

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

API NUMBER: 043 23565 A

Approval Date: 11/02/2017  
Expiration Date: 05/02/2018

Horizontal Hole Oil & Gas

Amend reason: CHANGE TO HORIZONTAL OIL/GAS WELL

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 16N Rge: 14W

County: DEWEY

SPOT LOCATION: ☐ SE ☐ SE ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 310 1360

Lease Name: ELECTA

Well No: 1-10-3XHW

Well will be 310 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

JOE LITSCH  
2518 WILDWOOD PLACE  
DUNCAN OK 73533

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

	Name	Depth	Name	Depth
1	WOODFORD	11952	6	
2	HUNTON	12025	7	
3			8	
4			9	
5			10	

Spacing Orders: 99559  
593840  
576227

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201706869  
201706870  
201706871

Special Orders:

Total Depth: 21248

Ground Elevation: 1842

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 210

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: 17-33194

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 03 Twp 16N Rge 14W County DEWEY

Spot Location of End Point: N2 N2 N2 NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 1320

Depth of Deviation: 10830

Radius of Turn: 393

Direction: 3

Total Length: 9801

Measured Total Depth: 21248

True Vertical Depth: 12025

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

### Notes:

#### Category

#### Description

DEEP SURFACE CASING

11/1/2017 - G57 - 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

11/1/2017 - G57 - 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](http://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](http://FRACFOCUS.ORG)

INTERMEDIATE CASING

11/1/2017 - G57 - 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

11/1/2017 - G57 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201706869

11/6/2017 - G60 - 3-16N-14W  
X593840 WDFD  
1 WELL  
NO OP. NAMED  
REC. 11/6/17 (NORRIS)

This permit does not address the right of entry or settlement of surface damages.

043 23565 ELECTA 1-10-3XHW

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 - 201706870	11/6/2017 - G60 - (I.O.) 10 & 3-16N-14W EST MULTIUNIT HORIZONTAL WELL X576227 (10-16N-14W) WDFD X99559 (10-16N-14W) HNTN X593840 (3-16N-14W) WDFD X99559 (3-16N-14W) HNTN 50% (3-16N-14W) 50% (10-16N-14W) NO OP. NAMED REC. 11/6/17 (NORRIS)
PENDING CD - 201706871	11/6/2017 - G60 - (I.O.) 10 & 3-16N-14W X576227 (10-16N-14W) WDFD X99559 (10-16N-14W) HNTN X593840 (3-16N-14W) WDFD X99559 (3-16N-14W) HNTN COMPL. INT. (10-16N-14W) NCT 150' FSL, NCT 0' FNL, NCT 660' FEL COMPL. INT. (3-16N-14W) NCT 0' FSL, 150' FNL, NCT 660' FEL NO OP. NAMED REC. 11/6/17 (NORRIS)
SPACING - 576227	11/6/2017 - G60 - (640) 10-16N-14W EXT 575441 WDFD EXT OTHER
SPACING - 593840	11/6/2017 - G60 - (640)(HOR) 3-16N-14W EST WDFD COMPL. INT. NCT 165' FNL/FSL, NCT 330' FEL/FWL (SUPERCEDE EXISTING NON-DEVELOPED NON-HORIZONTAL DRILLING AND SPACING UNITS)
SPACING - 99559	11/6/2017 - G60 - (640) 3 & 10-16N-14W VAC OTHER EXT OTHERS EST HNTN, 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.

3504323565

NAD 83

EXHIBIT "A"  
S.H.L. Sec. 10-16N-14W I.M.  
B.H.L. Sec. 3-16N-14W I.M.  
DEWEY COUNTY  
(SHEET 1 OF 2)

GPS DATUM  
OK NORTH ZONE

Point	Northing	Easting	Elevation	Latitude/Longitude	Latitude/Longitude	Description	Design Elevation
20	327891	1765490	0.0			1/2" IR NWc 3-16N-14W	
21	327840	1770764	0.0			IR/CAP NEc 3-16N-14W	
22	322868	1770726	0.0			5/8" IR NEc 10-16N-14W	
23	317579	1770693	0.0			PK NAIL SEc 10-16N-14W	
24	317547	1765380	0.0			1/2" IR/CAP SWc 10-16N-14W	
25	322830	1765445	0.0			1/2" IR/CAP NWc 10-16N-14W	
50	318891	1769369	0.0	LAT:35°52'26.91"N LON:98°40'19.68"W	LAT:35.87414088 LON:-98.67213447	PA - PETROCORP INC. "LITSCH 1-10" OCC STATUS: PA, TVD: 10370'	
51	321531	1768734	0.0	LAT:35°52'52.96"N LON:98°40'27.63"W	LAT:35.88137904 LON:-98.67434079	PA - FLAG-REDFERN OIL CO. "LITSCH 1-10" OCC STATUS: PA, TVD: 10340'	
52	322195	1769400	0.0	LAT:35°52'59.58"N LON:98°40'19.59"W	LAT:35.88321688 LON:-98.67210739	AC - ZEPHYR SWD LLC "LITSCH 10-1" OCC STATUS: AC, TVD: 10260'	
53	323095	1770398	0.0	LAT:35°53'08.55"N LON:98°40'07.53"W	LAT:35.88570949 LON:-98.66875854	AC - CONTINENTAL "BECK 1-3H" OCC STATUS: AC, TVD: 15964'	
54	324914	1768723	0.0	LAT:35°53'26.42"N LON:98°40'28.04"W	LAT:35.89067231 LON:-98.67445669	AC - ZEPHYR SWD LLC "SCHEFFLER 3-1" OCC STATUS: AC, TVD: 10250'	
100	317881	1769335	1841.8'	LAT:35°52'16.91"N LON:98°40'20.01"W	LAT:35.87136506 LON:-98.67222629	A. ELECTA #1-10-3XH 310' FSL - 1360' FEL	1842.0'
200	318361	1769378	0.0	LAT:35°52'21.67"N LON:98°40'19.53"W	LAT:35.87268523 LON:-98.67209108	A. HEEL SLOT 790' FSL - 1320' FEL	
300	327803	1769443	0.0	LAT:35°53'55.05"N LON:98°40'19.53"W	LAT:35.89862393 LON:-98.67209130	A. BOTTOM HOLE LOCATION 50' FNL - 1320' FEL	

GPS DATUM  
OK NORTH ZONE

NAD 27

Point	Northing	Easting	Elevation	Latitude/Longitude	Latitude/Longitude	Description	Design Elevation
20	327866	1797092	0.0			1/2" IR NWc 3-16N-14W	
21	327815	1802366	0.0			IR/CAP NEc 3-16N-14W	
22	322842	1802329	0.0			5/8" IR NEc 10-16N-14W	
23	317554	1802296	0.0			PK NAIL SEc 10-16N-14W	
24	317521	1796982	0.0			1/2" IR/CAP SWc 10-16N-14W	
25	322805	1797048	0.0			1/2" IR/CAP NWc 10-16N-14W	
50	318866	1800971	0.0	LAT:35°52'26.75"N LON:98°40'18.38"W	LAT:35.87409585 LON:-98.67177285	PA - PETROCORP INC. "LITSCH 1-10" OCC STATUS: PA, TVD: 10370'	
51	321505	1800336	0.0	LAT:35°52'52.80"N LON:98°40'26.32"W	LAT:35.88133417 LON:-98.67397891	PA - FLAG-REDFERN OIL CO. "LITSCH 1-10" OCC STATUS: PA, TVD: 10340'	
52	322169	1801002	0.0	LAT:35°52'59.42"N LON:98°40'18.28"W	LAT:35.88317208 LON:-98.67174557	AC - ZEPHYR SWD LLC "LITSCH 10-1" OCC STATUS: AC, TVD: 10260'	
53	323070	1802000	0.0	LAT:35°53'08.39"N LON:98°40'06.23"W	LAT:35.88566479 LON:-98.66839680	AC - CONTINENTAL "BECK 1-3H" OCC STATUS: AC, TVD: 15964'	
54	324888	1800325	0.0	LAT:35°53'26.26"N LON:98°40'26.74"W	LAT:35.89062767 LON:-98.67409460	AC - ZEPHYR SWD LLC "SCHEFFLER 3-1" OCC STATUS: AC, TVD: 10250'	
100	317856	1800937	1841.8'	LAT:35°52'16.75"N LON:98°40'18.71"W	LAT:35.87131996 LON:-98.67186473	A. ELECTA #1-10-3XH 310' FSL - 1360' FEL	1842.0'
200	318336	1800980	0.0	LAT:35°52'21.50"N LON:98°40'18.23"W	LAT:35.87264017 LON:-98.67172949	A. HEEL SLOT 790' FSL - 1320' FEL	
300	327778	1801046	0.0	LAT:35°53'54.89"N LON:98°40'18.22"W	LAT:35.89857951 LON:-98.67172912	A. BOTTOM HOLE LOCATION 50' FNL - 1320' 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 #7144

Date Staked : 05/19/17 By : D.A.

Date Drawn : 05/26/17 By : K.M.



# Well Location Plat

Operator : CONTINENTAL RESOURCES, INC.

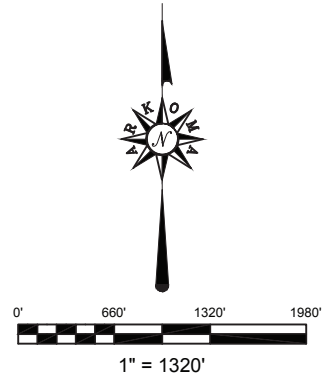
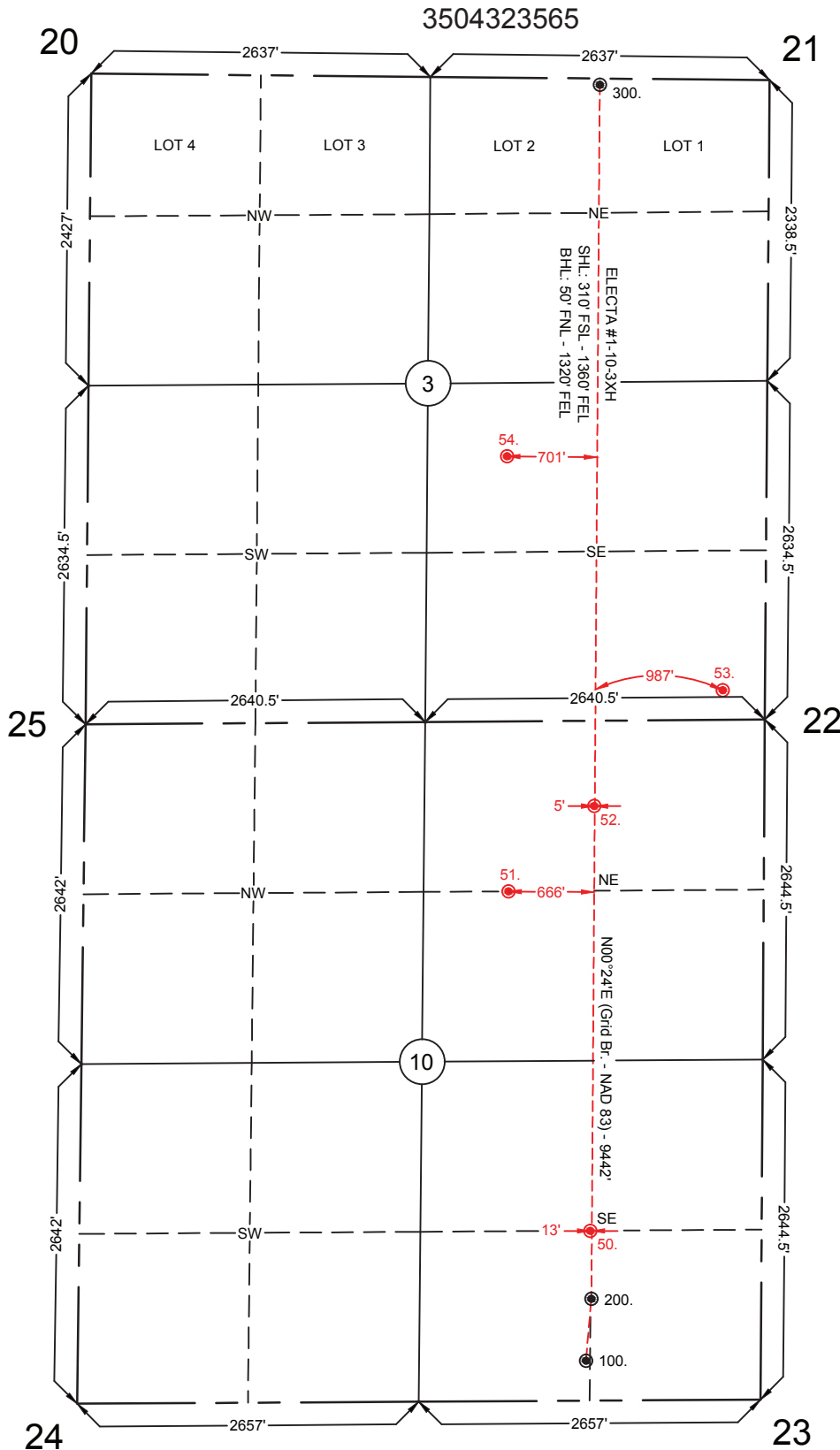
EXHIBIT "A"

S.H.L. Sec. 10-16N-14W I.M.

B.H.L. Sec. 3-16N-14W I.M.

DEWEY COUNTY

(SHEET 2 OF 2)



GPS DATUM

NAD 27

NAD 83

OK NORTH 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:

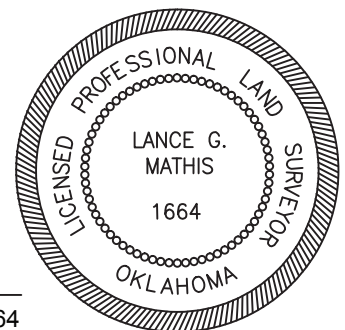
This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

*Lance G. Mathis*

LANCE G. MATHIS

06/01/17

OK LPLS 1664



Invoice #7144

Date Staked : 05/19/17 By : D.A.

Date Drawn : 05/26/17 By : K.M.