

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

API NUMBER: 011 23883

Approval Date: 11/22/2017

Expiration Date: 05/22/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 13N Rge: 12W

County: BLAINE

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 285 350

Lease Name: COOKSEY

Well No: 1-3-34XH

Well will be 285 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

HOUSTON MCSPERITT
RR. 1, BOX 74
GEARY OK 73040

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	12270	6	
2	WOODFORD	14200	7	
3			8	
4			9	
5			10	

Spacing Orders: 657276
659251
664299

Location Exception Orders: 664437

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 23558

Ground Elevation: 1723

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 230

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: 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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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

PERMIT NO: 17-33389

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: 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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 34 Twp 14N Rge 12W County BLAINE

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 350

Depth of Deviation: 13115

Radius of Turn: 393

Direction: 360

Total Length: 9826

Measured Total Depth: 23558

True Vertical Depth: 14200

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

Notes:

Category

Description

DEEP SURFACE CASING

11/14/2017 - 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

11/14/2017 - 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

LOCATION EXCEPTION - 664437

11/21/2017 - G57 - (I.O.) 3-13N-12W & 34-14N-12W
X657276 MSSP, WDFD 3-13N-12W
X659251 MSSP, WDFD 34-14N-12W
SHL 200' FSL, 440' FWL
COMPL. INT. (3-13N-12W) NCT 150' FSL, NCT 0' FNL, NCT 330' FWL
COMPL. INT. (34-14N-12W) NCT 0' FSL, NCT 150' FNL, NCT 330' FWL
CONTINENTAL RESOURCES, INC.
6/6/17

MEMO

11/14/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 1 – CUTTINGS WILL BE SOIL FARMED, PIT 2 – OBM RETURNED 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.

011 23883 COOKSEY 1-3-34XH

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
SPACING - 657276	11/21/2017 - G57 - (640) 3-13N-12W EXT 651613 MSSP, WDFD
SPACING - 659251	11/21/2017 - G57 - (640) 34-14N-12W VAC 115876 CSTR, MSSLM, OTHER EXT 651613 MSSP, WDFD, OTHER EST OTHER
SPACING - 664299	11/21/2017 - G57 - (I.O.) 3-13N-12W & 34-14N-12W EST MULTIUNIT HORIZONTAL WELL X657276 MSSP, WDFD 3-13N-12W X659251 MSSP, WDFD 34-14N-12W (WDFD ASSOCIATED COMMON SOURCE OF SUPPLY TO MSSP) 50% 3-13N-12W 50% 34-14N-12W NO OP. NAMED 6/2/17

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

API: 011 23883

EXHIBIT "A"
S.H.L. Sec. 3-13N-12W I.M.
B.H.L. Sec. 34-14N-12W I.M.
 BLAINE COUNTY
 (SHEET 1 OF 3)

Operator : CONTINENTAL RESOURCES, INC.

NAD 83

Point	Northing	Easting	Elevation	Latitude/Longitude	Latitude/Longitude	Description	Design Elevation
20	237967	1828086	0.0			MAG NAIL NWc COR 34-14N-12W	
21	232699	1828068	0.0			1/2" IR NWc 3-13N-12W	
22	227486	1828084	0.0			3/8" SW COR 3-13N-12W	
23	227462	1830725	0.0			STEEL CORNER POST S/4 3-13N-12W	
24	237936	1833348	0.0			PK NAIL NEc 34-14N-12W	
25	232676	1833365	0.0			3/8" IR SEc 34-14N-12W	
26	227435	1833360	0.0			STEEL CORNER POST SEc 3-13N-12W	
50	228794	1829400	0.0	LAT:35°37'39.37"N LON:98°28'04.98"W	LAT:35.62760180 LON:-98.46804862	AC-BECK P&S HILDA HOUSTON 1-3 OCC STATUS: PA, TVD: 10970'	
51	231422	1829592	0.0	LAT:35°38'05.37"N LON:98°28'02.80"W	LAT:35.63482514 LON:-98.46744531	AC-UNIT PETRO. MYRA WRIGHT 1-3 OCC STATUS: AC, TVD: 12311'	
52	234002	1832041	0.0	LAT:35°38'30.99"N LON:98°27'33.28"W	LAT:35.64194255 LON:-98.45924471	AC-COTTON PETRO. COOKSEY 1 OCC STATUS: PA, TVD: 11796'	
53	236633	1832037	0.0	LAT:35°38'57.02"N LON:98°27'33.48"W	LAT:35.64917097 LON:-98.45929930	AC-COMANCHE RES. COOKSEY 2-34 OCC STATUS: PA, TVD: 11896'	
54	237638	1833099	0.0	LAT:35°39'07.00"N LON:98°27'20.67"W	LAT:35.65194554 LON:-98.45574097	AC-NEWFIELD PETERS 1412 1H OCC STATUS: AC, TVD: 18551'	
55	237310	1828744	0.0	LAT:35°39'03.55"N LON:98°28'13.42"W	LAT:35.65098684 LON:-98.47039325	AC-NEWFIELD HOUSTON 1-34 OCC STATUS: AC, TVD: 11950'	
100	227768	1828433	1723.1'	LAT:35°37'29.17"N LON:98°28'16.63"W	LAT:35.62477004 LON:-98.47128514	A. COOKSEY #1-3-34XH 285' FSL - 350' FWL	1723.1'
200	228248	1828431	0.0	LAT:35°37'33.92"N LON:98°28'16.67"W	LAT:35.62608874 LON:-98.47129793	A. HEEL SLOT 765' FSL - 350' FWL	
300	237915	1828436	0.0	LAT:35°39'09.53"N LON:98°28'17.18"W	LAT:35.65264651 LON:-98.47143930	A. BOTTOM HOLE LOCATION 50' FNL - 350' 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 #7434

Date Staked : 10/20/17 By : H.S.

Date Drawn : 10/30/17 By : J.H.



Well Location Plat

Operator : CONTINENTAL RESOURCES, INC.

EXHIBIT "A"
S.H.L. Sec. 3-13N-12W I.M.
B.H.L. Sec. 34-14N-12W I.M.
BLAINE COUNTY
(SHEET 2 OF 3)

NAD 27

Point	Northing	Easting	Elevation	Latitude/Longitude	Latitude/Longitude	Description	Design Elevation
20	237943	1859686	0.0			MAG NAIL NWc COR 34-14N-12W	
21	232674	1859667	0.0			1/2" IR NWc 3-13N-12W	
22	227462	1859683	0.0			3/8" SW COR 3-13N-12W	
23	227437	1862324	0.0			STEEL CORNER POST S/4 3-13N-12W	
24	237912	1864948	0.0			PK NAIL NEc 34-14N-12W	
25	232651	1864965	0.0			3/8" IR SEc 34-14N-12W	
26	227410	1864959	0.0			STEEL CORNER POST SEc 3-13N-12W	
50	228769	1860999	0.0	LAT:35°37'39.19"N LON:98°28'03.73"W	LAT:35.62755272 LON:-98.46770204	AC-BECK P&S HILDA HOUSTON 1-3 OCC STATUS: PA, TVD: 10970'	
51	231398	1861191	0.0	LAT:35°38'05.19"N LON:98°28'01.55"W	LAT:35.63477623 LON:-98.46709853	AC-UNIT PETRO. MYRA WRIGHT 1-3 OCC STATUS: AC, TVD: 12311'	
52	233977	1863640	0.0	LAT:35°38'30.82"N LON:98°27'32.03"W	LAT:35.64189385 LON:-98.45889803	AC-COTTON PETRO. COOKSEY 1 OCC STATUS: PA, TVD: 11796'	
53	236608	1863637	0.0	LAT:35°38'56.84"N LON:98°27'32.23"W	LAT:35.64912245 LON:-98.45895240	AC-COMANCHE RES. COOKSEY 2-34 OCC STATUS: PA, TVD: 11896'	
54	237613	1864699	0.0	LAT:35°39'06.83"N LON:98°27'19.42"W	LAT:35.65189710 LON:-98.45539413	AC-NEWFIELD PETERS 1412 1H OCC STATUS: AC, TVD: 18551'	
55	237285	1860344	0.0	LAT:35°39'03.38"N LON:98°28'12.17"W	LAT:35.65093830 LON:-98.47004588	AC-NEWFIELD HOUSTON 1-34 OCC STATUS: AC, TVD: 11950'	
100	227743	1860032	1723.1'	LAT:35°37'29.00"N LON:98°28'15.38"W	LAT:35.62472088 LON:-98.47093853	A. COOKSEY #1-3-34XH 285' FSL - 350' FWL	1723.1'
200	228223	1860031	0.0	LAT:35°37'33.74"N LON:98°28'15.42"W	LAT:35.62603961 LON:-98.47095127	A. HEEL SLOT 765' FSL - 350' FWL	
300	237891	1860036	0.0	LAT:35°39'09.35"N LON:98°28'15.93"W	LAT:35.65259801 LON:-98.47109183	A. BOTTOM HOLE LOCATION 50' FNL - 350' 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

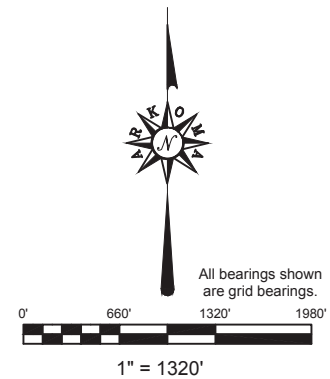
Invoice #7434

Date Staked : 10/20/17 By : H.S.

Date Drawn : 10/30/17 By : J.H.



EXHIBIT "A"
S.H.L. Sec. 3-13N-12W I.M.
B.H.L. Sec. 34-14N-12W I.M.
BLAINE COUNTY
(SHEET 3 OF 3)



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.

11/01/17
OK LPLS 1664

