Twp 15N Rge 14W County CUSTER

Spot Location of End Point: N2 NW NE NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 1650

Depth of Deviation: 12164

Radius of Turn: 382

Direction: 360

Total Length: 12517

Measured Total Depth: 25281

True Vertical Depth: 13490

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Category

Description

DEEP SURFACE CASING

12/4/2017 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

11/27/2017 - 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; 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

INTERMEDIATE CASING

11/27/2017 - G71 - 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

MEMO

11/27/2017 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - CANADIAN RIVER); PIT 1 – WBM & CUTTINGS WILL BE SOIL FARMED; PIT 2 – OBM TO VENDOR, OBM CUTTINGS TO ORDER 587498, 31-12N-8W, CANADIAN CO.

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.

039 22523 ROCKIN DOBBIN 1-23-14-11XHM

Category	Description
PENDING CD - 201602401	12/1/2017 - G75 - (E.O.)(640) 14-15N-14W VAC OTHERS VAC 469388 CSTR, OTHERS EXT OTHER EST OTHERS EXT 633427 MSSP, WDFD, OTHER CONTINENTAL RESOURCES, INC. REC 12-4-2017 (MINMIER)
PENDING CD - 201602403	12/1/2017 - G75 - (E.O.)(640) 23-15N-14W EXT 633427 MSSP, WDFD, OTHER CONTINENTAL RESOURCES, INC. REC 12-4-2017 (MINMIER)
PENDING CD - 201707922	12/1/2017 - G75 - (E.O.) 23, 14 & 11-15N-14W EST MULTIUNIT HORIZONTAL WELL X201602403 MSSP, WDFD 23-15N-14W X201602401 MSSP, WDFD 14-15N-14W X644161 MSSP, WDFD 11-15N-14W (WDFD ADJACENT COMMON SOURCE OF SUPPLY TO MSSP) 12% 23-15N-14W 44% 14-15N-14W 44% 11-15N-14W CONTINENTAL RESOURCES, INC. REC 12-4-2017 (MINMIER)
PENDING CD - 201707923	12/1/2017 - G75 - (E.O.) 23, 14 & 11-15N-14W X201602403 MSSP, WDFD 23-15N-14W X201602401 MSSP, WDFD 14-15N-14W X644161 MSSP, WDFD 11-15N-14W SHL (23-15N-14W) NW4 COMPL. INT. (23-15N-14W) NCT 1320' FNL, NCT 0' FNL, NCT 1320' FWL COMPL. INT. (14-15N-14W) NCT 0' FSL, NCT 0' FNL, NCT 1320' FWL COMPL. INT. (11-15N-14W) NCT 0' FSL, NCT 150' FNL, NCT 1320' FWL CONTINENTAL RESOURCES, INC. REC 12-4-2017 (MINMIER)
SPACING - 644161	12/1/2017 - G75 - (640) 11-15N-14W EST MSSP EXT 579709 WDFD, OTHER
SURFACE CASING	11/27/2017 - G71 - MIN. 500' PER ORDER # 42589

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.

EXHIBIT "A"
S.H.L. Sec. 23-15N-14W I.M.
B.H.L. Sec. AS SHOWN
CUSTER COUNTY
(SHEET 2 OF 3)

GPS DATUM
OK NORTH ZONE

NAD 27

Point	Northing	Easting	Elevation	Latitude/Longitude	Latitude/Longitude	Description	Design Elevation
20	285853	1802065	0.0			ODOT BRASS CAP NWc 14-15N-14W	
21	285829	1804711	0.0			5/8" IR N/4 14-15N-14W	
22	285805	1807358	0.0			3/8" IR NEc 14-15N-14W	
23	283213	1802052	0.0			ODOT BRASS CAP W/4 15-14N-15W	
24	283159	1807330	0.0			MAG NAIL E/4 14-15N-14W	
25	281398	1802044	0.0			IR W/CAP MEANDER CORNER	
26	280576	1802058	0.0			MEANDER CORNER	
27	280538	1805668	0.0			MEANDER CORNER	
28	280524	1807302	0.0			IR W/CAP NEc 23-15N-14W	
29	279587	1802074	0.0			MEANDER CORNER	
30	277931	1802068	0.0			FENCE CORNER W/4 23-15N-14W	
31	278109	1807284	0.0			IR W/CAP MEANDER CORNER	
32	275287	1802059	0.0			1/2" IR W/CAP NWc 26-15N-14W	
33	275242	1804692	0.0			1/2" IR W/CAP N/4 26-15N-14W	
34	275196	1807325	0.0			3/8" IR NEc 26-15N-14W	
35	272627	1802036	0.0			PK NAIL W/SHINER W/4 26-15N-14W	
36	269974	1802013	0.0			IR W/CAP SWc 26-15N-14W	
37	269915	1807268	0.0			3/8" IR SEc 26-15N-14W	
38	291139	1802098	0.0			IR/CAP NWc 11-15N-14W	
39	291087	1807372	0.0			80D NAIL NEc 11-15N-14W	
50	281305	1806649	0.0	LAT:35°46'15.66"N LON:98°39'06.33"W	LAT:35.77101577 LON:-98.65175915	AC - CHESAPEAKE OPERATING DOBBINS 2-14 OCC STATUS: PA, TVD: 11047'	
51	282519	1805670	0.0	LAT:35°46'27.60"N LON:98°39'18.31"W	LAT:35.77433245 LON:-98.65508556	AC - OTC/OCC NA DOBBINS 1 OCC STATUS: PA, TVD: 11150'	
52	275868	1806674	0.0	LAT:35°45'21.89"N LON:98°39'05.58"W	LAT:35.75607985 LON:-98.65155033	AC - GULF EXPL. KIPPENBERGER 1-23 OCC STATUS: AC, TVD: 11180'	
53	274541	1803345	0.0	LAT:35°45'08.54"N LON:98°39'45.86"W	LAT:35.75237267 LON:-98.66273846	AC - MARSHALL KIPPENBERGER 1-26 OCC STATUS: PA, TVD: 11460'	
54	273903	1805339	0.0	LAT:35°45'02.36"N LON:98°39'21.62"W	LAT:35.75065673 LON:-98.65600542	AC - GULF EXPL. DONNA 1-26 OCC STATUS: AC, TVD: 11354'	
55	271279	1803345	0.0	LAT:35°44'36.29"N LON:98°39'45.60"W	LAT:35.74341335 LON:-98.66266609	AC - DAVIS OIL BEEMER 1 OCC STATUS: PA, TVD: 11840'	
100	279132	1803723	1513.1'	LAT:35°45'53.97"N LON:98°39'41.66"W	LAT:35.76499200 LON:-98.66157218	A. ROCKIN DOBBIN #1-23-14-11XHM 1427' FNL - 1650' FWL	1513.2'
101	279117	1803749	1512.6'	LAT:35°45'53.82"N LON:98°39'41.34"W	LAT:35.76495120 LON:-98.66148434	B. ZETTIE #1-23-26XH 1442' FNL - 1676' FWL	1513.2'
200	279612	1803724	0.0	LAT:35°45'58.72"N LON:98°39'41.68"W	LAT:35.76631086 LON:-98.66157830	A. HEEL SLOT 947' FNL - 1650' FWL	
201	278637	1803721	0.0	LAT:35°45'49.08"N LON:98°39'41.64"W	LAT:35.76363227 LON:-98.66156696	B. HEEL SLOT 1922' FNL - 1650' FWL	
300	291073	1803747	0.0	LAT:35°47'52.07"N LON:98°39'42.35"W	LAT:35.79779714 LON:-98.66176330	A. BOTTOM HOLE LOCATION 50' FNL - 1650' FWL	
301	270006	1803664	0.0	LAT:35°44'23.71"N LON:98°39'41.62"W	LAT:35.73992042 LON:-98.66156198	B. BOTTOM HOLE LOCATION 50' FSL - 1650' FWL	

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

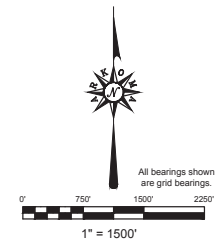
Invoice #7388

Date Staked: 10/13/17 By: R.L.

Date Drawn: 10/17/17 By: J.H.

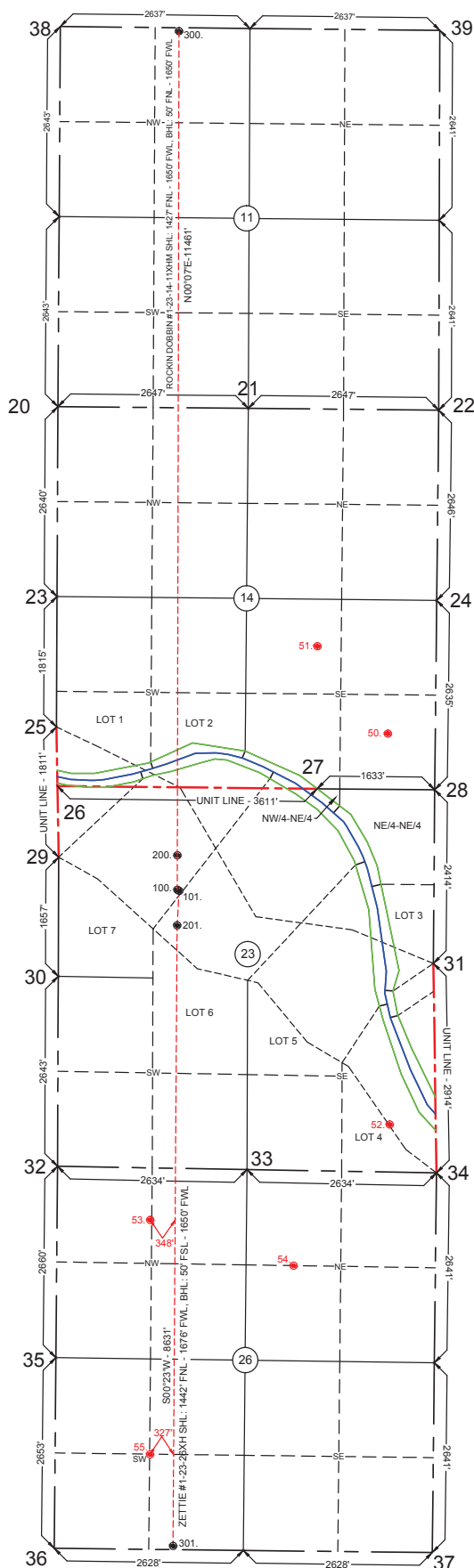


EXHIBIT "A"
S.H.L. Sec. 23-15N-14W I.M.
B.H.L. Sec. AS SHOWN
CUSTER COUNTY
(SHEET 3 OF 3)



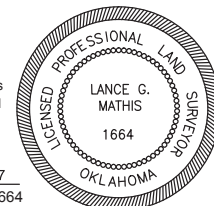
GPS DATUM
NAD 27
NAD 83
OK NORTH ZONE

Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportional 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 hereof 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 McKoy Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS.



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 10/19/17
LANCE G. MATHIS OK LPLS 1664



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P.O. Box 238 Wilburton, OK 74578
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