

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

API NUMBER: 039 22516

Approval Date: 09/22/2017
Expiration Date: 03/22/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 13N Rge: 15W County: CUSTER
SPOT LOCATION: NE SW SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 380 550

Lease Name: EAGLE Well No: 1R-15-10XH Well will be 380 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

HARRISON REEVES CORNELL
P.O. BOX 658
WEATHERFORD OK 73096

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

Name	Depth	Name	Depth
1 SPRINGER	13300	6	
2 MISSISSIPPIAN	14200	7	
3 WOODFORD	16400	8	
4		9	
5		10	

Spacing Orders: 122614
170633
136387
667703
667043

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201703173
201703174

Special Orders:

Total Depth: 25655 Ground Elevation: 1712 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 540

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

PIT 1 INFORMATION

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 BED AQUIFER

Pit Location Formation: RUSH SPRINGS

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 17-32762

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 BED AQUIFER

Pit Location Formation: RUSH SPRINGS

HORIZONTAL HOLE 1

Sec 10 Twp 13N Rge 15W County CUSTER

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 375

Depth of Deviation: 15223

Radius of Turn: 477

Direction: 358

Total Length: 9683

Measured Total Depth: 25655

True Vertical Depth: 16400

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

Notes:

Category

Description

DEEP SURFACE CASING

9/22/2017 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

9/22/2017 - 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

INTENT TO DRILL

9/22/2017 - G75 - SKID RIG PER OPERATOR REQUEST

MEMO

9/22/2017 - G75 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 1 – WBM & CUTTINGS TO BE SOIL FARMED; PIT 2 – OBM 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.
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 - 201703173	9/22/2017 - G75 - (I.O.) 15 & 10-13N-15W EST MULTIUNIT HORIZONTAL WELL X136387 SPRG, MSSP 15-13N-15W X667043 WDFD 15-13N-15W X122614/170633 SPRG, MSSP 10-13N-15W X667703 WDFD 10-13N-15W (SPRG, WDFD ASSOCIATED COMMON SOURCES OF SUPPLY TO MSSP) 50% 15-13N-15W 50% 10-13N-15W CONTINENTAL RESOURCES, INC. REC 6-5-2017 (NORRIS)
PENDING CD - 201703174	9/22/2017 - G75 - (I.O.) 15 & 10-13N-15W X136387 SPRG, MSSP 15-13N-15W X667043 WDFD 15-13N-15W X122614/170633 SPRG, MSSP 10-13N-15W X667703 WDFD 10-13N-15W COMPL. INT. (15-13N-15W) NCT 150' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (10-13N-15W) NCT 0' FSL, NCT 150' FNL, NCT 330' FWL CONTINENTAL RESOURCES, INC. REC 6-5-2017 (NORRIS)
SPACING - 122614	9/22/2017 - G75 - (640) 10-13N-15W EXT OTHERS EXT 65865/120632 MSSP, OTHER EXT 41845/VAR/120632 SPRG
SPACING - 136387	9/22/2017 - G75 - (640) 15-13N-15W EXT OTHER EXT 65865/130882 MSSP, OTHERS EXT 84723 SPRG
SPACING - 170633	9/22/2017 - G75 - NPT 122614 TO INCLUDE 10-13N-15W FOR MRRW & CHRK SPACING
SPACING - 667043	9/22/2017 - G75 - (640) 15-13N-15W VAC OTHERS EXT OTHERS EST WDFD, OTHERS
SPACING - 667703	9/22/2017 - G75 - (640) 10-13N-15W VAC OTHERS EXT OTHERS EST 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

EXHIBIT "A"
 S.H.L. Sec. 15-13N-15W I.M.
 B.H.L. Sec. 10-13N-15W I.M.
 CUSTER COUNTY
 (SHEET 1 OF 2)

Operator : CONTINENTAL RESOURCES, INC.

API 039-22516

NAD 83

Point	Northing	Easting	Elevation	Latitude/Longitude	Latitude/Longitude	Description	Design Elevation
20	228116	1733201	0.0			1/2" IR NWc 10-13N-15W	
21	222840	1733146	0.0			GLO CALC. NWc 15-13N-15W	
22	217560	1733134	0.0			1/2" IR SWc 15-13N-15W	
23	228047	1738510	0.0			RR SPIKE NEc 10-13N-15W	
24	222793	1738466	0.0			3/8 "IR SEc 10-13N-15W	
25	217502	1738430	0.0			RD.OCCP. SEc 15-13N-15W	
50	227414	1737169	0.0	LAT:35°37'19.87"N LON:98°46'42.02"W	LAT:35.62218596 LON:-98.77833897	AC - OTC/OCC NA DICKEY 1-10 OCC STATUS: PA, TVD: 12550'	
51	226784	1734508	0.0	LAT:35°37'13.42"N LON:98°47'14.20"W	LAT:35.62039409 LON:-98.78727790	AC - DAVIS OIL DICKEY 1 OCC STATUS: PA, TVD: 12888'	
80	217651	1734005	0.0	LAT:35°35'43.06"N LON:98°47'19.38"W	LAT:35.59529433 LON:-98.78871743	OLD WATER WELL	
81	217881	1733425	0.0	LAT:35°35'45.29"N LON:98°47'26.44"W	LAT:35.59591275 LON:-98.79067707	OLD WINDMILL WITH WATER WELL	
100	217934	1733685	1710.9'	LAT:35°35'45.84"N LON:98°47'23.29"W	LAT:35.59606596 LON:-98.78980220	A. EAGLE #1R-15-10XH 380' FSL - 550' FWL	1710.9'
200	218416	1733511	0.0	LAT:35°35'50.59"N LON:98°47'25.44"W	LAT:35.59738601 LON:-98.79040034	A. HEEL SLOT 860' FSL - 375' FWL	
300	228061	1733576	0.0	LAT:35°37'25.98"N LON:98°47'25.61"W	LAT:35.62388273 LON:-98.79044752	A. BOTTOM HOLE LOCATION 50' FNL - 375' FWL	

NAD 27

Point	Northing	Easting	Elevation	Latitude/Longitude	Latitude/Longitude	Description	Design Elevation
20	228091	1764802	0.0			1/2" IR NWc 10-13N-15W	
21	222815	1764747	0.0			GLO CALC. NWc 15-13N-15W	
22	217535	1764735	0.0			1/2" IR SWc 15-13N-15W	
23	228021	1770111	0.0			RR SPIKE NEc 10-13N-15W	
24	222768	1770066	0.0			3/8 "IR SEc 10-13N-15W	
25	217477	1770030	0.0			RD.OCCP. SEc 15-13N-15W	
50	227389	1768770	0.0	LAT:35°37'19.69"N LON:98°46'40.73"W	LAT:35.62213533 LON:-98.77798054	AC - OTC/OCC NA DICKEY 1-10 OCC STATUS: PA, TVD: 12550'	
51	226758	1766108	0.0	LAT:35°37'13.24"N LON:98°47'12.91"W	LAT:35.62034353 LON:-98.78691918	AC - DAVIS OIL DICKEY 1 OCC STATUS: PA, TVD: 12888'	
80	217626	1765606	0.0	LAT:35°35'42.88"N LON:98°47'18.09"W	LAT:35.59524340 LON:-98.78835956	OLD WATER WELL	
81	217856	1765025	0.0	LAT:35°35'45.10"N LON:98°47'25.15"W	LAT:35.59586186 LON:-98.79031911	OLD WINDMILL WITH WATER WELL	
100	217909	1765286	1711.8	LAT:35°35'45.65"N LON:98°47'22.00"W	LAT:35.59601507 LON:-98.78944427	A. EAGLE #1R-15-10XH 380' FSL - 550' FWL	1710.9'
200	218391	1765112	0.0	LAT:35°35'50.41"N LON:98°47'24.15"W	LAT:35.59733513 LON:-98.79004235	A. HEEL SLOT 860' FSL - 375' FWL	
300	228036	1765177	0.0	LAT:35°37'25.80"N LON:98°47'24.32"W	LAT:35.62383225 LON:-98.79008855	A. BOTTOM HOLE LOCATION 50' FNL - 375' 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 #7126-A

Date Staked : 05/08/17 By : C.K.

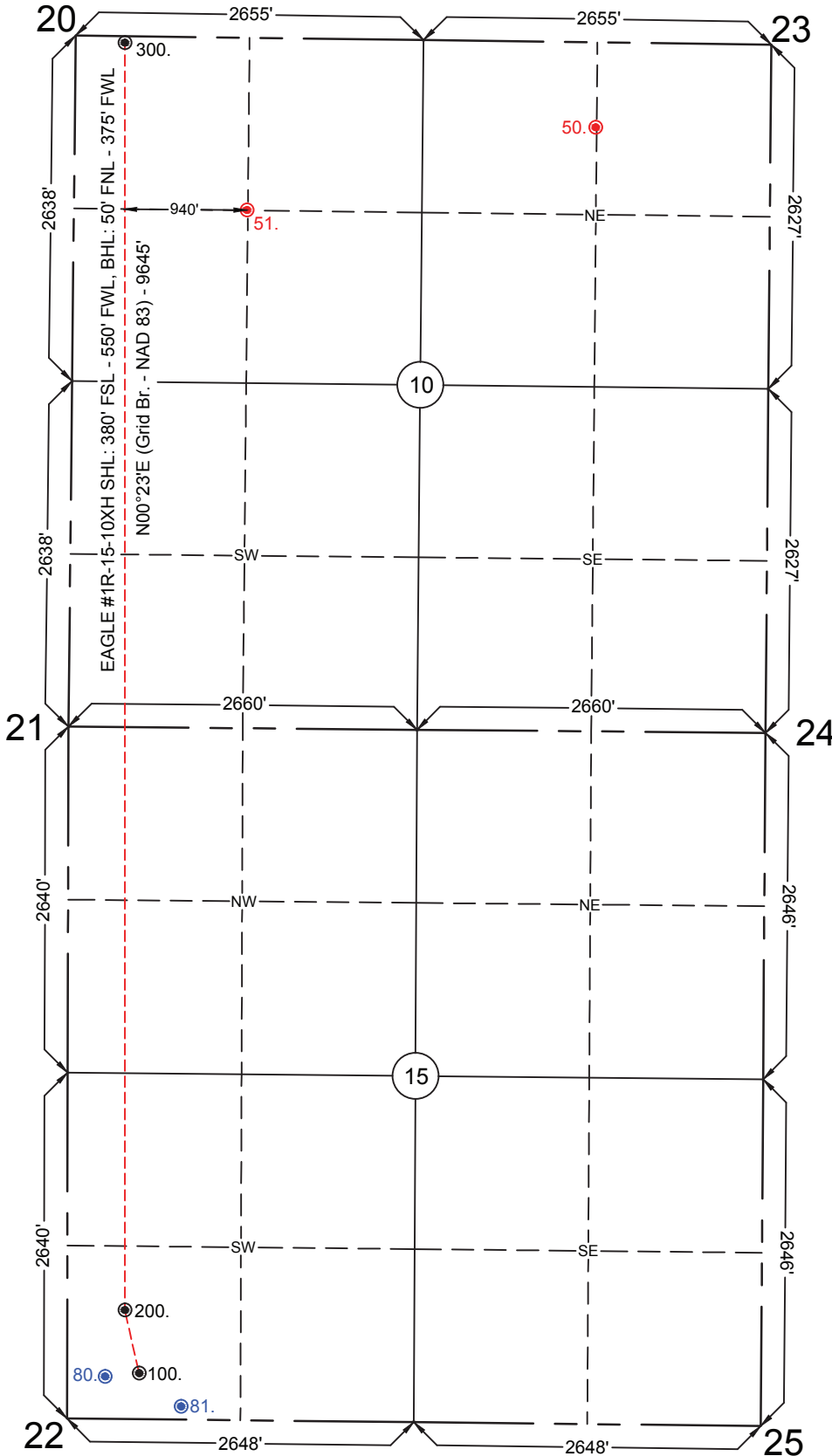
Date Drawn : 09/10/17 By : J.H.



Well Location Plat

EXHIBIT "A"
S.H.L. Sec. 15-13N-15W I.M.
B.H.L. Sec. 10-13N-15W I.M.
CUSTER COUNTY
(SHEET 2 OF 2)

Operator : CONTINENTAL RESOURCES, INC.



1" = 1320'

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

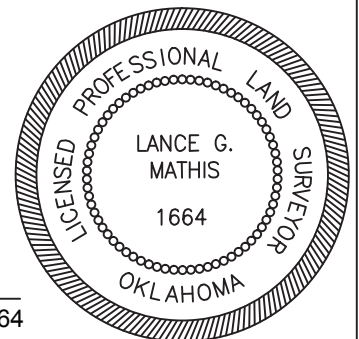
Certification:

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

09/13/17

OK LPLS 1664



Invoice #7126-A

Date Staked : 05/08/17 By : C.K.

Date Drawn : 09/10/17 By : J.H.