

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

API NUMBER: 051 24132

Approval Date: 04/25/2017
Expiration Date: 10/25/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 6N Rge: 6W

County: GRADY

SPOT LOCATION: SW NW SE SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 975 1485

Lease Name: PARR

Well No: 1-30-19XH

Well will be 975 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

MAX H. THOMAS, TTEE
1378 COUNTY ROAD 1420
NINNEKAH OK 73067

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

Name	Depth	Name	Depth
1 WOODFORD	16257	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 651175

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201604335
201604338
201604336

Special Orders:

Total Depth: 25012

Ground Elevation: 1096

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 510

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

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: 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? 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: 17-32462

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 19 Twp 6N Rge 6W County GRADY

Spot Location of End Point: W2 W2 E2 W2

Feet From: SOUTH 1/4 Section Line: 2640

Feet From: WEST 1/4 Section Line: 1485

Depth of Deviation: 15845

Radius of Turn: 487

Direction: 360

Total Length: 8401

Measured Total Depth: 25012

True Vertical Depth: 16257

End Point Location from Lease,
Unit, or Property Line: 1485

Notes:

Category	Description
DEEP SURFACE CASING	4/19/2017 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	4/19/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE
MEMO	4/19/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - LITTLE WASHITA RIVER), PIT 1 – CUTTINGS WILL BE SOIL FARMED, PIT 2 – OBM RETURNED TO VENDOR, CUTTINGS WILL BE HAULED TO PAUL VALLEY LANDFILL (GARVIN) 3525009 OR SOUTHERN PLAINS LANDFILL (GRADY) 3526013
PENDING CD - 201604335	4/24/2017 - G64 - (640) 30-6N-6W EXT 627402 WDFD, OTHERS REC. 4-18-2017 (M. PORTER)
PENDING CD - 201604336	4/24/2017 - G64 - (I.O.) 30 & 19-6N-6W X651175 WDFD, OTHERS 19-6N-6W X201604335 WDFD, OTHERS 30-6N-6W SHL NW4 31-6N-6W COMPL. INT. (30-6N-6W) NCT 150' FSL, NCT 0' FNL, NCT 1320' FWL COMPL. INT. (19-6N-6W) NCT 0' FSL, NCT 150' FNL, NCT 1320' FWL CONTINENTAL RESOURCES, INC. REC. 4-18-2017 (M. PORTER)

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 - 201604338	4/24/2017 - G64 - (I.O.) 30 & 19-6N-6W EST MULTIUNIT HORIZONTAL WELL X651175 WDFD, OTHERS 19-6N-6W X201604335 WDFD, OTHERS 30-6N-6W 66% 30-6N-6W 34% 19-6N-6W CONTINENTAL RESOURCES, INC. REC. 4-18-2017 (M. PORTER)
SPACING - 651175	4/24/2017 - G64 - (640) 19-6N-6W EXT 611024 WDFD, OTHERS

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. 30-6N-6W I.M

B.H.L. Sec. 19-6N-6W I.M

GRADY COUNTY

(SHEET 2 OF 2)

API: 051 24132

NAD 83

Point	Northing	Easting	Elevation	Latitude/Longitude	Latitude/Longitude	Description	Design Elevation
20	601382	2003864				PK NAIL NWc 19-6N-6W	
21	601440	2009108				1/2" IR NEc 19-6N-6W	
22	596153	2003869				IR/4849 CAP NWc 30-6N-6W	
23	596154	2009128				DBL PROP CALC NEc 30-6N-6W	
24	590844	2003873				PK NAIL SWc 30-6N-6W	
25	590868	2009137				RR SPIKE SEc 30-6N-6W	
50	597469	2005847		LAT:34°58'30.01"N LON:97°52'31.20"W	LAT:34.97500162 LON:-97.87533394	AC - DUNCAN OIL PARR #1 OCC STATUS: PA, TVD: 14120'	
51	595819	2006156		LAT:34°58'13.68"N LON:97°52'27.52"W	LAT:34.97046535 LON:-97.87431227	AC - OTC/OCC NA MUTZ #1 OCC STATUS: AC, TVD: NOT LISTED	
52	597745	2007801		LAT:34°58'32.71"N LON:97°52'07.73"W	LAT:34.97575302 LON:-97.86881276	AC- CHESAPEAKE SHOEMAKE #1-19 OCC STATUS: AC, TVD: 14200'	
53	594822	2007808		LAT:34°58'03.79"N LON:97°52'07.68"W	LAT:34.96772007 LON:-97.86880100	AC - KAISER FRANCIS SHOEMAKE #1 OCC STATUS: AC, TVD: 13990'	
100	591826	2005357	1094.6	LAT:34°57'34.19"N LON:97°52'37.18"W	LAT:34.95949786 LON:-97.87699432	A. PARR #1-30-19XH 975' FSL - 1485' FWL	1096.3
200	598794	2005351		LAT:34°58'43.11"N LON:97°52'37.14"W	LAT:34.97864172 LON:-97.87698450	BHL 2640' FSL - 1485' FWL	

NAD 27

Point	Northing	Easting	Elevation	Latitude/Longitude	Latitude/Longitude	Description	Design Elevation
20	601340	2035461				PK NAIL NWc 19-6N-6W	
21	601398	2040705				1/2" IR NEc 19-6N-6W	
22	596112	2035465				IR/4849 CAP NWc 30-6N-6W	
23	596112	2040725				DBL PROP CALC NEc 30-6N-6W	
24	590803	2035469				PK NAIL SWc 30-6N-6W	
25	590827	2040733				RR SPIKE SEc 30-6N-6W	
50	597428	2037444		LAT:34°58'29.76"N LON:97°52'30.05"W	LAT:34.97493430 LON:-97.87501478	AC - DUNCAN OIL PARR #1 OCC STATUS: PA, TVD: 14120'	
51	595777	2037752		LAT:34°58'13.43"N LON:97°52'26.38"W	LAT:34.97039791 LON:-97.87399321	AC - OTC/OCC NA MUTZ #1 OCC STATUS: AC, TVD: NOT LISTED	
52	597704	2039397		LAT:34°58'32.47"N LON:97°52'06.58"W	LAT:34.97568566 LON:-97.86849372	AC- CHESAPEAKE SHOEMAKE #1-19 OCC STATUS: AC, TVD: 14200'	
53	594780	2039405		LAT:34°58'03.55"N LON:97°52'06.54"W	LAT:34.96765248 LON:-97.86848210	AC - KAISER FRANCIS SHOEMAKE #1 OCC STATUS: AC, TVD: 13990'	
100	591784	2036953	1094.6	LAT:34°57'33.95"N LON:97°52'36.03"W	LAT:34.95943014 LON:-97.87667539	A. PARR #1-30-19XH 975' FSL - 1485' FWL	1096.3
200	598752	2036948		LAT:34°58'42.87"N LON:97°52'35.99"W	LAT:34.97857453 LON:-97.87666525	BHL 2640' FSL - 1485' 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 #6658-A

Date Staked : 02/02/17 By : C.K.

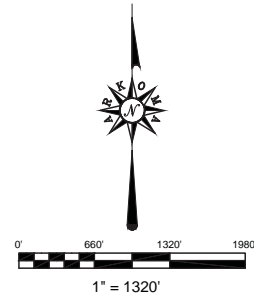
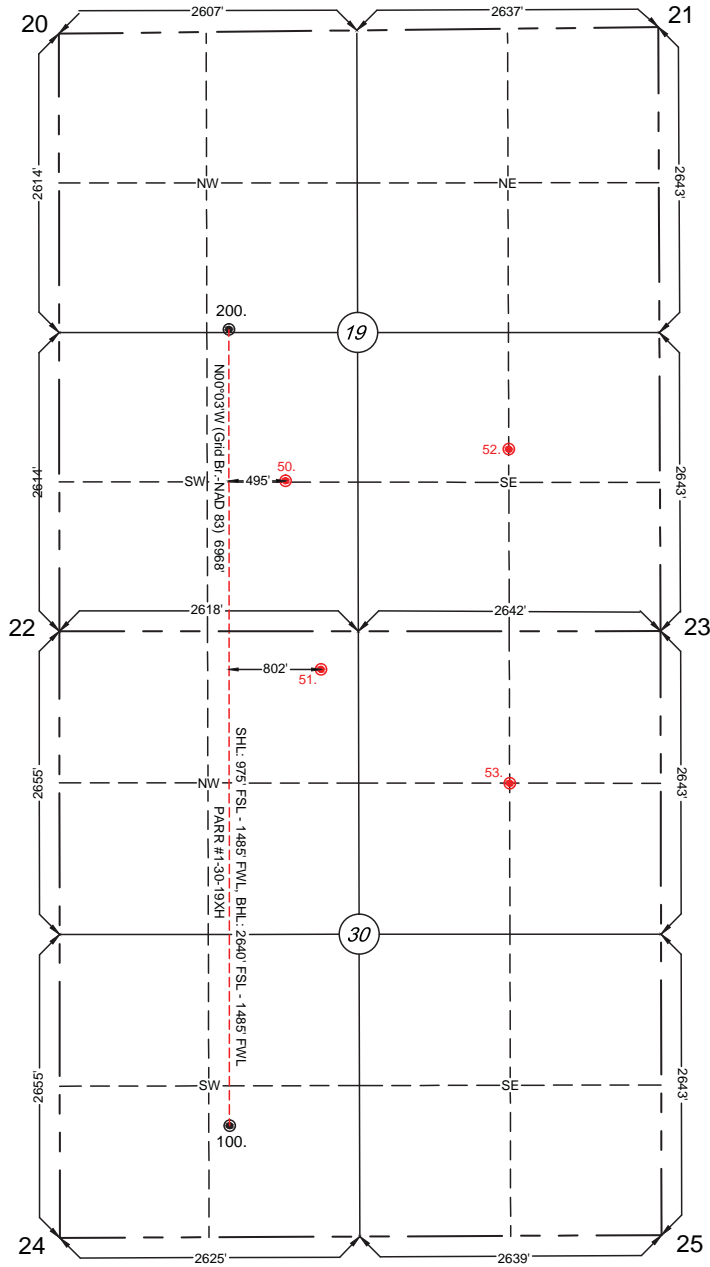
Date Drawn : 02/08/17 By : R.M.



Well Location Plat

Operator : CONTINENTAL RESOURCES, INC.

EXHIBIT "A"
S.H.L. Sec. 30-6N-6W I.M
B.H.L. Sec. 19-6N-6W I.M
GRADY COUNTY
(SHEET 2 OF 2)



GPS DATUM
 NAD - 27
 NAD - 83
 OK SOUTH 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.

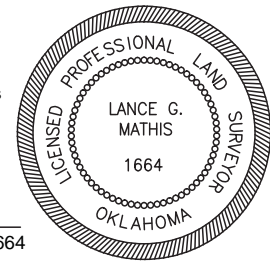
Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.

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

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 02/08/17
 LANCE G. MATHIS OK LPLS 1664



Invoice #6658-A
 Date Staked : 02/02/17 By : C.K.
 Date Drawn : 02/08/17 By : R.M.