

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

API NUMBER: 011 23973

Approval Date: 03/27/2018

Expiration Date: 09/27/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 15N Rge: 11W

County: BLAINE

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 792 740

Lease Name: JALOU

Well No: 4-25-36XHM

Well will be 740 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

HARLAN G. TOMLINSON
RT. 2, BOX 119
WATONGA OK 73772

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	11069	6	
2	WOODFORD	11769	7	
3			8	
4			9	
5			10	

Spacing Orders: 657035
586354
651181

Location Exception Orders:

Increased Density Orders: 669154

Pending CD Numbers: 201801505
201801504
201801490

Special Orders:

Total Depth: 20723

Ground Elevation: 1488

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 130

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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: 18-34085

H. SEE 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.

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 36 Twp 15N Rge 11W County BLAINE

Spot Location of End Point: S2 SE SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 330

Depth of Deviation: 9510

Radius of Turn: 477

Direction: 178

Total Length: 10464

Measured Total Depth: 20723

True Vertical Depth: 11769

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

Notes:

Category

Description

DEEP SURFACE CASING

3/8/2018 - 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

3/8/2018 - 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

INCREASED DENSITY – 669154

3/22/2018 - G58 - 36-15N-11W
X586354 MSSP
10 WELLS
NO OP. NAMED
10/18/2017

INTERMEDIATE CASING

3/8/2018 - 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

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.

011 23973 JALOU 4-25-36XHM

Category	Description
MEMO	3/8/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD – 201801490	3/22/2018 - G58 - 25-15N-11W X657035 MSSP 5 WELLS NO OP. NAMED REC 3/27/2018 (MINMIER)
PENDING CD – 201801504	3/22/2018 - G58 - (I.O.) 25 & 36-15N-11W EST MULTIUNIT HORIZONTAL WELL X657035 MSSP (25-15N-11W) X651181 WDFD (25-15N-11W) X586354 MSSP, WDFD (36-15N-11W) (WDFD ADJACENT COMMON SOURCE OF SUPPLY TO MSSP) ** 50% 25-15N-11W 50% 36-15N-11W NO OP. NAMED REC 3/27/2018 (MINMIER)
PENDING CD – 201801505	**NOT SPECIFIED IN APPLICATION TO BE CORRECTED AT HEARING PER ATTORNEY FOR OP. 3/22/2018 - G58 - (I.O.) 25 & 36-15N-11W X657035 MSSP (25-15N-11W) X651181 WDFD (25-15N-11W) X586354 MSSP, WDFD (36-15N-11W) X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EXISTING/PROPOSED WELL COMPL. INT. (25-15N-11W) NCT 150' FNL, NCT 0' FSL, NCT 330' FEL COMPL. INT. (36-15N-11W) NCT 0' FNL, NCT 150' FSL, NCT 330' FEL NO OP. NAMED REC 3/27/2018 (MINMIER)
SPACING – 586354	3/22/2018 - G58 - (640)/(640)(HOR) 36-15N-11W EXT OTHERS EXT (640) 569413 MSSP EST (640)(HOR) WDFD COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL
SPACING – 651181	3/22/2018 - G58 - (640)(HOR) 25-15N-11W EST MSSSD (VAC BY 657035), WDFD, OTHER COMPL. INT. (MSSSD) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL
SPACING – 657035	3/22/2018 - G58 - (640)(HOR) 25-15N-11W VAC 651181 MSSSD EST MSSP COMPL. INT. (MSSP) NCT 660' FB

EXHIBIT: A (1 of 4)
SHEET: 8.5x11
SHL: 24-15N-11W
BHL-3: 36-15N-11W
BHL-4: 36-15N-11W



COVER SHEET

CONTINENTAL RESOURCES, INC.

P.O. BOX 26900 OKLAHOMA CITY, OK 73126 * (T) 1-800-256-8955 (F) 405-234-9253

Section 24 Township 15N Range 11W I.M.

Well: JALOU 3-25-36XHM 011-23972

County BLAINE State OK

Well: JALOU 4-25-36XHM 011-23973

Operator CONTINENTAL RESOURCES, INC.

NAD-83							EXISTING ELEVATION	DESIGN ELEVATION
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE			
W3	JALOU 3-25-36XHM	275452	1874805	35° 45' 22.61" -98° 18' 56.81"	35.756280 -98.315780	792' FSL / 770' FEL (SE/4 SEC 24)	1487.64	1489.34
LP-3	LANDING POINT	274629	1874414	35° 45' 14.47" -98° 19' 01.51"	35.754019 -98.317087	30' FNL / 1,155' FEL (NE/4 SEC 25)	--	--
BHL-3	BOTTOM HOLE LOCATION	264166	1874375	35° 43' 30.98" -98° 19' 01.57"	35.725272 -98.317103	50' FSL / 1,155' FEL (SE/4 SEC 36)	--	--
W4	JALOU 4-25-36XHM	275452	1874835	35° 45' 22.61" -98° 18' 56.44"	35.756281 -98.315678	792' FSL / 740' FEL (SE/4 SEC 24)	1487.91	1489.34
LP-4	LANDING POINT	274630	1875239	35° 45' 14.50" -98° 18' 51.50"	35.754028 -98.314307	30' FNL / 330' FEL (NE/4 SEC 25)	--	--
BHL-4	BOTTOM HOLE LOCATION	264166	1875200	35° 43' 31.01" -98° 18' 51.57"	35.725281 -98.314324	50' FSL / 330' FEL (SE/4 SEC 36)	--	--
X-1	WALKER #1-24	275322	1870940	35° 45' 21.20" -98° 19' 43.69"	35.755888 -98.328804	24-15N-11W:SW4SW4 TD: 10,100' 660' FSL / 660' FWL	--	--
X-2	LYLE CARTER #1	270707	1874235	35° 44' 35.67" -98° 19' 03.53"	35.743242 -98.317647	25-15N-11W:SE4 TD: 10,170' 1,320' FSL / 1,320' FWL	--	--
X-3	GIGER #1-25	270704	1871599	35° 44' 35.55" -98° 19' 35.50"	35.743209 -98.326529	25-15N-11W:SW4 TD: 10,180' 1,320' FSL / 1,320' FWL	--	--
X-4	LAIRD #1-25	272686	1875071	35° 44' 55.26" -98° 18' 53.47"	35.748685 -98.314852	25-15N-11W:W2E2SE4NW4 TD: 10,200' 660' FSL / 2,145' FWL	--	--
X-5	HELM TRUST #1-25	273166	1874909	35° 45' 00.01" -98° 18' 55.46"	35.750003 -98.315405	25-15N-11W:N2N2SE4NE4 TD: 10,100' 1,140' FSL / 1,980' FWL	--	--
X-6	H.F. LOOKABOUGH #1	265437	1871584	35° 43' 43.46" -98° 19' 35.48"	35.728740 -98.326521	36-15N-11W:SW4 TD: 10,300' 1,320' FSL / 1,320' FWL	--	--
X-7	H.F. LOOKABOUGH #2	265435	1872895	35° 43' 43.48" -98° 19' 19.57"	35.728745 -98.322103	36-15N-11W:S2 TD: 10,250' 1,320' FSL / 2,640' FWL	--	--
X-8	E. LEWIS #1	268067	1874224	35° 44' 09.56" -98° 19' 03.56"	35.735989 -98.317656	36-15N-11W:NE4 TD: 10,178' 1,320' FSL / 1,320' FWL	--	--
X-9	LOOKABOUGH #2	268056	1871597	35° 44' 09.37" -98° 19' 35.43"	35.735935 -98.326508	36-15N-11W:NW4 TD: 10,250' 1,320' FSL / 1,320' FWL	--	--
X-10	LOOKABOUGH #3	265437	1871364	35° 43' 43.46" -98° 19' 38.14"	35.728739 -98.327262	36-15N-11W:E2E2W2SW4 TD: 10,400' 1,320' FSL / 1,100' FWL	--	--
X-11	LEWIS #2-36	267080	1874881	35° 43' 59.82" -98° 18' 55.56"	35.733282 -98.315432	36-15N-11W:S2SE4NE4 TD: 10,130' 330' FSL / 1,980' FWL	--	--
X-12	LOOKABOUGH 25-24-15N-11W	269139	1870514	35° 44' 20.04" -98° 19' 48.61"	35.738899 -98.330170	36-15N-11W:NW4NW4NW4NW4 TD: 21,890' 244' FNL / 234' FWL	--	--
X-13	MOWERY #1-36H	269134	1871355	35° 44' 20.01" -98° 19' 38.41"	35.738893 -98.327336	36-15N-11W:NE4NE4NW4NW4 TD: 16,259' 250' FNL / 1,075' FWL	--	--

Certificate of Authorization No. 7318

Date Staked: 02-20-18
Date Drawn: 02-20-18



Prepared By:
Petro Land Services South
10400 Vineyard Blvd.
Suite C
Oklahoma City, OK 73120

REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	02-20-18	MJL	ISSUED FOR APPROVAL	--

EXHIBIT: A (2 of 4)
SHEET: 8.5x11
SHL: 24-15N-11W
BHL-3 36-15N-11W
BHL-4: 36-15N-11W



COVER SHEET

CONTINENTAL RESOURCES, INC.

P.O. BOX 26900 OKLAHOMA CITY, OK 73126 * (T) 1-800-256-8955 (F) 405-234-9253

Section 24 Township 15N Range 11W I.M.

Well: JALOU 3-25-36XHM

County BLAINE State OK

Well: JALOU 4-25-36XHM

Operator CONTINENTAL RESOURCES, INC.

NAD-27

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W3	JALOU 3-25-36XHM	275428	1906405	35° 45' 22.45" -98° 18' 55.57"	35.756236 -98.315435	792' FSL / 770' FEL (SE/4 SEC 24)	1487.64	1489.34
LP-3	LANDING POINT	274605	1906014	35° 45' 14.30" -98° 19' 00.27"	35.753974 -98.316743	30' FNL / 1,155' FEL (NE/4 SEC 25)	--	--
BHL-3	BOTTOM HOLE LOCATION	264142	1905975	35° 43' 30.82" -98° 19' 00.34"	35.725227 -98.316760	50' FSL / 1,155' FEL (SE/4 SEC 36)	--	--
W4	JALOU 4-25-36XHM	275428	1906435	35° 45' 22.45" -98° 18' 55.20"	35.756236 -98.315334	792' FSL / 740' FEL (SE/4 SEC 24)	1487.91	1489.34
LP-4	LANDING POINT	274606	1906839	35° 45' 14.34" -98° 18' 50.27"	35.753983 -98.313963	30' FNL / 330' FEL (NE/4 SEC 25)	--	--
BHL-4	BOTTOM HOLE LOCATION	264142	1906800	35° 43' 30.85" -98° 18' 50.33"	35.725236 -98.313981	50' FSL / 330' FEL (SE/4 SEC 36)	--	--
X-1	WALKER #1-24	275298	1902540	35° 45' 21.04" -98° 19' 42.45"	35.755843 -98.328459	24-15N-11W:SW4SW4 TD: 10,100' 660' FSL / 660' FWL	--	--
X-2	LYLE CARTER #1	270683	1905835	35° 44' 35.51" -98° 19' 02.29"	35.743196 -98.317303	25-15N-11W:SE4 TD: 10,170' 1,320' FSL / 1,320' FWL	--	--
X-3	GIGER #1-25	270680	1903199	35° 44' 35.39" -98° 19' 34.27"	35.743163 -98.326185	25-15N-11W:SW4 TD: 10,180' 1,320' FSL / 1,320' FWL	--	--
X-4	LAIRD #1-25	272662	1906671	35° 44' 55.10" -98° 18' 52.23"	35.748640 -98.314509	25-15N-11W:W2E2SE4NW4 TD: 10,200' 660' FSL / 2,145' FWL	--	--
X-5	HELM TRUST #1-25	273142	1906508	35° 44' 59.85" -98° 18' 54.22"	35.749958 -98.315061	25-15N-11W:N2N2SE4NE4 TD: 10,100' 1,140' FSL / 1,980' FWL	--	--
X-6	H.F. LOOKABOUGH #1	265413	1903184	35° 43' 43.30" -98° 19' 34.24"	35.728694 -98.326177	36-15N-11W:SW4 TD: 10,300' 1,320' FSL / 1,320' FWL	--	--
X-7	H.F. LOOKABOUGH #2	265411	1904495	35° 43' 43.32" -98° 19' 18.33"	35.728699 -98.321759	36-15N-11W:S2 TD: 10,250' 1,320' FSL / 2,640' FWL	--	--
X-8	E. LEWIS #1	268043	1905824	35° 44' 09.40" -98° 19' 02.32"	35.735943 -98.317312	36-15N-11W:NE4 TD: 10,178' 1,320' FSL / 1,320' FWL	--	--
X-9	LOOKABOUGH #2	268032	1903197	35° 44' 09.20" -98° 19' 34.19"	35.735889 -98.326164	36-15N-11W:NW4 TD: 10,250' 1,320' FSL / 1,320' FWL	--	--
X-10	LOOKABOUGH #3	265413	1902964	35° 43' 43.30" -98° 19' 36.91"	35.728693 -98.326918	36-15N-11W:E2E2W2SW4 TD: 10,400' 1,320' FSL / 1,100' FWL	--	--
X-11	LEWIS #2-36	267056	1906480	35° 43' 59.65" -98° 18' 54.32"	35.733237 -98.315089	36-15N-11W:S2SE4NE4 TD: 10,130' 330' FSL / 1,980' FWL	--	--
X-12	LOOKABOUGH 25-24-15N-11W	269115	1902113	35° 44' 19.87" -98° 19' 47.37"	35.738853 -98.329826	36-15N-11W:NW4NW4NW4 TD: 21,890' 244' FNL / 234' FWL	--	--
X-13	MOWERY #1-36H	269110	1902954	35° 44' 19.85" -98° 19' 37.17"	35.738847 -98.326992	36-15N-11W:NE4NE4NW4NW4 TD: 16,259' 250' FNL / 1,075' FWL	--	--

Certificate of Authorization No. 7318

Date Staked: 02-20-18
Date Drawn: 02-20-18



Prepared By:
Petro Land Services South
10400 Vineyard Blvd.
Suite C
Oklahoma City, OK 73120

REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	02-20-18	MJL	ISSUED FOR APPROVAL	--

EXHIBIT: A (3 of 4)
SHEET: 8.5x14
SHL: 24-15N-11W
BHL-3: 36-15N-11W

PETRO LAND SERVICES SOUTH, LLC

10400 VINEYARD BLVD. SUITE C, OKLA. CITY, OKLA. 73120 * OFFICE (405) 212-3108
Certificate of Authorization No. 7318

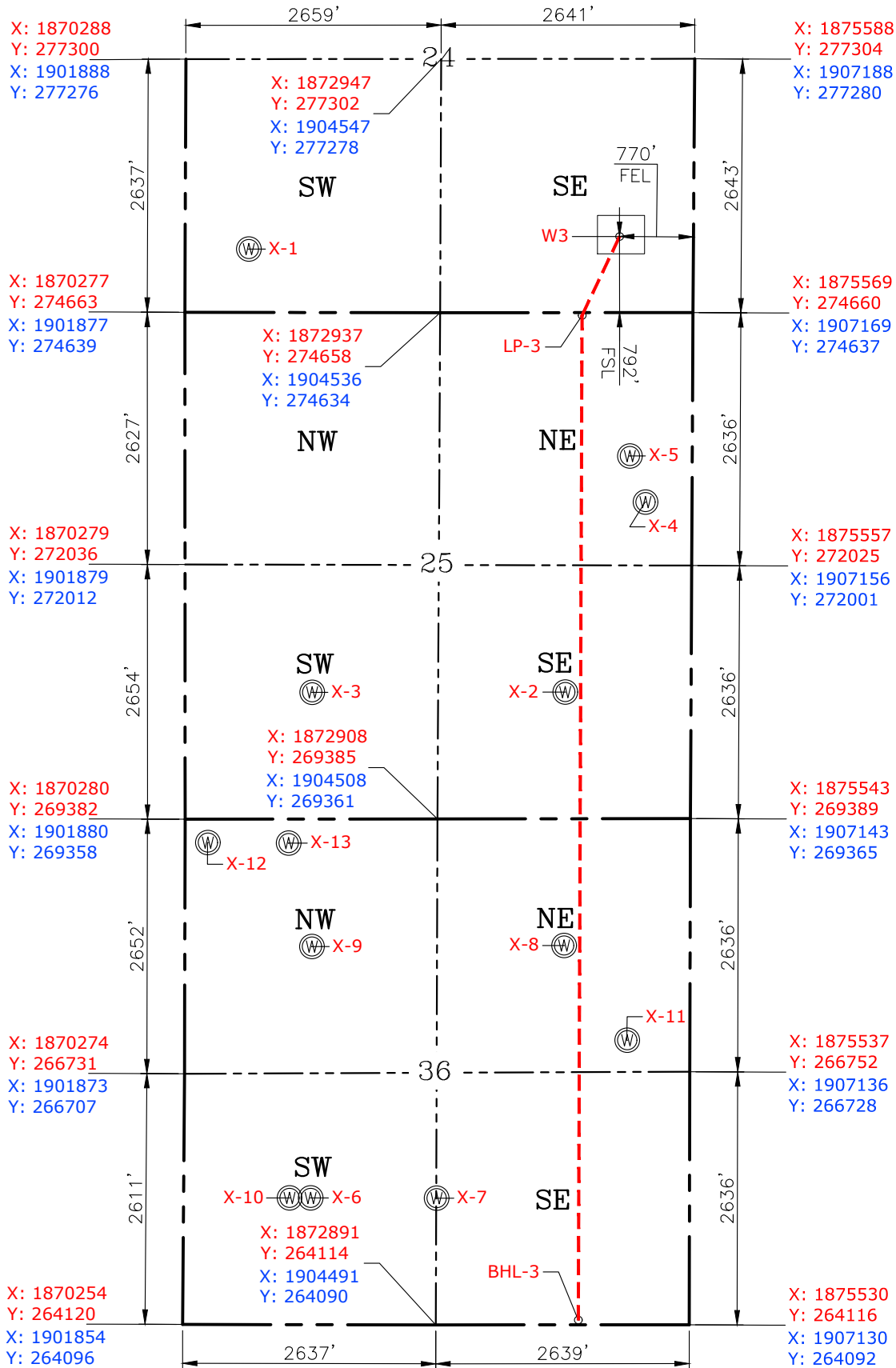


CONTINENTAL
RESOURCES, INC
(OPERATOR)

BLAINE County Oklahoma
792' FSL-770' FEL Section 24 Township 15N Range 11W I.M.

011-23972

WELL: JALOU 3-25-36XHM



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 PLS promptly if any inconsistency is determined. GPS data is observed from RTK-GPS. 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. 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.

CERTIFICATE:

I, RANDALL J. BILYEU an Oklahoma Licensed Land Surveyor and an authorized agent of Petro Land Services South, LLC, do hereby certify to the information shown herein.

Date Staked: 02-20-18
Date Drawn: 02-20-18



Randall J. Bilyeu

Oklahoma PLS No.1196 DATE

EXHIBIT: A (4 of 4)
SHEET: 8.5x14
SHL: 24-15N-11W
BHL-3: 36-15N-11W

PETRO LAND SERVICES SOUTH, LLC

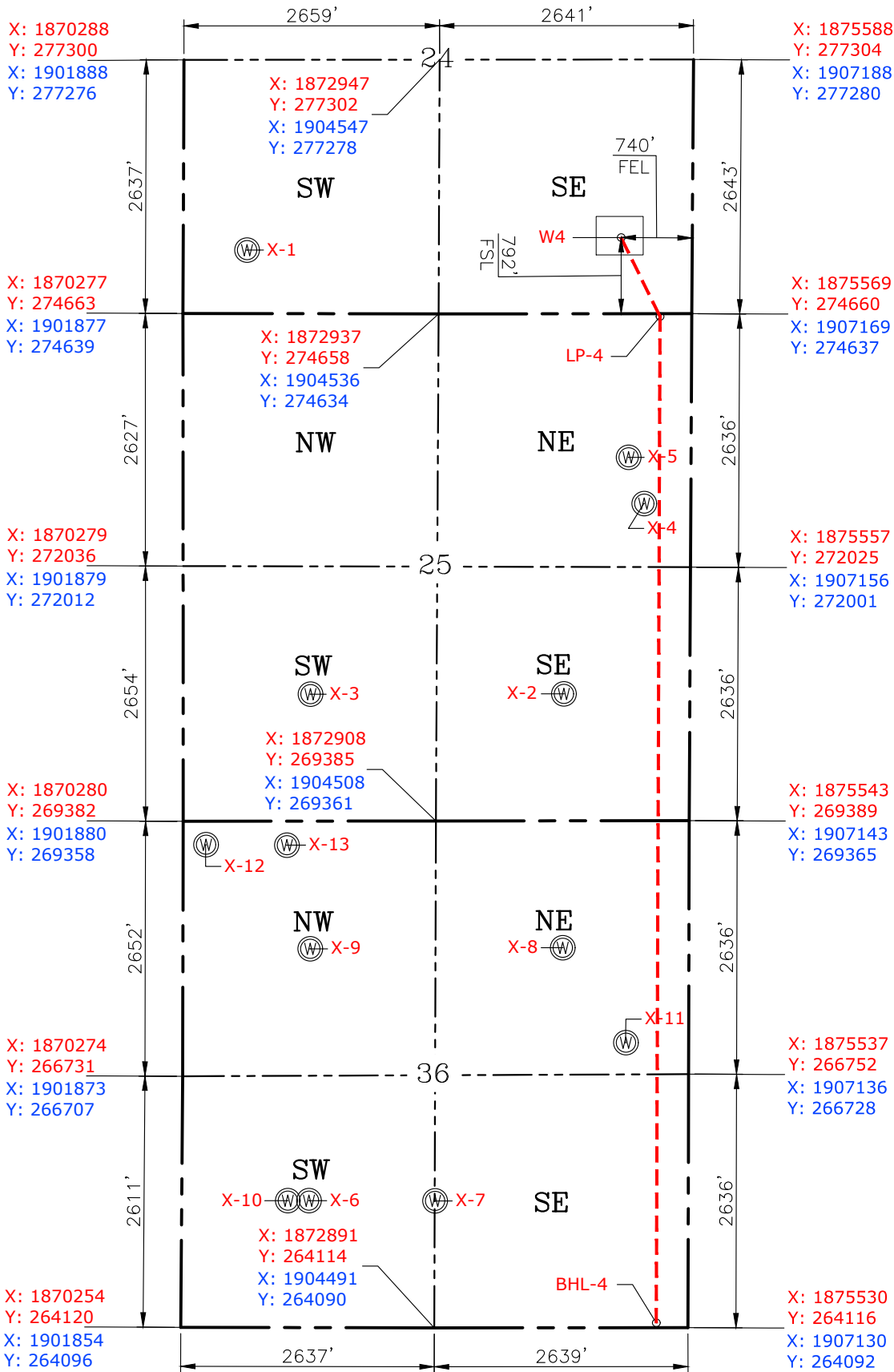
10400 VINEYARD BLVD. SUITE C, OKLA. CITY, OKLA. 73120 * OFFICE (405) 212-3108
Certificate of Authorization No. 7318



CONTINENTAL
RESOURCES, INC
(OPERATOR)

BLAINE County Oklahoma
792' FSL-740' FEL Section 24 Township 15N Range 11W I.M.

011-23973 WELL: JALOU 4-25-36XHM

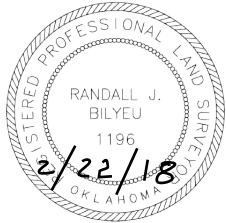


Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact PLS promptly if any inconsistency is determined. GPS data is observed from RTK-GPS. NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey. 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.

CERTIFICATE:

I, RANDALL J. BILYEU an Oklahoma Licensed Land Surveyor and an authorized agent of Petro Land Services South, LLC, do hereby certify to the information shown herein.

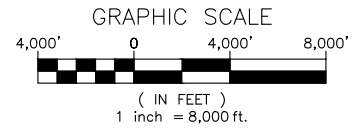
Date Staked: 02-20-18
Date Drawn: 02-20-18



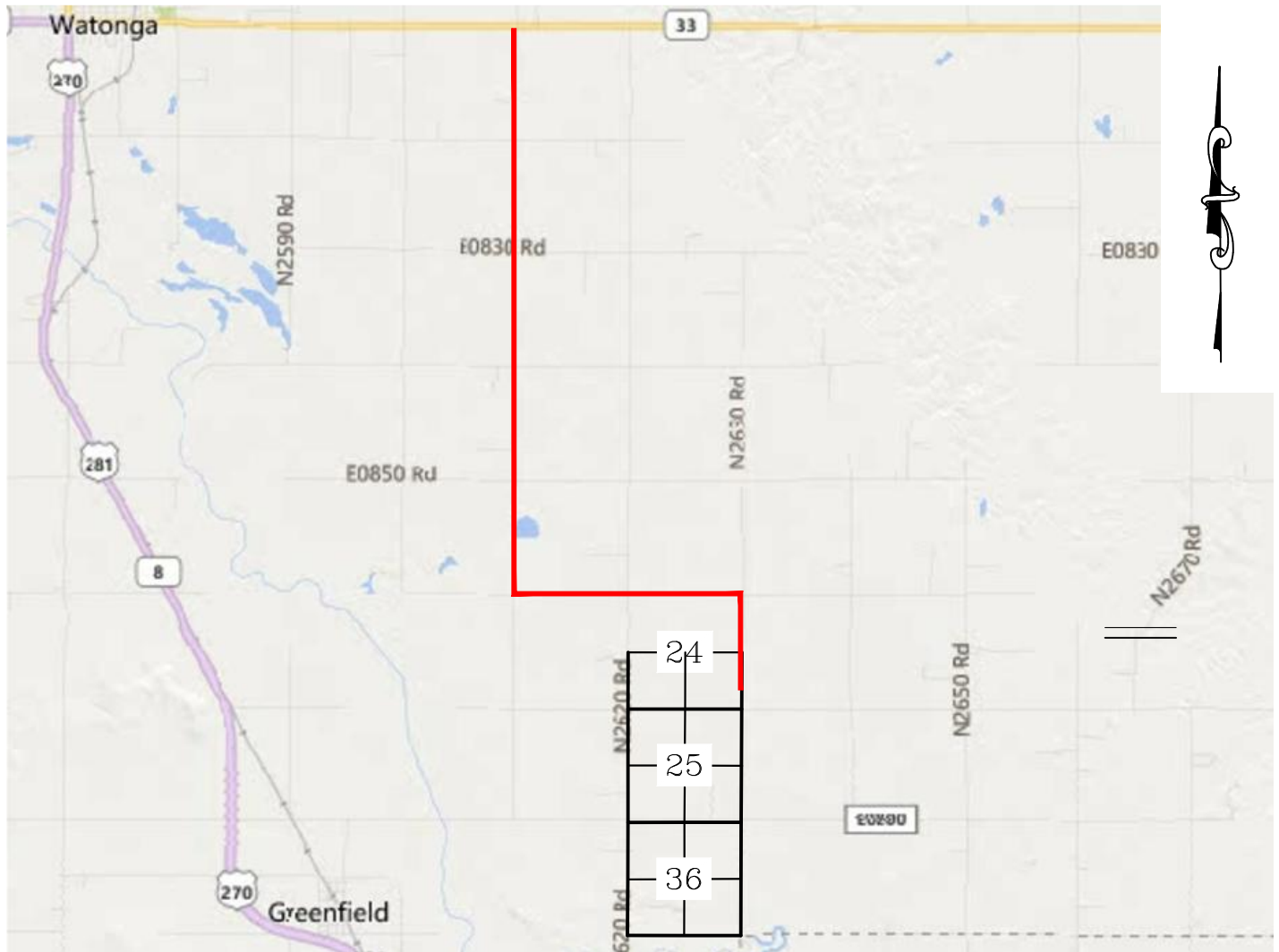
Randall J. Bilyeu

Oklahoma PLS No.1196 DATE

EXHIBIT: C
SHEET: 8.5x11
SHL: 24-15N-11W
BHL-3: 36-15N-11W
BHL-4: 36-15N-11W



VICINITY MAP



STARTING FROM THE INTERSECTION OF SH-3 & N-2610 RD.. HEAD SOUTH FOR 5.0 MILES & TURN LEFT. HEAD EAST ON E-0860 FOR 2.0 & TURN RIGHT. HEAD SOUTH FOR 0.83 MILES TO THE PROPOSED ACCESS ROAD LOCATED ON THE ON WEST SIDE OF N-2630.

CONTINENTAL RESOURCES, INC.

P.O. BOX 26900 OKLAHOMA CITY, OK 73126 * (T) 1-800-256-8955 (F) 405-234-9253

Certificate of Authorization No. 7318

Section 24 Township 15N Range 11W I.M. Well W3: JALOU 3-25-36XHM

Date Staked: 02-20-18

County BLAINE State OK Well W4: JALOU 4-25-36XHM



Prepared By:
Petro Land Services South
10400 Vineyard Blvd.
Suite C
Oklahoma City, OK 73120

Operator CONTINENTAL RESOURCES, INC.

EXHIBIT: D
SHEET: 8.5x11
SHL: 24-15N-11W
BHL-3: 36-15N-11W
BHL-4: 36-15N-11W



WELL W3: JALOU 3-25-36XHM
WELL W4: JALOU 4-25-36XHM

FACING NORTH



JALOU 3-25-36XHM



JALOU 4-25-36XHM

FACING SOUTH



JALOU 3-25-36XHM



JALOU 4-25-36XHM



Prepared By:
Petro Land Services South
10400 Vineyard Blvd.
Suite C
Oklahoma City, OK 73120

TERRAIN

DRAWN BY:	MJL	SCALE:	N.T.S.
CHECKED BY:	MVA	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	TERRAIN-1
DATE ISSUED:	02-20-18	SHEET:	1 OF 2

EXHIBIT: E
SHEET: 8.5x11
SHL: 24-15N-11W
BHL-3: 36-15N-11W
BHL-4: 36-15N-11W



WELL W3: JALOU 3-25-36XHM
WELL W4: JALOU 4-25-36XHM

FACING EAST



JALOU 3-25-36XHM



JALOU 4-25-36XHM

FACING WEST



JALOU 3-25-36XHM



JALOU 4-25-36XHM



Prepared By:
Petro Land Services South
10400 Vineyard Blvd.
Suite C
Oklahoma City, OK 73120

TERRAIN

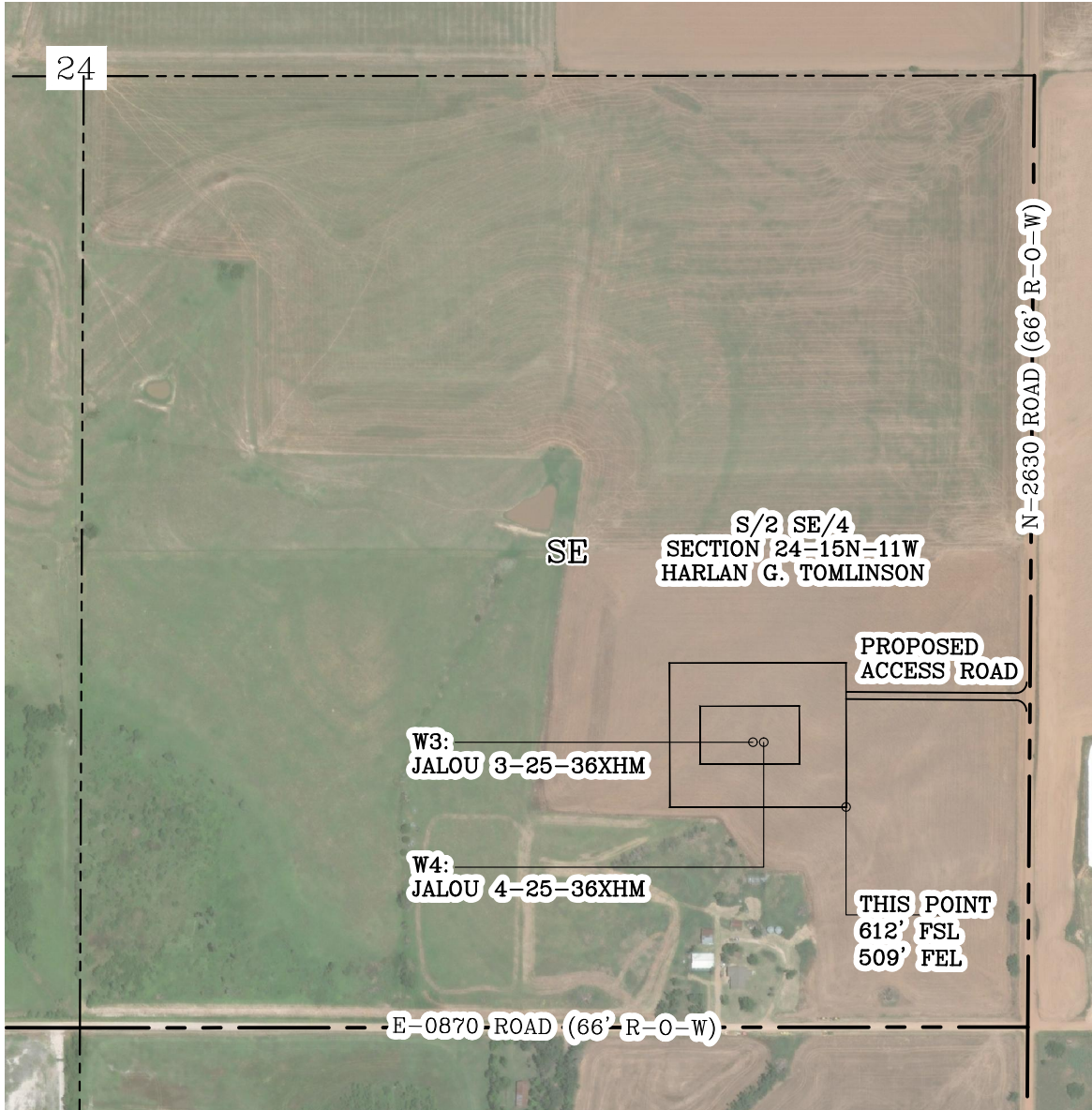
DRAWN BY:	MJL	SCALE:	N.T.S.
CHECKED BY:	MVA	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	TERRAIN-2
DATE ISSUED:	02-20-18	SHEET:	2 OF 2

EXHIBIT: F
SHEET: 8.5x11
SHL: 24-15N-11W
BHL-3: 36-15N-11W
BHL-4: 36-15N-11W



WELL W3: JALOU 3-25-36XHM
WELL W4: JALOU 4-25-36XHM

PROPOSED ACCESS ROAD = 511' | 30.97 RODS (TOTAL)

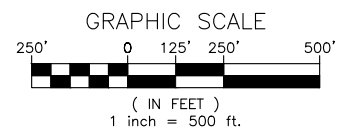


GPS DATUM - OK NORTH ZONE
US FEET SCALE: 1" = 500'

Section 24 Township 15N Range 11W I.M.

County BLAINE State OK

Operator CONTINENTAL RESOURCES, INC.

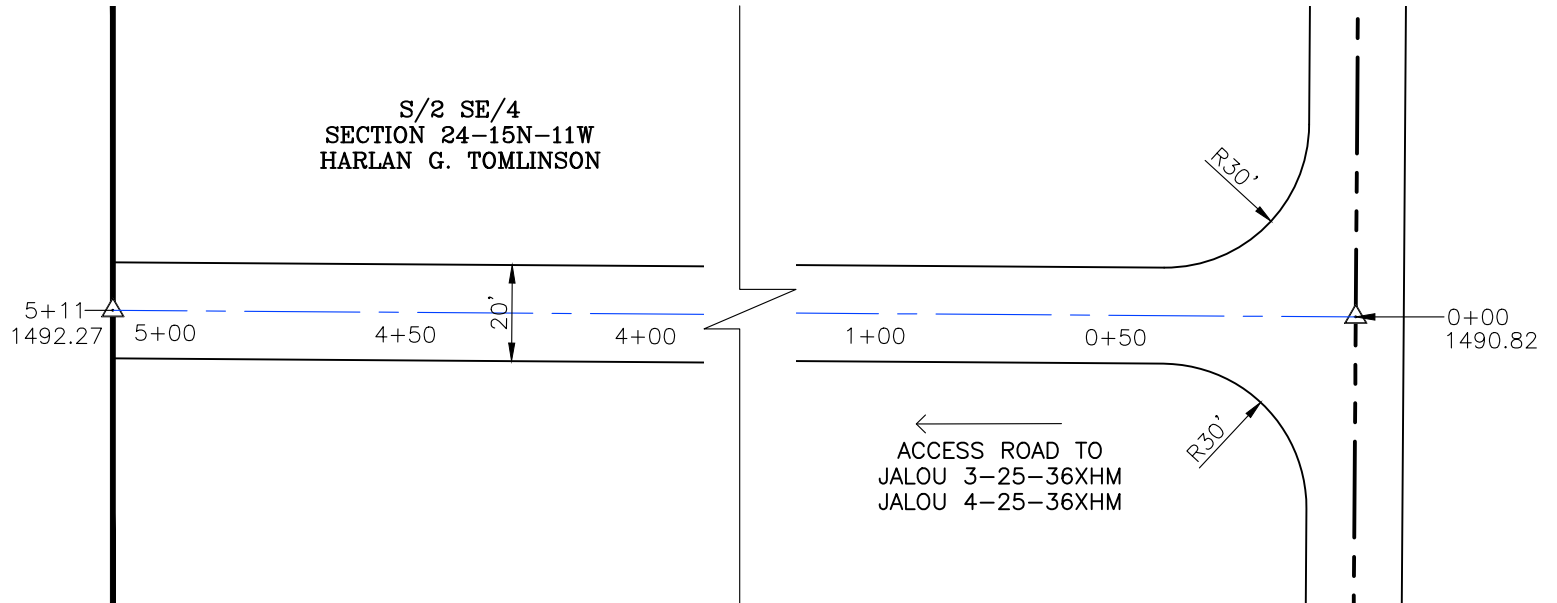
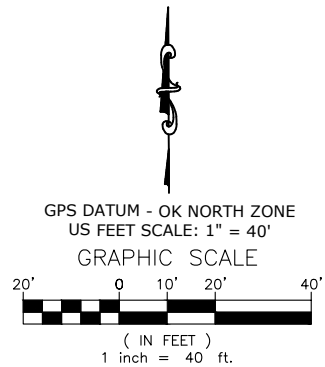


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AERIAL PLAT

DRAWN BY:	MJL	SCALE:	1" = 500'
CHECKED BY:	MVA	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	AERIAL-1
DATE ISSUED:	02-20-18	SHEET:	1 OF 4

EXHIBIT: G
SHEET: 8.5x11
SHL: 24-15N-11W
BHL-3: 36-15N-11W
BHL-4: 36-15N-11W

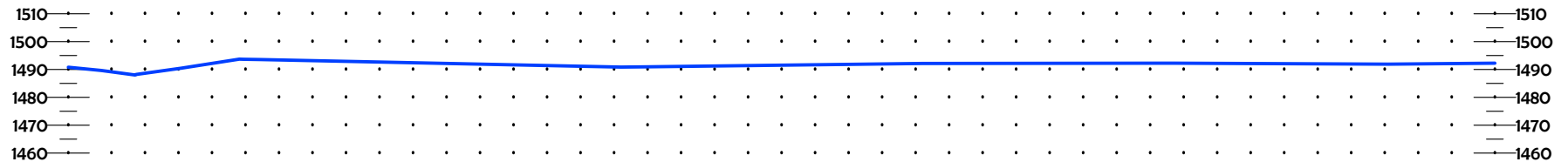


- * THIS PROPOSED LEASE ROAD PLAT DOES NOT REPRESENT A TRUE BOUNDARY SURVEY.
- * THE FOOTAGES AND TIES SHOWN HEREON ARE FROM LINES OF OCCUPATION AND MAY NOT BE FROM ACTUAL PROPERTY CORNERS.

Well W3: JALOU 3-25-36XHM

Well W4: JALOU 4-25-36XHM

PROPOSED ACCESS ROAD = 511' | 30.97 RODS (TOTAL)



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P.O. Box 26900
Oklahoma City
Oklahoma, 73126
(T) 1-800-256-8955
(F) 405-234-9253

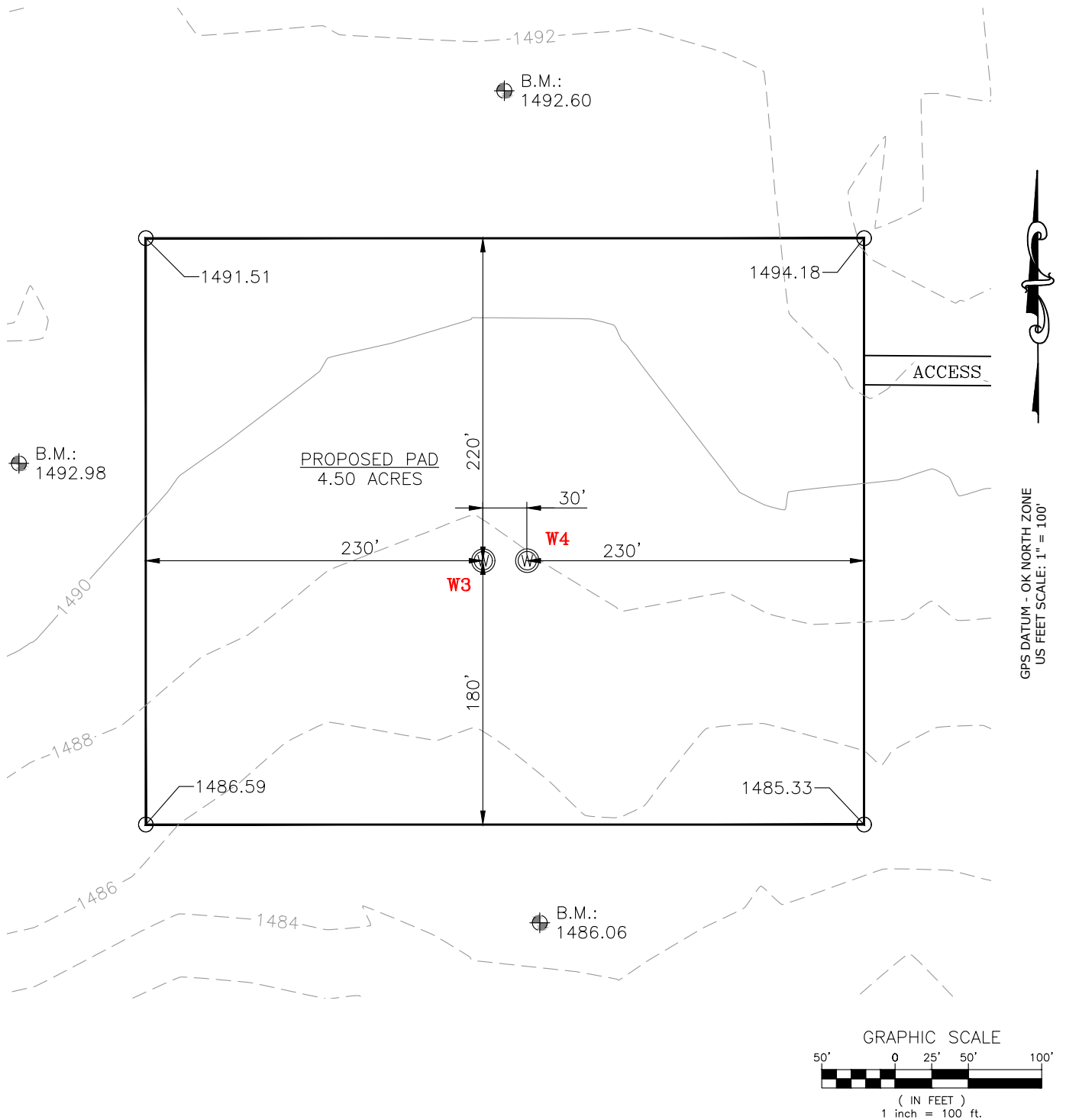
LEASE ROAD PLAN & PROFILE

DRAWN BY:	MJL	SCALE:	AS NOTED
CHECKED BY:	MVA	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	P&P
DATE ISSUED:	02-20-18	SHEET:	2 OF 4

EXHIBIT: H
 SHEET: 8.5x11
 SHL: 24-15N-11W
 BHL-3: 36-15N-11W
 BHL-4: 36-15N-11W



WELL W3: JALOU 3-25-36XHM
 WELL W4: JALOU 4-25-36XHM



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 Suite C
 Oklahoma City, OK 73120

EXISTING GRADING PLAN

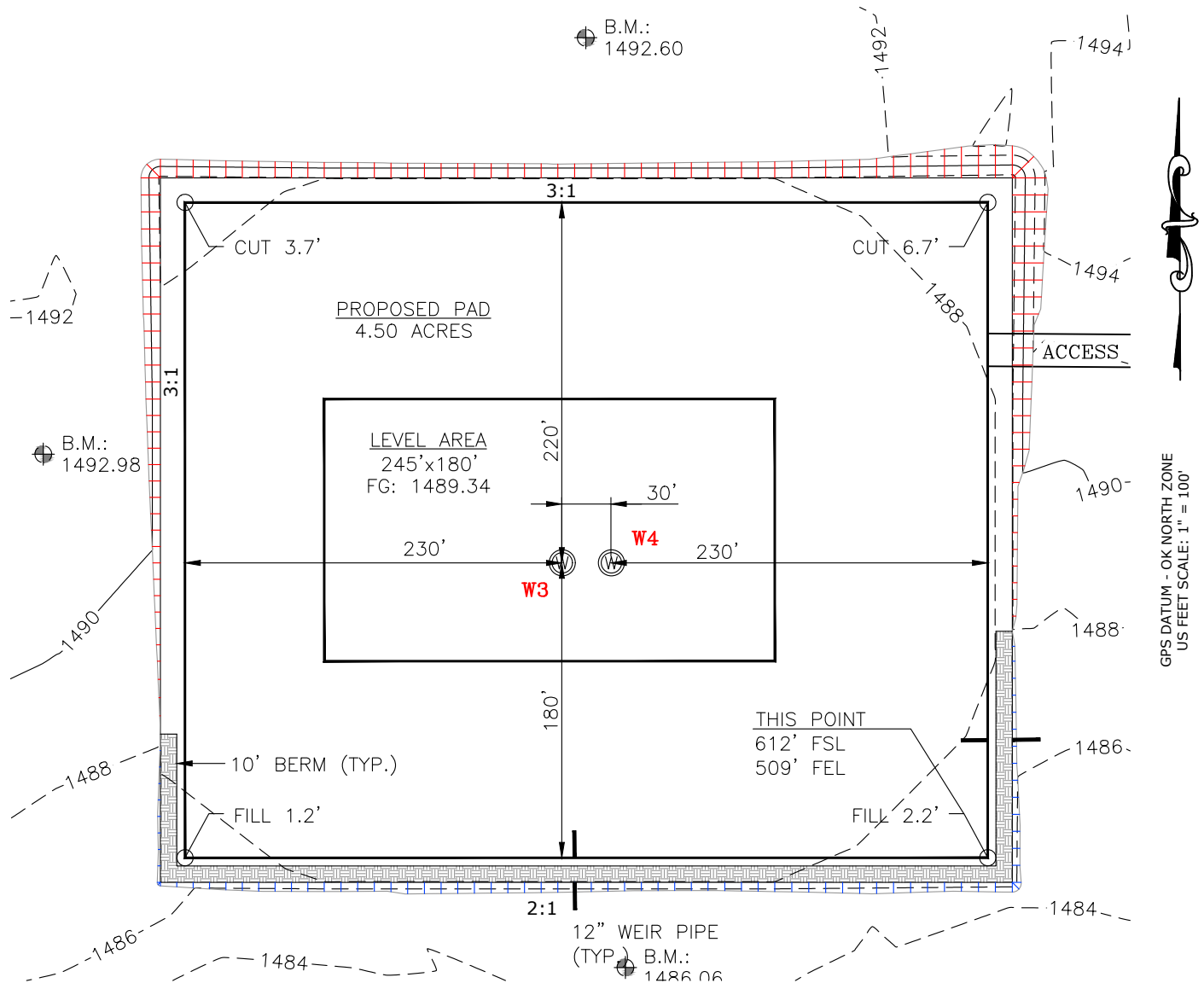
DRAWN BY:	MJL	SCALE:	1" = 100'
CHECKED BY:	MVA	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	EX-GR.
DATE ISSUED:	02-20-18	SHEET:	3 OF 4

EXHIBIT: I
 SHEET: 8.5x11
 SHL: 24-15N-11W
 BHL-3: 36-15N-11W
 BHL-4: 36-15N-11W

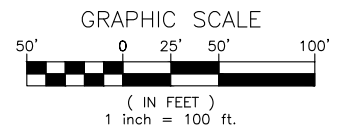


WELL W3: JALOU 3-25-36XHM
 WELL W4: JALOU 4-25-36XHM

TOTAL PROPOSED DISTURBED AREA: 5.57 ACRES



CUT VOLUME 8114.73 CU. YD. | STRIP 6" TOP SOIL 3,629.63 CU. YD.
 FILL VOLUME 8109.99 CU. YD. | BERM LENGTH: 744'
 (CUT/FILL CALCS & PROPOSED ELEVATION DOES NOT INCLUDE 6" TOP SOIL STRIP)



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PROPOSED GRADING PLAN

DRAWN BY:	MJL	SCALE:	1" = 100'
CHECKED BY:	MVA	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	PRO-GR.
DATE ISSUED:	02-20-18	SHEET:	4 OF 4