

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

API NUMBER: 049 25181

Approval Date: 01/17/2018

Expiration Date: 07/17/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 3N Rge: 4W

County: GARVIN

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 315 400

Lease Name: LYLE

Well No: 2-30HS

Well will be 315 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

EUGENE & TAWANA CAMPBELL
4718 SOUTH MOCKINGBIRD ROAD
CHICKASHA OK 73108

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

Name	Depth	Name	Depth
1 SPRINGER	11895	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 131585

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201708693

Special Orders:

Total Depth: 16821

Ground Elevation: 1083

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 250

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: 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? 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

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

PERMIT NO: 17-33659

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? 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 3N Rge 4W County GARVIN

Spot Location of End Point: C N2 NE NE

Feet From: NORTH 1/4 Section Line: 30

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 11523

Radius of Turn: 382

Direction: 15

Total Length: 4698

Measured Total Depth: 16821

True Vertical Depth: 11895

End Point Location from Lease,
Unit, or Property Line: 30

Notes:

Category

Description

DEEP SURFACE CASING

1/9/2018 - 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

1/8/2018 - G57 - HYDRAULIC FRACTURING

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: OCCWEB.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

MEMO

1/16/2018 - G57 - PITS 1 & 2 - CONCRETE LINED PIT PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201708693

1/8/2018 - G57 - (E.O.) 30-3N-4W
X131585 SPRG
X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EXISTING WELLBORE
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 330' FEL
NO OP. NAMED
REC 1-16-2018 (MUIR)

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.

049 25181 LYLE 2-30HS

Category	Description
SPACING - 131585	1/8/2018 - G57 - (640) 30-3N-4W EST SPRG, OTHERS
WATERSHED STRUCTURE	1/8/2018 - G57 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 224-0523 PRIOR TO DRILLING



Well Location Plat

Operator : CONTINENTAL RESOURCES, INC.

API: 049 25181

EXHIBIT "A"
S.H.L. Sec. 31-3N-4W I.M.
B.H.L. Sec. 30-3N-4W I.M.
GARVIN COUNTY
(SHEET 2 OF 3)

NAD 27

Point	Northing	Easting	Elevation	Latitude/Longitude	Latitude/Longitude	Description	Design Elevation
20	501271	2099742	0.0			IRON ROD NWc 30-3N-4W	
21	495985	2099756	0.0			4" PIPE NWc 31-3N-4W	
22	490698	2099770	0.0			BRASS CAP SWc 31-3N-4W	
23	501286	2105010	0.0			CALC. NEc 30-3N-4W	
24	496010	2105047	0.0			IR W/CAP NEc 31-3N-4W	
25	490712	2105064	0.0			IR W/CAP SEc 31-3N-4W	
50	500842	2103513	0.0	LAT:34°42'32.84"N LON:97°39'20.09"W	LAT:34.70912181 LON:-97.65558154	AC - CLR KELLNER 1-19H OCC STATUS: AC, TVD: 20190'	
51	496195	2103961	0.0	LAT:34°41'46.86"N LON:97°39'14.92"W	LAT:34.69634875 LON:-97.65414468	AC - CLR LYLE 1-30H OCC STATUS: AC, TVD: 19190'	
52	497966	2101731	0.0	LAT:34°42'04.46"N LON:97°39'41.56"W	LAT:34.70123751 LON:-97.66154445	AC - CLR LYLE 1-30 OCC STATUS: PA, TVD: 17750'	
53	495733	2102463	0.0	LAT:34°41'42.34"N LON:97°39'32.88"W	LAT:34.69509326 LON:-97.65913269	AC - CLR RCL 1-31H OCC STATUS: AC, TVD: 19670'	
54	490964	2100139	0.0	LAT:34°40'55.24"N LON:97°40'00.90"W	LAT:34.68201037 LON:-97.66691649	AC - SYMPSON 1-6H OCC STATUS: AC, TVD: 21180'	
55	491091	2101069	0.0	LAT:34°40'56.47"N LON:97°39'49.76"W	LAT:34.68235207 LON:-97.66382284	AC - SYMPSON 11-6H OCC STATUS: AC, TVD: 18475'	
56	491061	2101069	0.0	LAT:34°40'56.17"N LON:97°39'49.76"W	LAT:34.68226964 LON:-97.66382291	AC - SYMPSON 13-6-7XH OCC STATUS: AC, TVD: 26319'	
57	491031	2101069	0.0	LAT:34°40'55.87"N LON:97°39'49.76"W	LAT:34.68218720 LON:-97.66382298	AC - SYMPSON 12-6-7XH OCC STATUS: AC, TVD: 22716'	
100	495693	2104648	1073.8'	LAT:34°41'41.87"N LON:97°39'06.71"W	LAT:34.69496344 LON:-97.65186387	A. LYLE #2-30HS 315' FNL - 400' FEL	1083.0'
200	496172	2104386	0.0	LAT:34°41'46.61"N LON:97°39'09.83"W	LAT:34.69628150 LON:-97.65273051	A. HEEL SLOT 165' FSL - 660' FEL	
300	501254	2104350	0.0	LAT:34°42'36.89"N LON:97°39'10.05"W	LAT:34.71024692 LON:-97.65279153	A. BOTTOM HOLE LOCATION 30' FNL - 660' FEL	

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 #5072-A

Date Staked : 11/14/14 By : J.W.

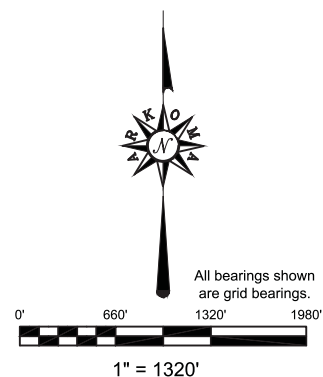
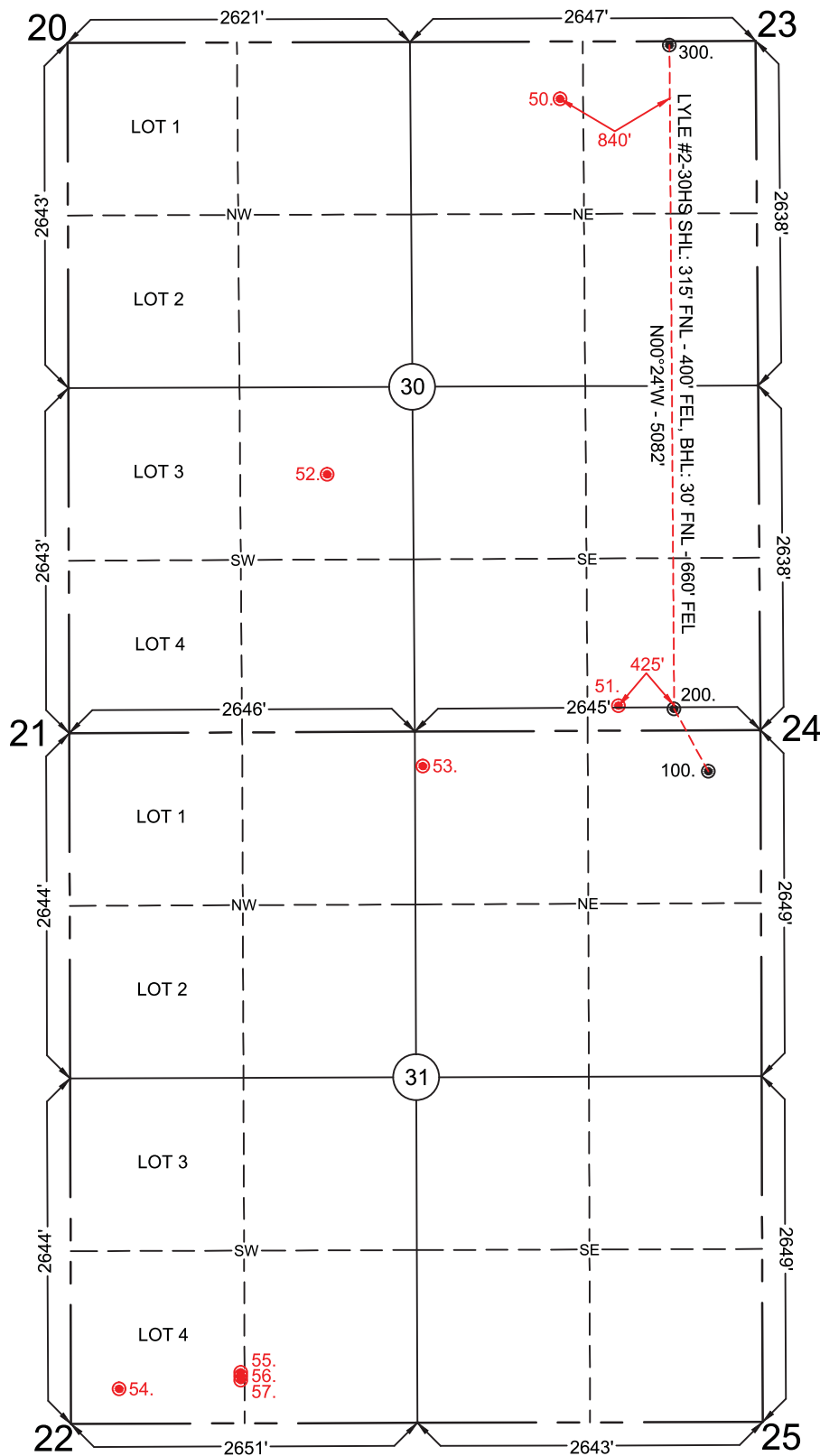
Date Drawn : 12/12/17 By : J.H.



Well Location Plat

Operator : CONTINENTAL RESOURCES, INC.

EXHIBIT "A"
S.H.L. Sec. 31-3N-4W I.M.
B.H.L. Sec. 30-3N-4W I.M.
GARVIN COUNTY
(SHEET 3 OF 3)



GPS DATUM
NAD 27
NAD 83
OK SOUTH ZONE

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 June 30, 2018

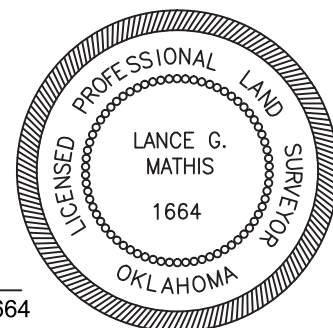
Certification:

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
LANCE G. MATHIS

12/14/17

OK LPLS 1664



Invoice #5072-A

Date Staked : 11/14/14 By : J.W.
Date Drawn : 12/12/17 By : J.H.