

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

API NUMBER: 011 23777

Approval Date: 04/12/2017
Expiration Date: 10/12/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 15N Rge: 12W County: BLAINE
SPOT LOCATION: NE NE NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 275 305

Lease Name: BAILEY Well No: 1-34-3XH Well will be 275 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

SHARON KAY LOOKABAUGH
PO BOX 183
GEARY OK 73040

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

	Name	Depth	Name	Depth
1	MISSISSIPPI LIME	12071	6	
2	MISS'AN LM	12309	7	
3			8	
4			9	
5			10	

Spacing Orders: 587453
117120

Location Exception Orders: 662464

Increased Density Orders:

Pending CD Numbers: 201700571

Special Orders:

Total Depth: 22088

Ground Elevation: 1613

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: No

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: 1B

Liner required for Category: 1B

Pit Location is BED AQUIFER

Pit Location Formation: MARLOW

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 17-32406

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 BED AQUIFER
Pit Location Formation: MARLOW

HORIZONTAL HOLE 1

Sec 03 Twp 14N Rge 12W County BLAINE
Spot Location of End Point: S2 SW SE SE
Feet From: SOUTH 1/4 Section Line: 50
Feet From: EAST 1/4 Section Line: 990
Depth of Deviation: 11581
Radius of Turn: 477
Direction: 185
Total Length: 9758
Measured Total Depth: 22088
True Vertical Depth: 12309
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, LOCATION EXCEPTION - 662464, and 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.

Category	Description
PENDING CD - 201700571	4/12/2017 - G64 - (I.O.) 34-15N-12W & 3-14N-12W EST MULTIUNIT HORIZONTAL WELL X587453 MSSLM 34-15N-12W X117120 MPLM 3-14N-12W 50% 34-15N-12W 50% 3-14N-12W CONTINENTAL RESOURCES, INC. REC. 2-21-2017 (NORRIS)
SPACING - 117120	4/12/2017 - G64 - (640) 3-14N-12W & 34-15N-12W EXT OTHERS EXT 102663/107747 CSTR, MPLM (VAC 34-15N-12W BY 587453)
SPACING - 587453	4/12/2017 - G64 - (640) 34-15N-12W VAC 117120 MSSLM VAC OTHERS EXT OTHER EST MSSLM, 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

EXHIBIT "A"
S.H.L. Sec. 34-15N-12W I.M
B.H.L. Sec. 3-14N-12W I.M
BLAINE COUNTY
(SHEET 1 OF 2)

Operator : CONTINENTAL RESOURCES, INC.

API: 011 23777

NAD 83

Point	Northing	Easting	Elevation	Latitude/Longitude	Latitude/Longitude	Description	Design Elevation
20	269581	1833487	1598.8	LAT:35°44'22.93"N LON:98°27'17.77"W	LAT:35.73970191 LON:-98.45493732	RR SPIKE NEc 34-15N-12W	
21	264310	1833454	1656.8	LAT:35°43'30.80"N LON:98°27'17.88"W	LAT:35.72522284 LON:-98.45496768	1/2 IRON ROD SEc 34-15N-12W	
22	259040	1833403	1718.4	LAT:35°42'38.68"N LON:98°27'18.20"W	LAT:35.71074320 LON:-98.45505671	IRON ROD SEc 3-14N-12W	
23	259065	1828133	1731.2	LAT:35°42'38.68"N LON:98°28'22.10"W	LAT:35.71074411 LON:-98.47280591	3/8" IR SWc 3-14N-12W	
24	264332	1828175	1691.6	LAT:35°43'30.76"N LON:98°28'21.90"W	LAT:35.72521232 LON:-98.47275004	R SPIKE SWc 34-15N-12W	
25	269596	1828225	1603.8	LAT:35°44'22.83"N LON:98°28'21.61"W	LAT:35.73967364 LON:-98.47267066	1/2 IRON ROD NWc 34-15N-12W	
50	268270	1832166	0.0	LAT:35°44'09.90"N LON:98°27'33.73"W	LAT:35.73608404 LON:-98.45937001	AC - COQUINA OIL BAHAN #1 OCC STATUS: PA, TVD: ±13,600'	
51	266304	1830174	0.0	LAT:35°43'50.36"N LON:98°27'57.78"W	LAT:35.73065598 LON:-98.46604911	AC - OTC/OCC NA OP RUTH #1 OCC STATUS: PA, TVD: -	
52	264561	1829468	0.0	LAT:35°43'33.10"N LON:98°28'06.24"W	LAT:35.72586073 LON:-98.46840046	AC - CLR DUNCAN #1-34H OCC STATUS: AC, TVD: 17,400'	
53	260378	1829614	0.0	LAT:35°42'51.73"N LON:98°28'04.22"W	LAT:35.71437038 LON:-98.46784020	AC - OTC/OCC NA CARTER #1-3 OCC STATUS: PA, TVD: ±10,892'	
54	259335	1829240	0.0	LAT:35°42'41.40"N LON:98°28'08.69"W	LAT:35.71149960 LON:-98.46908091	AC - CLR ROMACK #1-3H OCC STATUS: AC, TVD: 17,700'	
	269307	1833181	1611.2	LAT:35°44'20.20"N LON:98°27'21.48"W	LAT:35.73894486 LON:-98.45596662	A. BAILEY #1-34-3XH 275' FNL - 305' FEL	1612.8
200	268829	1832493	0.0	LAT:35°44'15.44"N LON:98°27'29.80"W	LAT:35.73762268 LON:-98.45827748	A. HEEL SLOT 755' FNL - 990' FEL	
300	259094	1832413	0.0	LAT:35°42'39.17"N LON:98°27'30.21"W	LAT:35.71088093 LON:-98.45839057	A. BOTTOM HOLE LOC. 50' FSL - 990' FEL	

NAD 27

Point	Northing	Easting	Elevation	Latitude/Longitude	Latitude/Longitude	Description	Design Elevation
20	269556	1865088	1598.8	LAT:35°44'22.76"N LON:98°27'16.52"W	LAT:35.73965557 LON:-98.45458789	RR SPIKE NEc 34-15N-12W	
21	264286	1865054	1656.8	LAT:35°43'30.63"N LON:98°27'16.63"W	LAT:35.72517615 LON:-98.45461868	1/2 IRON ROD SEc 34-15N-12W	
22	259015	1865003	1718.4	LAT:35°42'38.51"N LON:98°27'16.95"W	LAT:35.71069617 LON:-98.45470814	IRON ROD SEc 3-14N-12W	
23	259041	1859733	1731.2	LAT:35°42'38.51"N LON:98°28'20.84"W	LAT:35.71069696 LON:-98.47245662	3/8" IR SWc 3-14N-12W	
24	264307	1859776	1691.6	LAT:35°43'30.60"N LON:98°28'20.64"W	LAT:35.72516551 LON:-98.47240031	R SPIKE SWc 34-15N-12W	
25	269571	1859825	1603.8	LAT:35°44'22.66"N LON:98°28'20.35"W	LAT:35.73962717 LON:-98.47232050	1/2 IRON ROD NWc 34-15N-12W	
50	268245	1863766	0.0	LAT:35°44'09.74"N LON:98°27'32.47"W	LAT:35.73603758 LON:-98.45902051	AC - COQUINA OIL BAHAN #1 OCC STATUS: PA, TVD: ±13,600'	
51	266279	1861774	0.0	LAT:35°43'50.19"N LON:98°27'56.52"W	LAT:35.73060935 LON:-98.46569949	AC - OTC/OCC NA OP RUTH #1 OCC STATUS: PA, TVD: -	
52	264537	1861068	0.0	LAT:35°43'32.93"N LON:98°28'04.98"W	LAT:35.72581397 LON:-98.46805089	AC - CLR DUNCAN #1-34H OCC STATUS: AC, TVD: 17,400'	
53	260354	1861214	0.0	LAT:35°42'51.56"N LON:98°28'02.97"W	LAT:35.71432335 LON:-98.46749101	AC - OTC/OCC NA CARTER #1-3 OCC STATUS: PA, TVD: ±10,892'	
54	259310	1860841	0.0	LAT:35°42'41.23"N LON:98°28'07.43"W	LAT:35.71145249 LON:-98.46873175	AC - CLR ROMACK #1-3H OCC STATUS: AC, TVD: 17,700'	
100	269282	1864781	1611.2	LAT:35°44'20.03"N LON:98°27'20.22"W	LAT:35.73889849 LON:-98.45561717	A. BAILEY #1-34-3XH 275' FNL - 305' FEL	1612.8
200	268804	1864093	0.0	LAT:35°44'15.27"N LON:98°27'28.54"W	LAT:35.73757626 LON:-98.45792797	A. HEEL SLOT 755' FNL - 990' FEL	
300	259070	1864013	0.0	LAT:35°42'39.00"N LON:98°27'28.95"W	LAT:35.71083388 LON:-98.45804186	A. BOTTOM HOLE LOC. 50' FSL - 990' FEL	

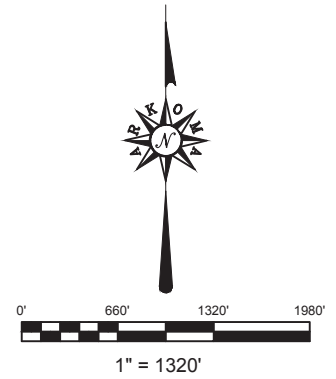
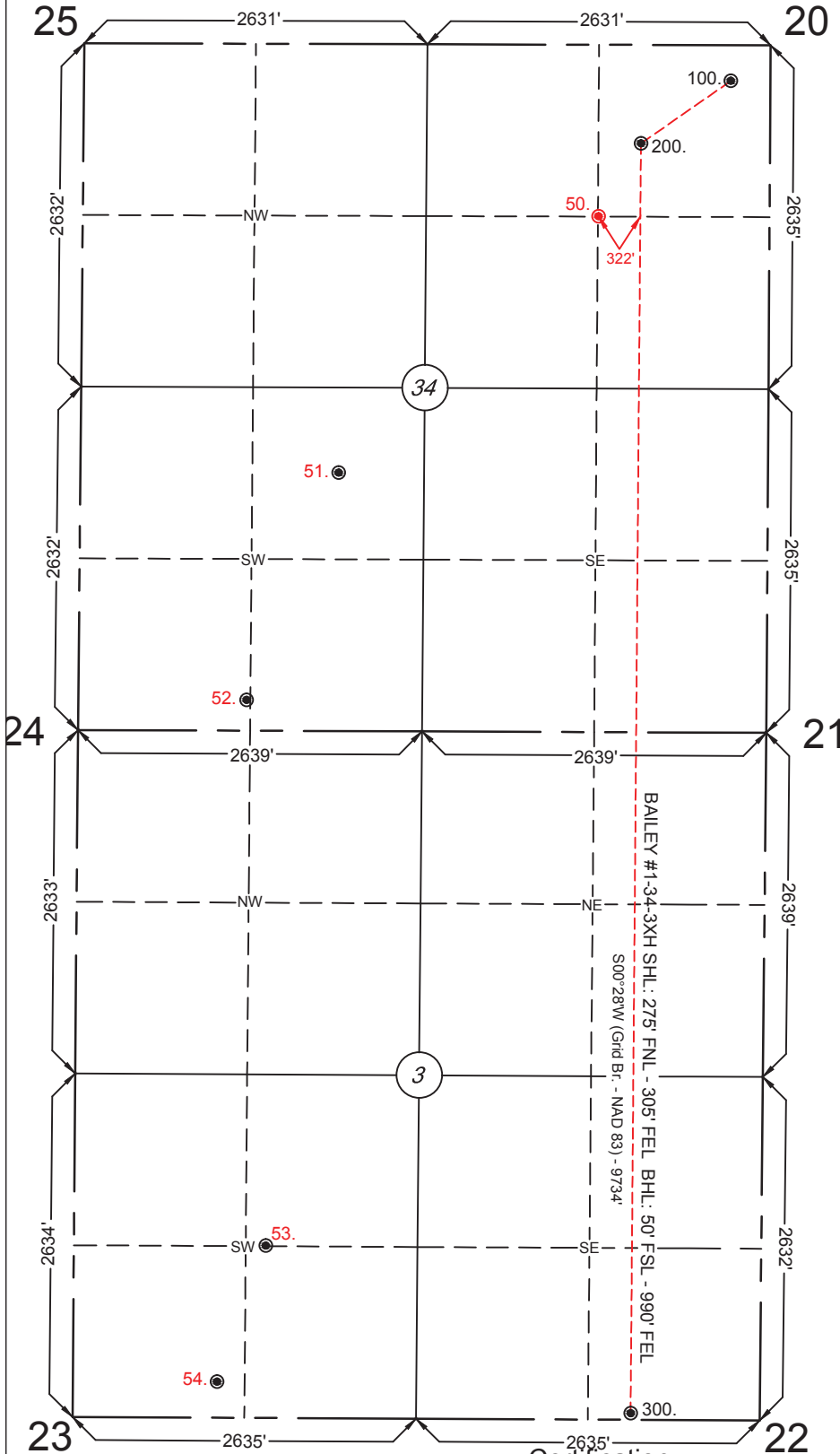
survey and plat by,
Arkoma Surveying and Mapping, PLLC
P.O. Box 238 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-5030
Certificate of Authorization No. 5348
Expires June 30, 2018
Invoice #6155-C
Date Staked : 02/09/17 By : C.K.
Date Drawn : 02/11/17 By : J.H.



Well Location Plat

Operator : CONTINENTAL RESOURCES, INC.

EXHIBIT "A"
S.H.L. Sec. 34-15N-12W I.M
B.H.L. Sec. 3-14N-12W I.M
BLAINE COUNTY
(SHEET 2 OF 2)



GPS DATUM
NAD - 27
NAD - 83
OK NORTH ZONE

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 herein 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 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.

Invoice #6155-C
Date Staked : 02/09/17 By : C.K.
Date Drawn : 02/11/17 By : J.H.

LANCE G. MATHIS

03/09/17
OK LPLS 1664

