API NUMBER: 011 23930

Wellhead Protection Area? N

Liner not required for Category: C
Pit Location is AP/TE DEPOSIT
Pit Location Formation: TERRACE

Category of Pit: C

is located in a Hydrologically Sensitive Area.

Oil & Gas

Horizontal Hole

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

Approval Date: 01/31/2018
Expiration Date: 07/31/2018

PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 15N Rge: 13W	County: BLAINE			
OF OF ECOATION. OL OL OL OL	ET FROM QUARTER: FROM SO CTION LINES:	UTH FROM EAST		
Se	280	230		
Lease Name: RANDOLPH	Well No: 1-3	34-27XHM	Well will be 230 feet from nearest unit or lease boundary.	
Operator CONTINENTAL RESOURCES INC Name:		Telephone: 4052349020; 4052349	OTC/OCC Number: 3186 0	
CONTINENTAL RESOURCES INC		KAREN M. F	BRINGHAM LIVING TRUST	
PO BOX 269000			JBER AVENUE	
OKLAHOMA CITY, OK 73	126-9000	WEATHERF		
1 MISSISSIPPIAN 2 3 4 5 Spacing Orders: No Georgie	12526 Location Exception Ord	6 7 8 9 10	Increased Density Orders:	
No Spacing				
Pending CD Numbers: 201707992 201800502			Special Orders:	
Total Depth: 20140 Ground Elevation: 1707	Surface Cas	sing: 1500	Depth to base of Treatable Water-Bearing FM: 140	
Under Federal Jurisdiction: No	Fresh Water Su	oply Well Drilled: No	Surface Water used to Drill: Yes	
PIT 1 INFORMATION		Approved Method for disp	posal of Drilling Fluids:	
Type of Pit System: CLOSED Closed System Means Stee Type of Mud System: WATER BASED	Pits		ation (REQUIRES PERMIT) PERMIT NO: 18-33750	
Chlorides Max: 8000 Average: 5000 Is depth to top of ground water greater than 10ft below base of Within 1 mile of municipal water well? Note: 1 mile of municipal water well?	of pit? Y	H. SEE MEMO		

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 27 Twp 15N Rge 13W County BLAINE

Spot Location of End Point: C E2 E2 E2 Feet From: SOUTH 1/4 Section Line: 2640 Feet From: EAST 1/4 Section Line: 330

Depth of Deviation: 12352 Radius of Turn: 409 Direction: 355

Total Length: 7146

Measured Total Depth: 20140

True Vertical Depth: 13226

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category Description

DEEP SURFACE CASING 1/26/2018 - 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 1/26/2018 - 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

INTERMEDIATE CASING 1/26/2018 - G71 - 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 1/26/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 -

OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

Category Description

1/30/2018 - G58 - (960)(HOR) S2 27 & 34-15N-13W EST MSSP, OTHER PENDING CD - 201707992

COMPL. INT. NLT 660' FB REC 1/26/2018 (P. PORTER)

PENDING CD - 201800502 1/30/2018 - G58 - (E.O.) S2 27 & 34-15N-13W

X201707992 MSSP COMPL. INT. NCT 150' FSL OF 34-15N-13W, NCT 2790' FNL OF 27-15N-13W, NCT 330' FEL

NO OP. NAMED

REC 1/26/2018 (P. PORTER)

COVER SHEET



CONTINENTAL RESOURCES, INC. RANDOLPH #1-34-27XHM

Sec. 34 Twp. 15N Rng. 13W County: Blaine State of Oklahoma

011-23930

SHEET	REVISE DATE	BY	COMMENTS

Provided 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 #6579-A Date Staked: 12/11/17 Operator: CONTINENTAL RESOURCES, INC.

EXHIBIT "A"

S.H.L. Sec. 34-15N-13W I.M. B.H.L. Sec. 27-15N-13W I.M. **BLAINE COUNTY** (SHEET 1 OF 3)

OK NORTH ZONE

NAD 83

Point	Northing Easting Elevation Latitude/Longitude Latitude/Longitude Description		Design				
Point	Northing	Easting	Elevation	Latitude/Longitude	Latitude/Longitude	Description	Elevation
20	275053	1796724	0.0			REBAR W/CAP NWc 27-15N-13W	
21	269781	1796693	0.0			REBAR W/CAP NWc 34-15N-13W	
22	264508	1796648	0.0			1/2" IR SWc 34-15N-13W	
23	275008	1801990	0.0			60D NAIL W/CAP NEc 27-15N-13W	
24	269736	1801955	0.0			REBAR W/CAP NEc 34-15N-13W	
25	264471	1801931	0.0			TONE IN SEc 34-15N-13W	
50	273722	1798037	0.0	LAT:35°45'02.02"N LON:98°34'28.10"W	LAT:35.75056181 LON:-98.57447188	AC - MUSTANG GODWIN #1-27H	
51	273449	1799179	0.0	LAT:35°44'59.39"N LON:98°34'14.22"W	LAT:35.74983179 LON:-98.57061799	AC - COMANCHE GODWIN 27-1	
52	273056	1798693	0.0	LAT:35°44'55.48"N LON:98°34'20.09"W	LAT:35.74874384 LON:-98.57224755	AC - OTC/OCC NA GODWIN LM #1	
53	271770	1798025	0.0	LAT:35°44'42.72"N LON:98°34'28.10"W	LAT:35.74519866 LON:-98.57447141	AC - OTC/OCC NA COWAN #1	
54	268448	1798152	0.0	LAT:35°44'09.88"N LON:98°34'26.32"W	LAT:35.73607697 LON:-98.57397715	AC - BURNETT OIL COWAN #1-34	
55	266194	1797983	0.0	LAT:35°43'47.57"N LON:98°34'28.21"W	LAT:35.72987992 LON:-98.57450242	AC - MUSTANG COWAN #1-34	
56	265549	1798664	0.0	LAT:35°43'41.23"N LON:98°34'19.91"W	LAT:35.72811897 LON:-98.57219615	AC - COWAN #34-1	
57	265162	1797316	0.0	LAT:35°43'37.33"N LON:98°34'36.22"W	LAT:35.72703632 LON:-98.57672850	AC - ROSE WOOD COWAN #1-34	
58	273699	1800662	0.0	LAT:35°45'01.95"N LON:98°33'56.25"W	LAT:35.75054229 LON:-98.56562453	AC - KAISER FRANCIS FORNEY #1	
59	271487	1800647	0.0	LAT:35°44'40.07"N LON:98°33'56.27"W	LAT:35.74446467 LON:-98.56563148	AC - MUSTANG DAVIS #1-27	
60	267773	1799966	0.0	LAT:35°44'03.30"N LON:98°34'04.27"W	LAT:35.73425021 LON:-98.56785187	AC - OTC/OCC NA LM GODWIN #1	
61	265800	1800617	0.0	LAT:35°43'43.83"N LON:98°33'56.23"W	LAT:35.72884203 LON:-98.56561927	AC - OLD DOMINION LITSCH #1	
100	264753	1801703	1706.0'	LAT:35°43'33.53"N LON:98°33'42.99"W	LAT:35.72598157 LON:-98.56194237	A. RANDOLPH #1-34-27XHM 280' FSL - 230' FEL	1706.5
200	265233	1801605	0.0	LAT:35°43'38.28"N LON:98°33'44.21"W	LAT:35.72730053 LON:-98.56228141	A. HEEL SLOT 760' FSL - 330' FEL	
300	272379	1801643	0.0	LAT:35°44'48.95"N LON:98°33'44.25"W	LAT:35.74692959 LON:-98.56229305	A. BOTTOM HOLE LOCATION 2640' FSL - 330' 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 #6579-A

Date Staked : 12/11/17 By: J.L. By : J.H. Date Drawn: 12/15/17

Operator: CONTINENTAL RESOURCES, INC.

EXHIBIT "A"

S.H.L. Sec. 34-15N-13W I.M. B.H.L. Sec. 27-15N-13W I.M. **BLAINE COUNTY** (SHEET 2 OF 3)

OK NORTH ZONE

NAD 27

JK NO	RTH ZOI	ΝE					
Point	Northing	Easting	Elevation	Latitude/Longitude	Latitude/Longitude	Description	Design Elevation
20	275028	1828325	0.0			REBAR W/CAP NWc 27-15N-13W	
21	269756	1828294	0.0			REBAR W/CAP NWc 34-15N-13W	
22	264483	1828249	0.0			1/2" IR SWc 34-15N-13W	
23	274983	1833592	0.0			60D NAIL W/CAP NEc 27-15N-13W	
24	269711	1833556	0.0			REBAR W/CAP NEc 34-15N-13W	
25	264446	1833532	0.0			TONE IN SEc 34-15N-13W	
50	273697	1829638	0.0	LAT:35°45'01.85"N LON:98°34'26.82"W	LAT:35.75051466 LON:-98.57411713	AC - MUSTANG GODWIN #1-27H	
51	273424	1830780	0.0	LAT:35°44'59.22"N LON:98°34'12.95"W	LAT:35.74978466 LON:-98.57026342	AC - COMANCHE GODWIN 27-1	
52	273031	1830294	0.0	LAT:35°44'55.31"N LON:98°34'18.81"W	LAT:35.74869667 LON:-98.57189295	AC - OTC/OCC NA GODWIN LM #1	
53	271745	1829626	0.0	LAT:35°44'42.55"N LON:98°34'26.82"W	LAT:35.74515140 LON:-98.57411683	AC - OTC/OCC NA COWAN #1	
54	268423	1829753	0.0	LAT:35°44'09.71"N LON:98°34'25.04"W	LAT:35.73602952 LON:-98.57362289	AC - BURNETT OIL COWAN #1-34	
55	266169	1829584	0.0	LAT:35°43'47.40"N LON:98°34'26.93"W	LAT:35.72983234 LON:-98.57414835	AC - MUSTANG COWAN #1-34	
56	265524	1830265	0.0	LAT:35°43'41.06"N LON:98°34'18.63"W	LAT:35.72807137 LON:-98.57184223	AC - COWAN #34-1	
57	265137	1828917	0.0	LAT:35°43'37.16"N LON:98°34'34.95"W	LAT:35.72698865 LON:-98.57637443	AC - ROSE WOOD COWAN #1-34	
58	273674	1832263	0.0	LAT:35°45'01.78"N LON:98°33'54.97"W	LAT:35.75049523 LON:-98.56527015	AC - KAISER FRANCIS FORNEY #1	
59	271462	1832248	0.0	LAT:35°44'39.90"N LON:98°33'55.00"W	LAT:35.74441748 LON:-98.56527729	AC - MUSTANG DAVIS #1-27	
60	267748	1831567	0.0	LAT:35°44'03.13"N LON:98°34'02.99"W	LAT:35.73420278 LON:-98.56749793	AC - OTC/OCC NA LM GODWIN #1	
61	265775	1832218	0.0	LAT:35°43'43.66"N LON:98°33'54.96"W	LAT:35.72879451 LON:-98.56526561	AC - OLD DOMINION LITSCH #1	
100	264728	1833304	1706.0'	LAT:35°43'33.36"N LON:98°33'41.72"W	LAT:35.72593403 LON:-98.56158895	A. RANDOLPH #1-34-27XHM 280' FSL - 230' FEL	1706.5'
200	265209	1833206	0.0	LAT:35°43'38.11"N LON:98°33'42.94"W	LAT:35.72725301 LON:-98.56192793	A. HEEL SLOT 760' FSL - 330' FEL	
300	272354	1833244	0.0	LAT:35°44'48.78"N LON:98°33'42.98"W	LAT:35.74688248 LON:-98.56193892	A. BOTTOM HOLE LOCATION 2640' FSL - 330' FEL	
				LO.1.00 00 72.00 W	20.4. 00.00100002	2070 1 OL - 000 1 LL	

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 #6579-A

Date Staked : 12/11/17 By: J.L. Date Drawn: 12/15/17 By: J.H.

EXHIBIT "A" Continental Well Location Plat S.H.L. Sec. 34-15N-13W I.M. B.H.L. Sec. 27-15N-13W I.M. **BLAINE COUNTY** Operator: CONTINENTAL RESOURCES, INC. (SHEET 3 OF 3) 23 20 NW 300 27 All bearings shown 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 Proflessional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. 3PS data is observed from RTK - GPS. 21 24 RANDOLPH #1-34-27XHM SHL: 280' FSL - 230' N00°18'E - 7145' 60. 34 臣 ٣. 2640' FSL 56. 200. 100. 25 Survey and plat by: Certification:

Arkoma Surveying and Mapping, PLLC P.O. Box 238 Wilburton, OK 74578

P.O. Box 238 Wilburton, OK 74578 Ph. 918-465-5711 Fax 918-465-5030 Certificate of Authorization No. 5348

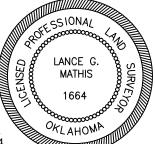
Expires June 30, 2018

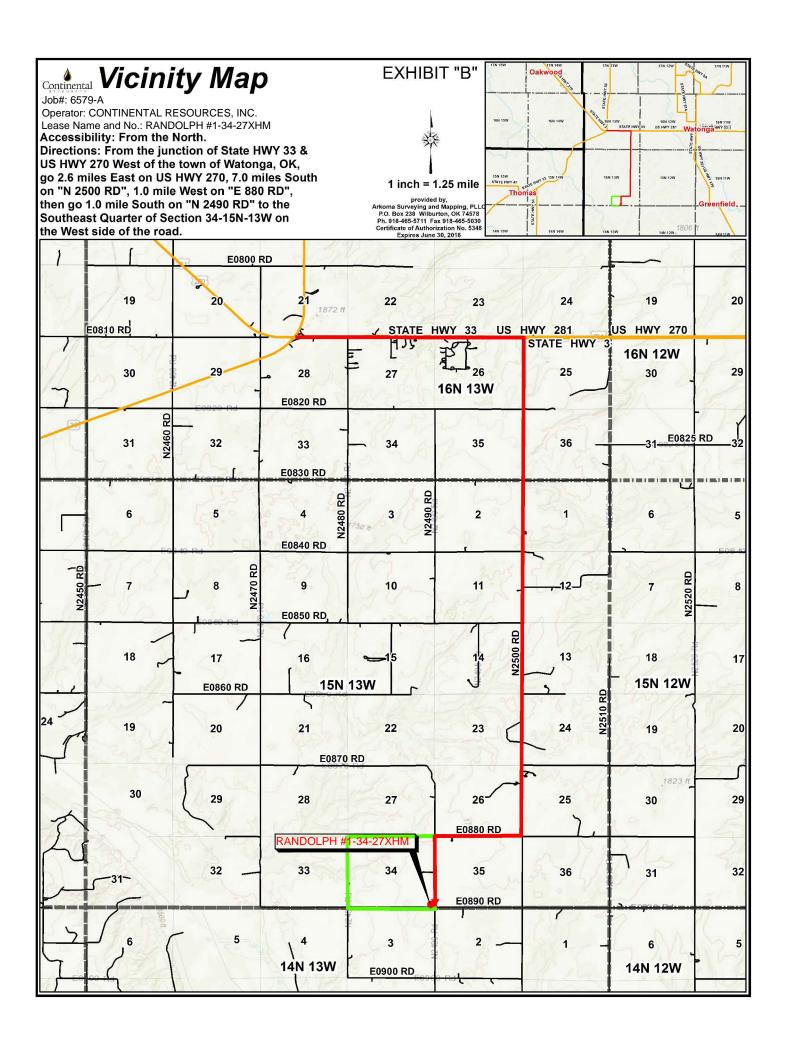
Invoice #6579-A

Date Staked : 12/11/17 By : J.L. Date Drawn : 12/15/17 By : J.H 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.



12/20/17 OK LPLS 1664





Terrain

FACING NORTH



FACING SOUTH



Terrain at Loc.: Location fell in a cultivated filed.

Provided by:
Arkoma Surveying and Mapping, PLLC
P.O. Box 238 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-5030

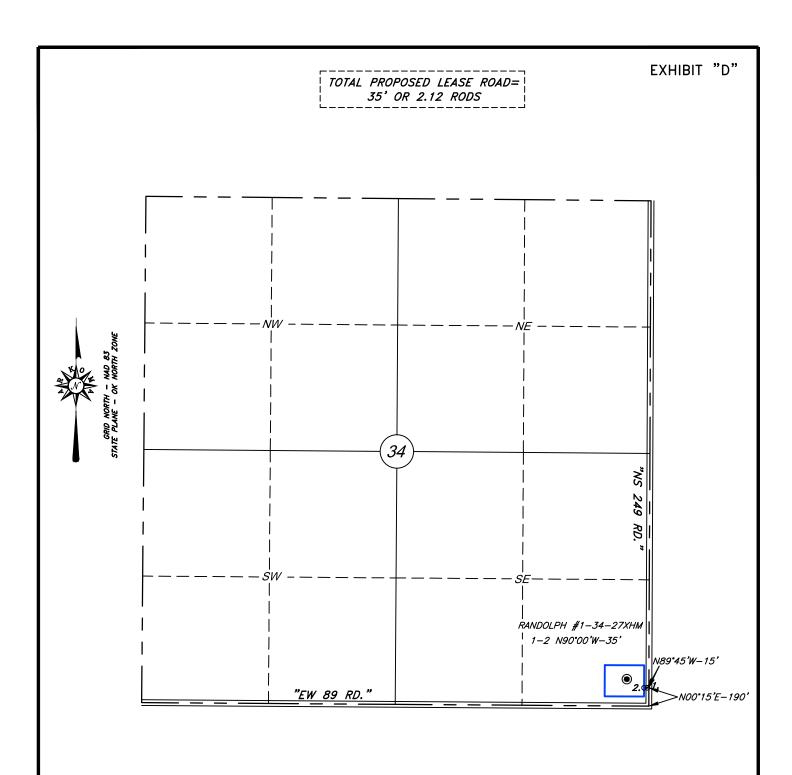
Certificate of Authorization No. 5348 Expires June 30, 2018

Date Staked: 12/11/17



CONTINENTAL RESOURCES, INC. RANDOLPH #1-34-27XHM

Sec. 34 Twp. 15N Rng. 13W County: Blaine State of Oklahoma





- -NOTES
 * This Proposed Lease Road Plat does not represent a true boundary survey.

 * The footages and ties shown hereon are from lines of occupation and may not be from actual property corners.

 * Ownership shown hereon is provided by, and/or verified with client.

ARKOMA

SURVEY & MAPPING BY: ARKOMA SURVEYING & MAPPING, PLLC

(918)465-5711 P.O. Box 238 C.A. #5348, (918)465-5030 fax Wilburton, OK 74578 EXP. DATE 6-30-18

	SURV. BY: R.L. 12/11/17	SCALE: 1" = 1000'	
	DRAWN BY: J.H. 12/15/17	JOB NO.: 6579-A	
	APPROVED BY: L.G.M	DRAW. NO.: 6579-A-RD	
3	SHEET 1 OF 1	SHEET SIZE: 8.5" X 11"	

EXHIBIT "E" TOTAL PROPOSED LEASE ROAD= 35' OR 2.12 RODS 249 E/2-SE/4 SECTION 34-15N-13W RANDOLPH #1-34-27XHM BRINGHAM, KAREN M. 1-2 N90°00'W-35' REVOCABLE TRUST PROPOSED PAD SITE= N89°45'W-3.06 ACRES PROPOSED LEASE ROAD= 35' OR 2.12 RODS "EW 89 RD." NOO'15'E-190' * This Proposed Lease Road Plat does not represent a true boundary survey.

* The footages and ties shown hereon are from lines of occupation and may not be from actual property corners.

* Ownership shown hereon is provided by, and/or verified with client.

ARKOMA

SURVEY & MAPPING BY:

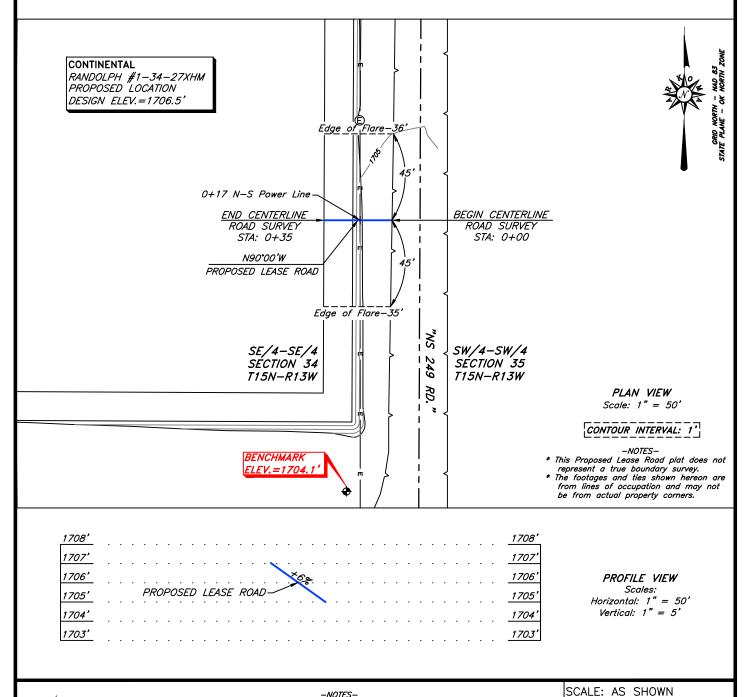
ARKOMA SURVEYING & MAPPING, PLLC

(918)465-5711 P.O. Box 238 C.A. ∦5348, (918)465-5030 fax Wilburton, OK 74578 EXP. DATE 6-30-18

SURV. BY: R.L. 12/11/17	SCALE: 1" = 400'
DRAWN BY: J.H. 12/15/17	JOB NO.: 6579-A
APPROVED BY: L.G.M	DRAW. NO.: 6579-A-RD
SHEET 1 OF 1	SHEET SIZE: 8.5" X 11"

EXHIBIT "F"

PLAN AND PROFILE OF A PROPOSED LEASE ROAD FOR THE "RANDOLPH #1-34-27XHM" IN A PART OF THE SE/4-SE/4 SECTION 34, T15N-R13W, BLAINE COUNTY, OKLAHOMA



Continental

-NOTES-

* This Proposed Lease Road plat does not represent a true boundary survey.

* The footages and ties shown hereon are from lines of occupation and may not be from actual property corners.

JOB NO.: 6579-A

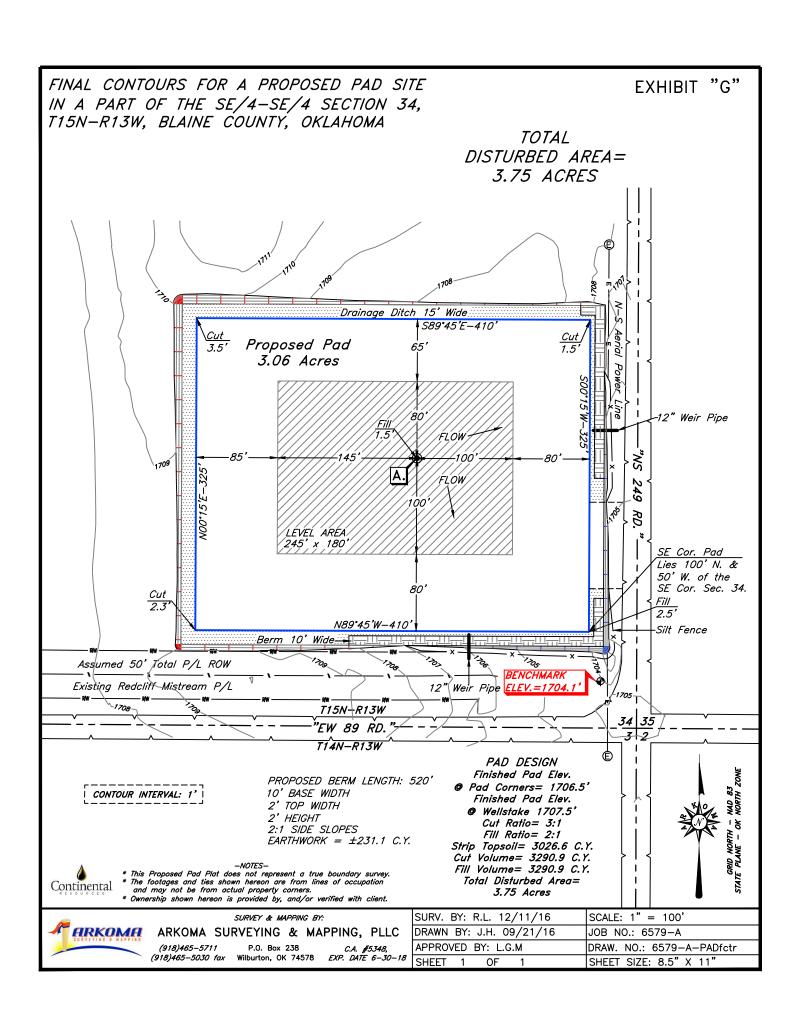
SURV. BY: R.L. 12/11/17 DRAWN BY: J.H. 12/15/17 APPROVED BY: L.G.M.

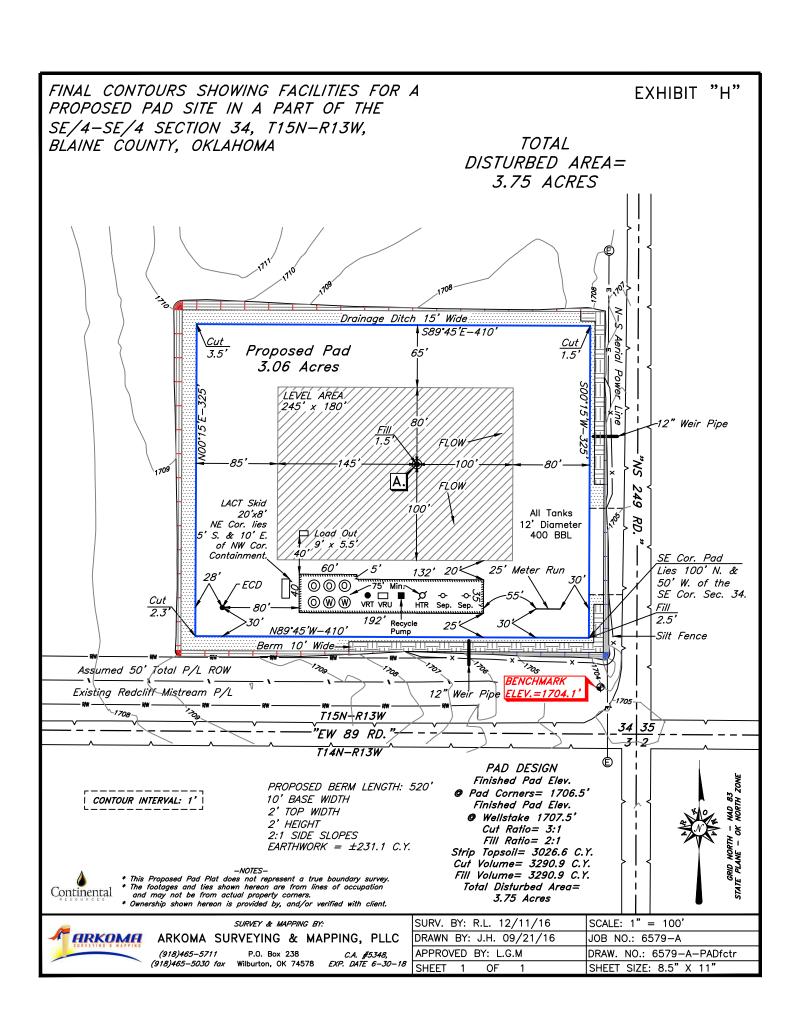


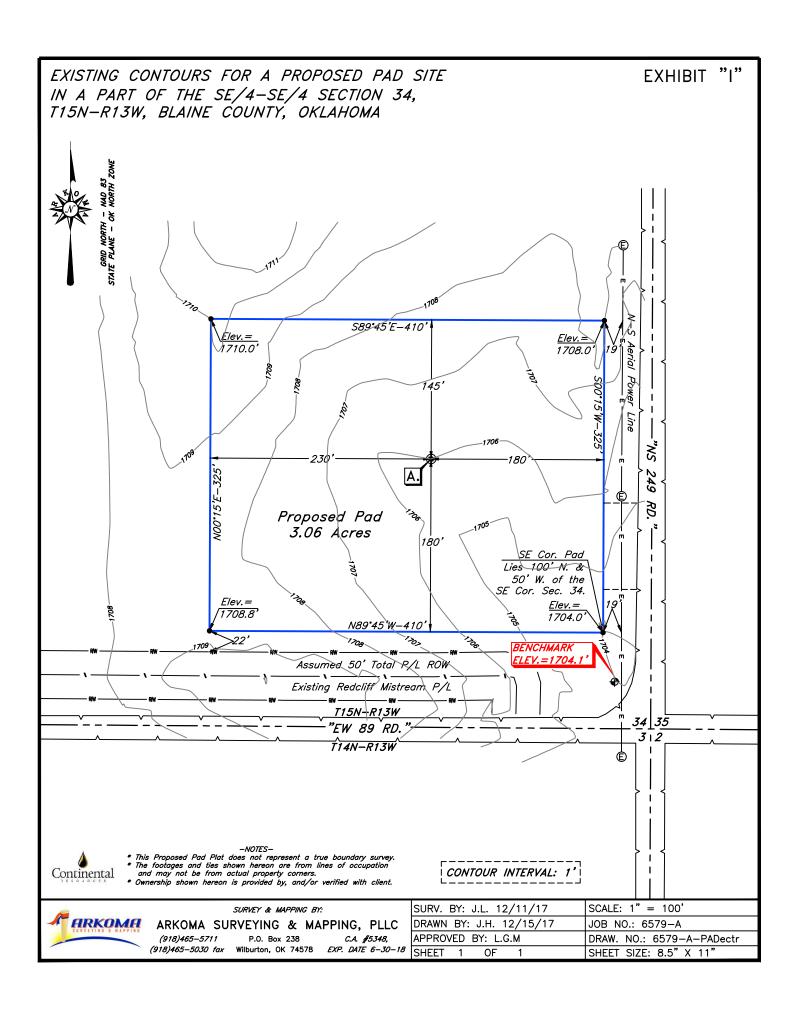
SURVEY & MAPPING BY:

ARKOMA ARKOMA SURVEYING AND MAPPING, PLLC (918)465-5711 P.O. Box 238 C.A. #5348, (918)465-5030 fax Wilburton, OK 74578 EXP. DATE 6-30-18

DRAW. NO.: 6579-A-RDPLAN SHEET SIZE: 8.5" X 11" SHEET OF





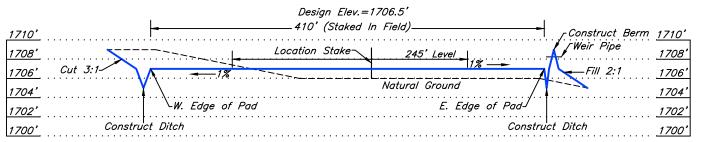


PLAT SHOWING AN ELEVATION CROSS-SECTION FOR A PROPOSED PAD SITE IN A PART OF THE SE/4-SE/4 SECTION 34, T15N-R13W, BLAINE COUNTY, OKLAHOMA

EXHIBIT

1710'		Elev.=1706.5' aked In Field)————————————————————————————————————		1710'
1708'	180' Level _	Location Stake		1708'
1706'	2%	1/2-		1706'
1704' Cut 3:1-		Natural Ground	Cut 3:1	1704'
<i>1702'</i>	N. Edge of Pad	S. Edge of Pad-		1702'
1700' Constru	ct Ditch	Construc	t Ditch	<u>1700'</u>

N-S CROSS SECTION OF PAD AREA Scales: Horizontal: 1" = 100' Vertical: 1" = 10'



E-W CROSS SECTION OF PAD AREA Scales:

Horizontal: 1" = 100' Vertical: 1" = 10'

- Continental
- * This Proposed Pad Plat does not represent a true boundary survey.

 * The footages and ties shown hereon are from lines of occupation and may not be from actual property corners.

* Ownership shown hereon is provided by, and/or verified with client.

SCALE: