

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

API NUMBER: 051 24471

Approval Date: 09/11/2018

Expiration Date: 03/11/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 35 Twp: 7N Rge: 6W

County: GRADY

SPOT LOCATION: ☐ SW ☐ NW ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 457 266

Lease Name: MARTHA

Well No: 2-35-2-11XHS

Well will be 266 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

RICHARD & LISA HART
308 PONDRIDGE RD
CHICKASHA OK 73018

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

Name	Depth	Name	Depth
1 SPRINGER	12075	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 160624
116468

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201806177
201806176
201806171
201806170
201806178

Special Orders:

Total Depth: 23377

Ground Elevation: 1126

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 550

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: 3000 Average: 2000

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: DUNCAN

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

PERMIT NO: 18-35091

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 BED AQUIFER

Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Sec 11 Twp 6N Rge 6W County GRADY

Spot Location of End Point: S2 S2 NW NW

Feet From: NORTH 1/4 Section Line: 1200

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 11399

Radius of Turn: 409

Direction: 177

Total Length: 11336

Measured Total Depth: 23377

True Vertical Depth: 12630

End Point Location from Lease,
Unit, or Property Line: 660

Notes:

Category

Description

DEEP SURFACE CASING

8/28/2018 - 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

8/28/2018 - 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

MEMO

8/28/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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.

051 24471 MARTHA 2-35-2-11XHS

Category	Description
PENDING CD - 201806170	9/10/2018 - G58 - (I.O.) 35-7N-6W & 2 & 11-6N-6W EST MULTIUNIT HORIZONTAL WELL X160624 SPRG 35-7N-6W X116468 SPRG 2 & 11-6N-6W XOTHER 45% 35-7N-6W 45% 2-6N-6W 10% 11-6N-6W NO OP. NAMED REC 8/21/2018 (MURER)
PENDING CD - 201806171	9/10/2018 - G58 - (I.O.) 35-7N-6W & 2 & 11-6N-6W X160624 SPRG 35-7N-6W X116468 SPRG 2 & 11-6N-6W XOTHER SHL 50' FNL, 330' FWL OF 35-7N-6W** COMPL. INT. 35-7N-6W NCT 150' FNL, NCT 0' FSL, NCT 330' FWL COMPL. INT. 2-6N-6W NCT 0' FNL, NCT 0' FSL, NCT 330' FWL COMPL. INT. 11-6N-6W NCT 0' FNL, NCT 2640' FSL, NCT 330' FWL NO OP. NAMED REC 8/21/2018 (MURER)
PENDING CD - 201806176	**SHL IS 457' FNL, 266' FWL OF 35-7N-6W; WILL BE CHANGED AT HEARING PER OP 9/10/2018 - G58 - 35-7N-6W X160624 SPRG 3 WELLS NO OP. NAMED REC 8/21/2018 (MURER)
PENDING CD - 201806177	9/10/2018 - G58 - 2-6N-6W X116468 SPRG 3 WELLS NO OP. NAMED REC 8/21/2018 (MURER)
PENDING CD - 201806178	9/10/2018 - G58 - 11-6N-6W X116468 SPRG 6 WELLS NO OP. NAMED REC 8/21/2018 (MURER)
SPACING - 116468	9/10/2018 - G58 - (640) 2 & 11-6N-6W EST SPRG, OTHERS
SPACING - 160624	9/10/2018 - G58 - (640) 35-7N-6W EXT 123130/155263 SPRG, OTHERS
WATERSHED STRUCTURE	8/28/2018 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 224-0523 PRIOR TO DRILLING

EXHIBIT: A (1 of 2)
SHEET: 8.5x11
SHL: 35-7N-6W
BHL-2 11-6N-6W



COVER SHEET

CONTINENTAL RESOURCES, INC.

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

Section 35 Township 7N Range 6W I.M.
County GRADY State OK
Operator CONTINENTAL RESOURCES, INC.

Well: Martha 2-35-2-11XHS 051-24471
Well: --

NAD-83								
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W2	MARTHA 2-35-2-11XHS	622198	2025213	35° 02' 34.30" -97° 48' 37.93"	35.042862 -97.810537	457' FNL / 266' FWL (NW/4 SEC 35)	1126.22'	1128.12'
LP-2	LANDING POINT	622199	2025607	35° 02' 34.31" -97° 48' 33.20"	35.042863 -97.809221	457' FNL / 660' FWL (NW/4 SEC 35)	--	--
BHL-2	BOTTOM HOLE LOCATION	610863	2025617	35° 00' 42.17" -97° 48' 33.34"	35.011715 -97.809260	1200' FNL / 660' FWL (NW/4 SEC 11)	--	--
X-1	LIGHTFIELD #1	619204	2028855	35° 02' 04.61" -97° 47' 54.20"	35.034615 -97.798389	35-7N-6W:NE4SW4NW4SE4 TD: 7,900' 1,820' FSL / 1,270' FWL	--	--
X-2	ELLIOT #1-35H	617555	2026399	35° 01' 48.35" -97° 48' 23.77"	35.030097 -97.806603	35-7N-6W:SW4SW4SE4SW4 TD: 17,875' 180' FSL / 1,450' FWL	--	--
X-3	MARTHA #1-35H	617958	2029347	35° 01' 52.29" -97° 47' 48.32"	35.031191 -97.796755	35-7N-6W:NE4SW4SE4SE4 TD: 16,788' 573' FSL / 879' FEL	--	--
X-4	MARTHA SKID #1-35H	617993	2029869	35° 01' 52.62" -97° 47' 42.04"	35.031284 -97.795011	35-7N-6W:NE4SW4SE4SE4 TD: 16,788' 606' FSL / 857' FEL	--	--
X-5	CLARK #1-2	616032	2028909	35° 01' 33.24" -97° 47' 53.63"	35.025899 -97.798230	2-6N-6W:NE4 TD: 7,900' 1,320' FSL / 1,320' FWL	--	--
X-6	JAMIE #1-2	615295	2029175	35° 01' 25.94" -97° 47' 50.45"	35.023873 -97.797347	2-6N-6W:NW4SW4SE4NE4 TD: 7,855' 2,090' FNL / 1,050' FEL	--	--
X-7	FIECK #1-2H	612269	2029741	35° 00' 56.01" -97° 47' 43.72"	35.015558 -97.795478	2-6N-6W:SW4SE4SE4SE4 TD: 17,817' 200' FSL / 500' FEL	--	--

NAD-27								
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W2	MARTHA 2-35-2-11XHS	622156	2056810	35° 02' 34.06" -97° 48' 36.78"	35.042795 -97.810218	457' FNL / 266' FWL (NW/4 SEC 35)	1126.22'	1128.12'
LP-2	LANDING POINT	622157	2057204	35° 02' 34.07" -97° 48' 32.05"	35.042796 -97.808903	457' FNL / 660' FWL (NW/4 SEC 35)	--	--
BHL-2	BOTTOM HOLE LOCATION	610821	2057213	35° 00' 41.93" -97° 48' 32.19"	35.011648 -97.808942	1200' FNL / 660' FWL (NW/4 SEC 11)	--	--
X-1	LIGHTFIELD #1	619162	2060452	35° 02' 04.37" -97° 47' 53.05"	35.034548 -97.798070	35-7N-6W:NE4SW4NW4SE4 TD: 7,900' 1,820' FSL / 1,270' FWL	--	--
X-2	ELLIOT #1-35H	617513	2057996	35° 01' 48.11" -97° 48' 22.62"	35.030030 -97.806285	35-7N-6W:SW4SW4SE4SW4 TD: 17,875' 180' FSL / 1,450' FWL	--	--
X-3	MARTHA #1-35H	617916	2060944	35° 01' 52.05" -97° 47' 47.17"	35.031124 -97.796437	35-7N-6W:NE4SW4SE4SE4 TD: 16,788' 573' FSL / 879' FEL	--	--
X-4	MARTHA SKID #1-35H	617951	2061466	35° 01' 52.38" -97° 47' 40.90"	35.031217 -97.794693	35-7N-6W:NE4SW4SE4SE4 TD: 16,788' 606' FSL / 857' FEL	--	--
X-5	CLARK #1-2	615990	2060506	35° 01' 33.00" -97° 47' 52.48"	35.025832 -97.797911	2-6N-6W:NE4 TD: 7,900' 1,320' FSL / 1,320' FWL	--	--
X-6	JAMIE #1-2	615253	2060772	35° 01' 25.70" -97° 47' 49.30"	35.023806 -97.797028	2-6N-6W:NW4SW4SE4NE4 TD: 7,855' 2,090' FNL / 1,050' FEL	--	--
X-7	FIECK #1-2H	612227	2061337	35° 00' 55.77" -97° 47' 42.58"	35.015491 -97.795160	2-6N-6W:SW4SE4SE4SE4 TD: 17,817' 200' FSL / 500' FEL	--	--

Certificate of Authorization No. 7318

Date Staked: **--18
Date Drawn: 07-27-18



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

REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	07-27-18	HGD	ISSUED FOR APPROVAL	--

EXHIBIT: A (2 of 2)
SHEET: 8.5x14
SHL: 35-7N-6W
BHL-2 11-6N-6W

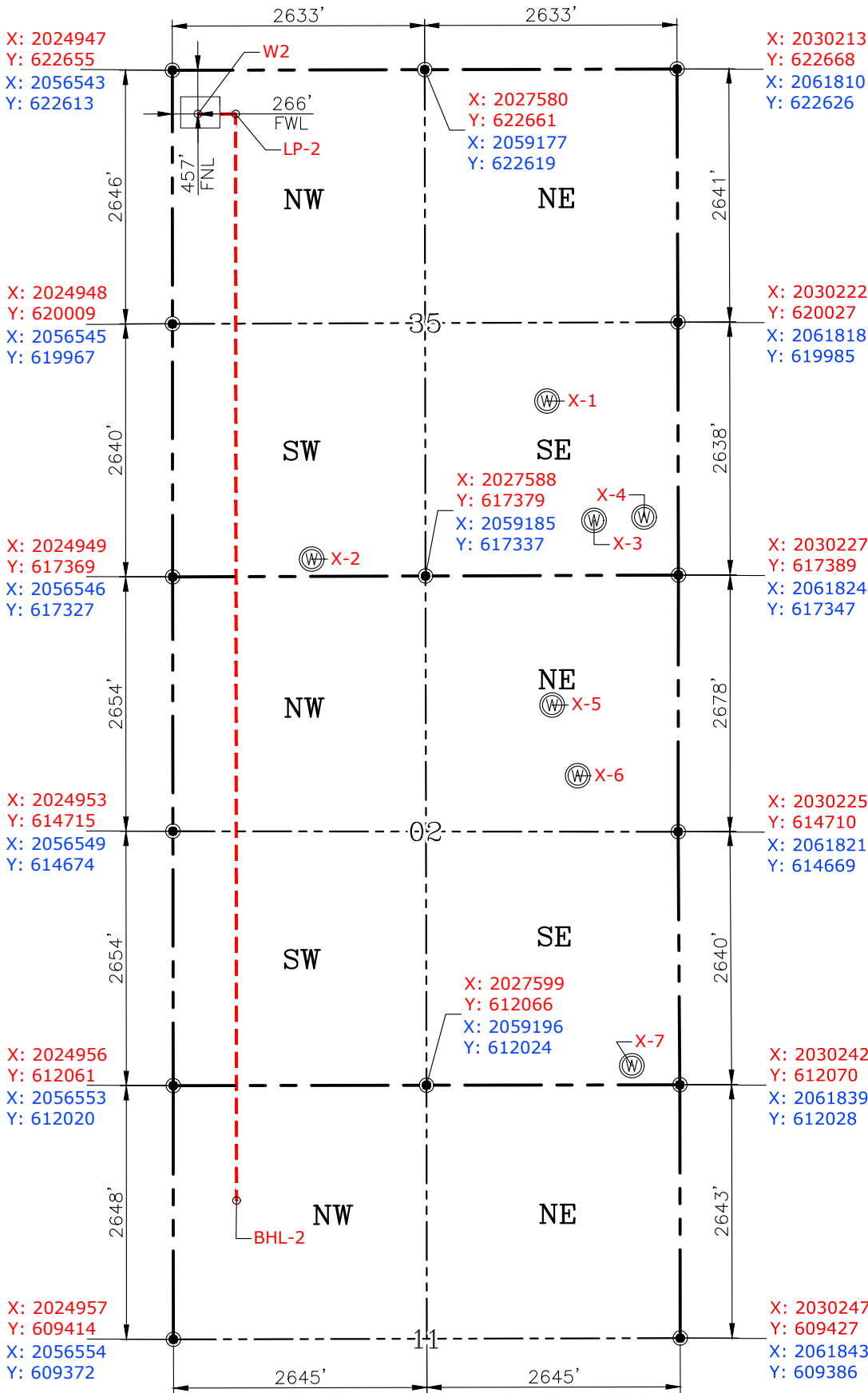
PETRO LAND SERVICES SOUTH, LLC
10400 VINEYARD BLVD. SUITE C, OKLA. CITY, OKLA. 73120 * OFFICE (405) 212-3108
Certificate of Authorization No. 7318



CONTINENTAL
RESOURCES, INC
(OPERATOR)

GRADY County Oklahoma
457' FNL-266' FWL Section 35 Township 7N Range 6W I.M.

WELL: Martha
2-35-2-11XHS



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.



Randall J. Bilyeu

Oklahoma PLS No.1196 DATE

EXHIBIT: B
SHEET: 8.5x11
SHL: 35-7N-6W
BHL-2 11-6N-6W

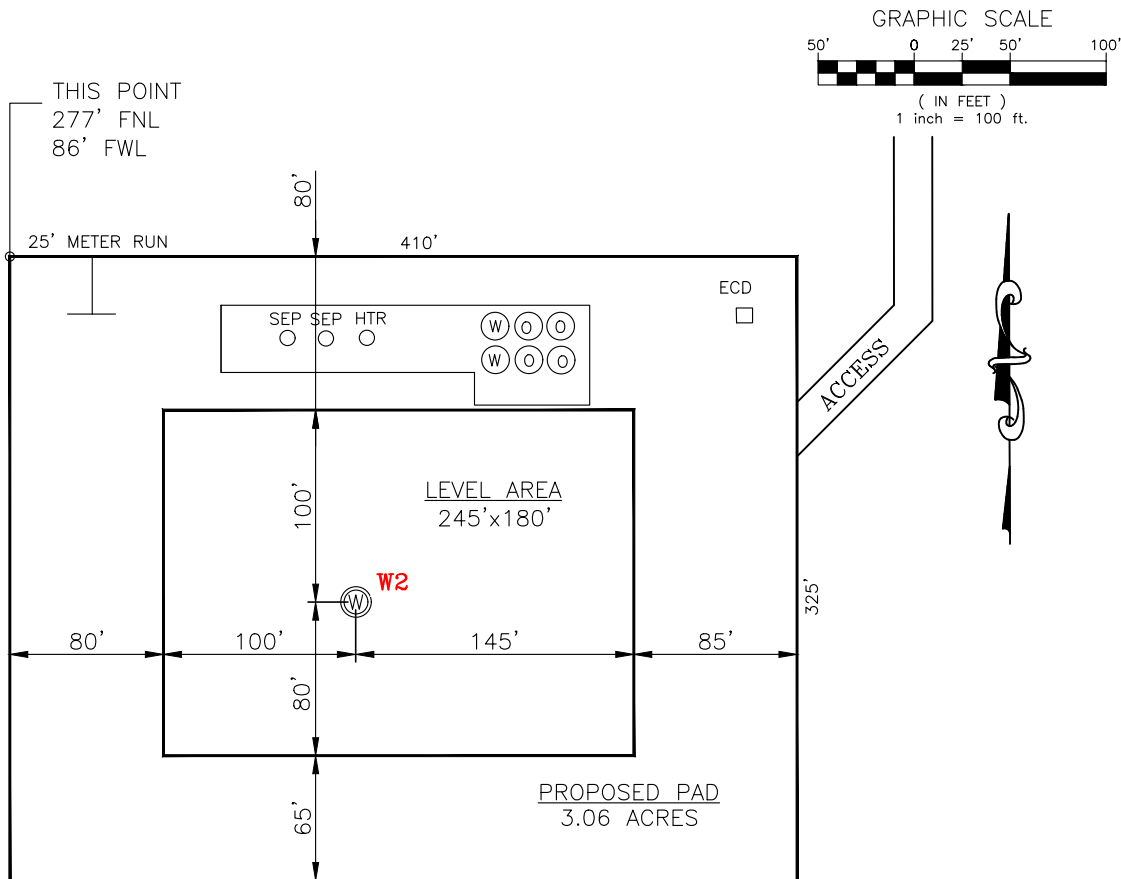
PETRO LAND SERVICES SOUTH, LLC

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



CONTINENTAL
RESOURCES, INC
(OPERATOR)

GRADY County Oklahoma
457' FNL-266' FWL Section 35 Township 7N Range 6W I.M.



CURRENT REV.: 0

DATUM: NAD-83
LAT: 35°02'34.30"
LONG: -97°48'37.93"
LAT: 35.042862°
LONG: -97.810537°

STATE PLANE
COORDINATES
(US FEET): OK SOUTH

X: 2025213
Y: 622198

Operator: CONTINENTAL RESOURCES, INC.
Lease Name: --
Topography & Vegetation: Pasture
Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set: No
Best Accessibility to Location: From The West Line
Distance & Direction From Hwy. or Town: From Chickasha, head east on SH-9 for 6.6 miles & turn right onto SH-39. Head east for 0.6 miles & turn right. Head south on Red Bird Rd. for 0.04 miles to the proposed access road on the east side of Red Bird Rd.

THE INFORMATION SHOWN HEREIN IS FOR
CONSTRUCTION PURPOSES ONLY

LANDING POINT, BOTTOM HOLE AND DRILL PATH
INFORMATION PROVIDED BY OPERATOR LISTED,
NOT SURVEYED.

Well W2: Martha 2-35-2-11XHS
Well --: --

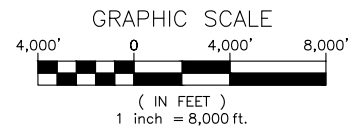
(This Information Was Gathered
With a GPS Receiver With ±1
Foot Horiz./Vert. Accuracy)

Certificate of Authorization No. 7318

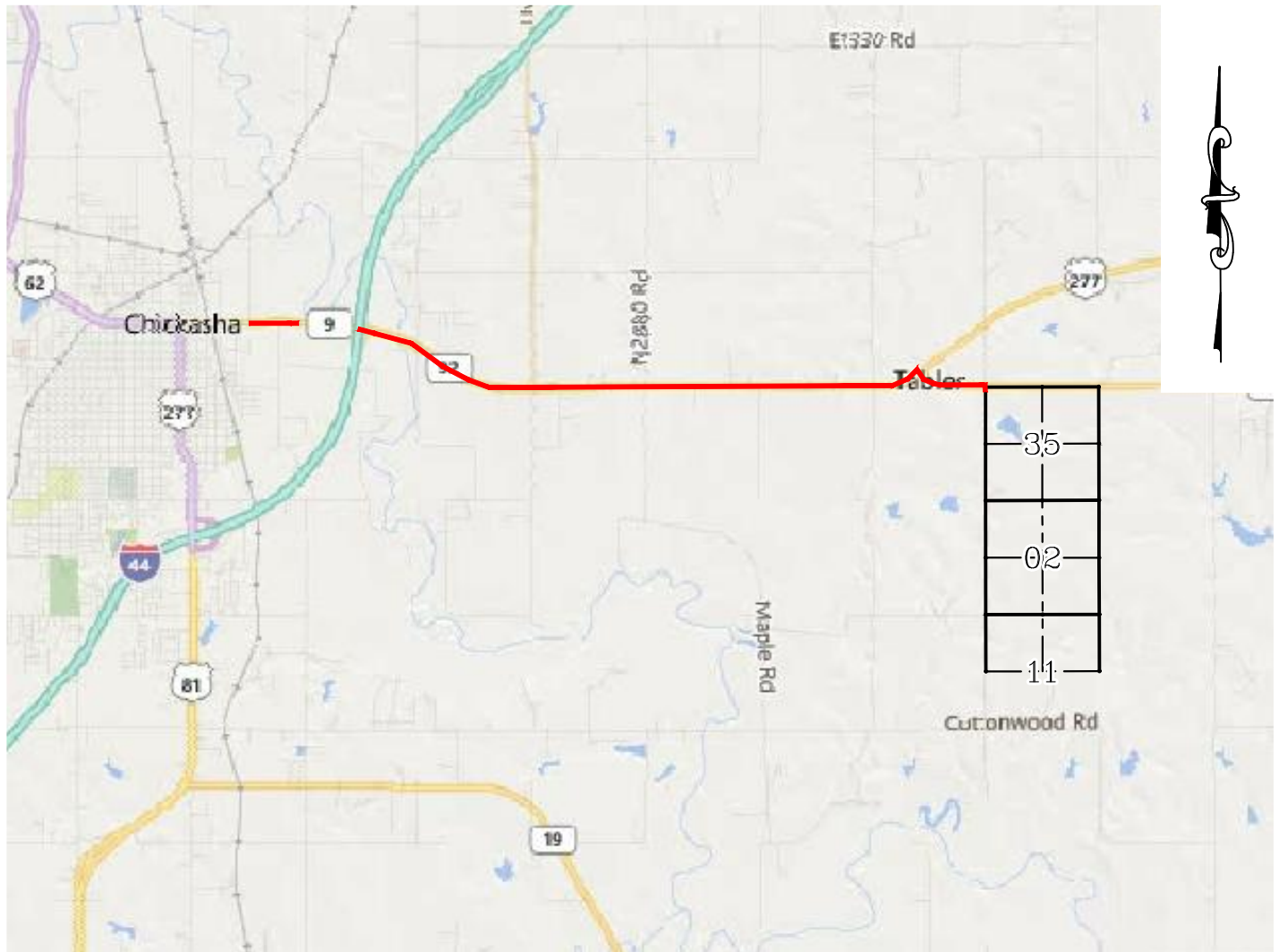


Prepared By:
Petro Land Services South
10400 Vineyard Blvd.
Suite C
Oklahoma City, OK 73120

EXHIBIT: C
SHEET: 8.5x11
SHL: 35-7N-6W
BHL-2 11-6N-6W



VICINITY MAP



FROM CHICKASHA, HEAD EAST ON SH-9 FOR 6.6 MILES & TURN RIGHT ONTO SH-39. HEAD EAST FOR 0.6 MILES & TURN RIGHT. HEAD SOUTH ON RED BIRD RD. FOR 0.04 MILES TO THE PROPOSED ACCESS ROAD ON THE EAST SIDE OF RED BIRD RD.

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 35 Township 7N Range 6W I.M. Well W2: Martha 2-35-2-11XHS

Date Staked: **--**--18

County GRADY State OK Well --: --



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

Operator CONTINENTAL RESOURCES, INC.

CURRENT REV.: 0

EXHIBIT: D
SHEET: 8.5x11
SHL: 35-7N-6W
BHL-2 11-6N-6W



WELL W2: Martha 2-35-2-11XHS
WELL --: --

FACING NORTH

(NO IMAGES AVAILABLE)

FACING SOUTH

(NO IMAGES AVAILABLE)

CURRENT REV.: 0



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

TERRAIN

DRAWN BY:	HDG	SCALE:	N.T.S.
CHECKED BY:	MJL	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	TERRAIN-1
DATE ISSUED:	07-27-18	SHEET:	1 OF 2

EXHIBIT: E
SHEET: 8.5x11
SHL: 35-7N-6W
BHL-2 11-6N-6W



WELL W2: Martha 2-35-2-11XHS
WELL --: --

FACING EAST

(NO IMAGES AVAILABLE)

FACING WEST

(NO IMAGES AVAILABLE)

CURRENT REV.: 0



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

TERRAIN

DRAWN BY:	HDG	SCALE:	N.T.S.
CHECKED BY:	MJL	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	TERRAIN-2
DATE ISSUED:	07-27-18	SHEET:	2 OF 2

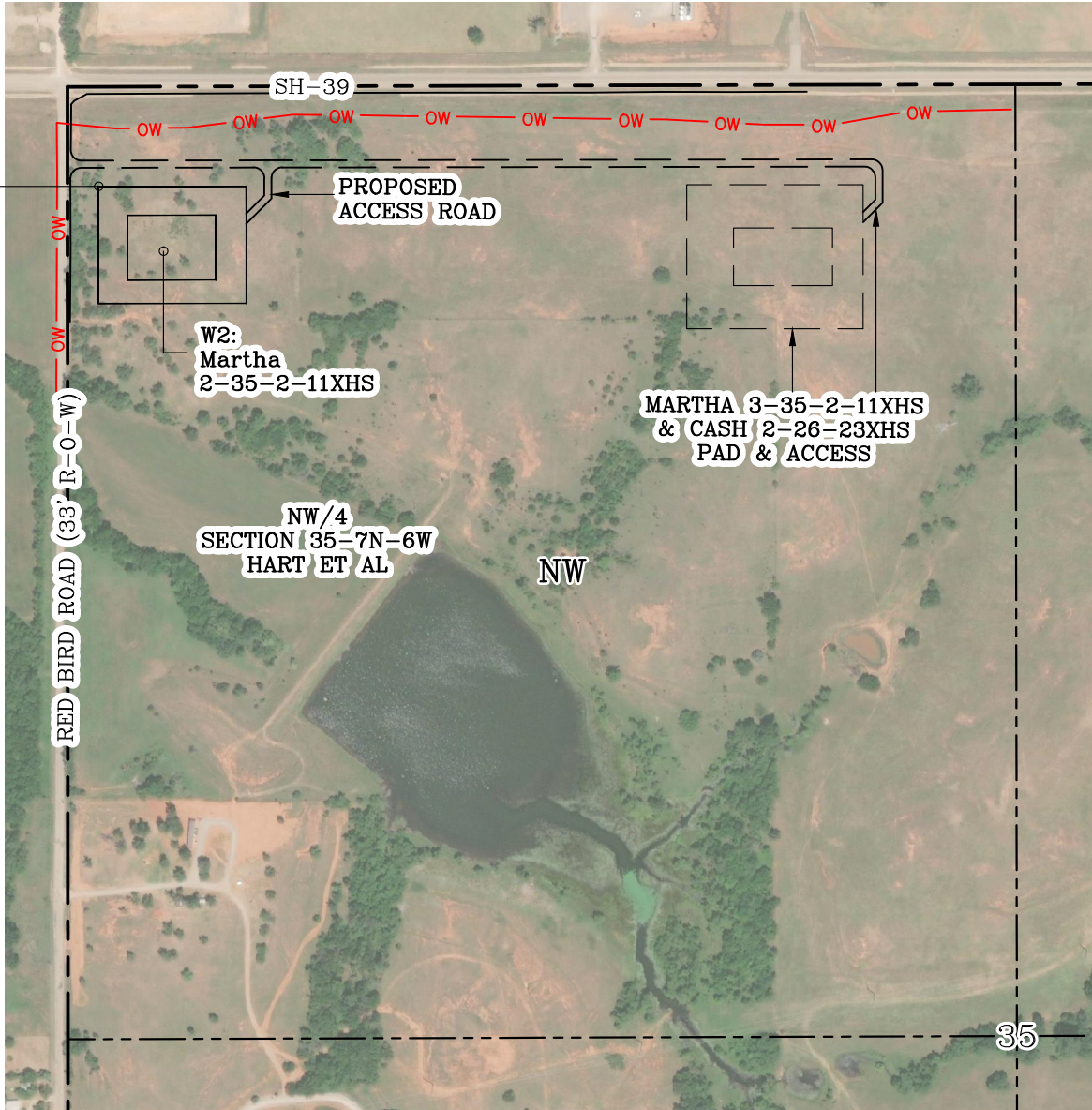
EXHIBIT: F
SHEET: 8.5x11
SHL: 35-7N-6W
BHL-2 11-6N-6W



WELL W2: Martha 2-35-2-11XHS
WELL --: --

PROPOSED ACCESS ROAD = 177' | 10.73 RODS (TOTAL)

THIS POINT
277' FNL
86' FWL

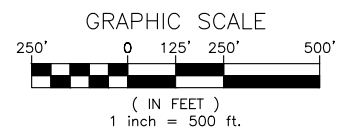


GPS DATUM - OK SOUTH ZONE
US FEET SCALE: 1" = 500'

Section 35 Township 7N Range 6W I.M.

County GRADY State OK

Operator CONTINENTAL RESOURCES, INC.



CURRENT REV.: 0



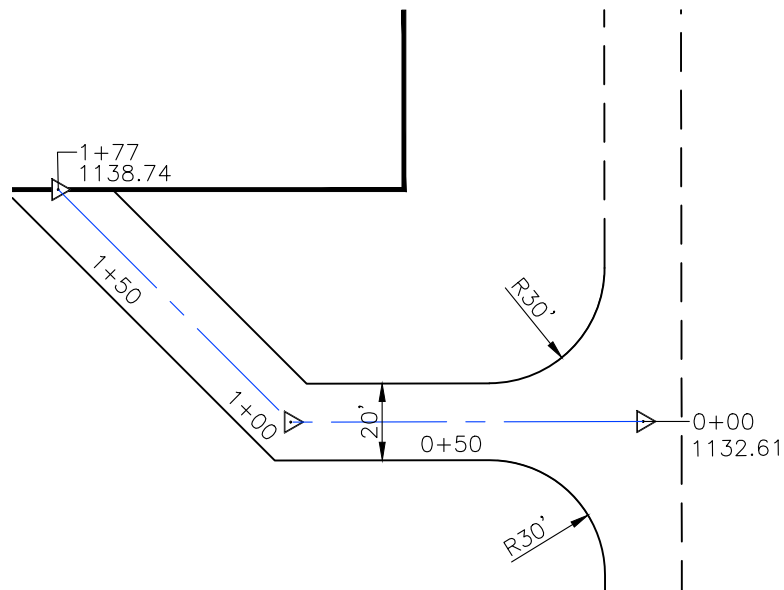
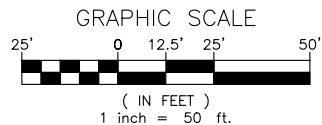
Prepared By:
Petro Land Services South
10400 Vineyard Blvd.
Suite C
Oklahoma City, OK 73120

AERIAL PLAT

DRAWN BY:	HDG	SCALE:	1" = 500'
CHECKED BY:	MJL	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	AERIAL-1
DATE ISSUED:	07-27-18	SHEET:	1 OF 4

EXHIBIT: G
 SHEET: 8.5x11
 SHL: 35-7N-6W
 BHL-2 11-6N-6W

GPS DATUM - OK SOUTH ZONE
 US FEET SCALE: 1" = 50'



NW/4
 SECTION 35-7N-6W
 HART ET AL

←
 ACCESS ROAD TO
 Martha 2-35-2-11XHS

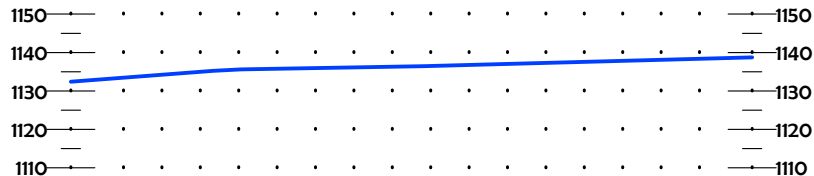
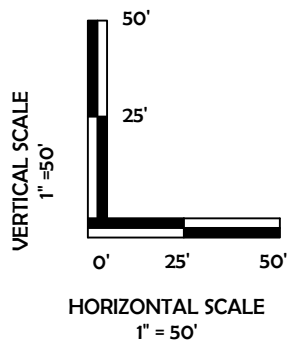


- * THIS PROPOSED LEASE ROAD PLAT DOES NOT REPRESENT A TRUE BOUNDARY SURVEY.
- * THE FOOTAGES AND TIES SHOWN HEREON ARE FROM LINES OF OCCUPATION AND MAY NOT BE FROM ACTUAL PROPERTY CORNERS.

Well W2: Martha 2-35-2-11XHS

Well --: --

PROPOSED ACCESS ROAD = 177' | 10.73 RODS (TOTAL)



CURRENT REV.: 0



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



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

LEASE ROAD PLAN & PROFILE

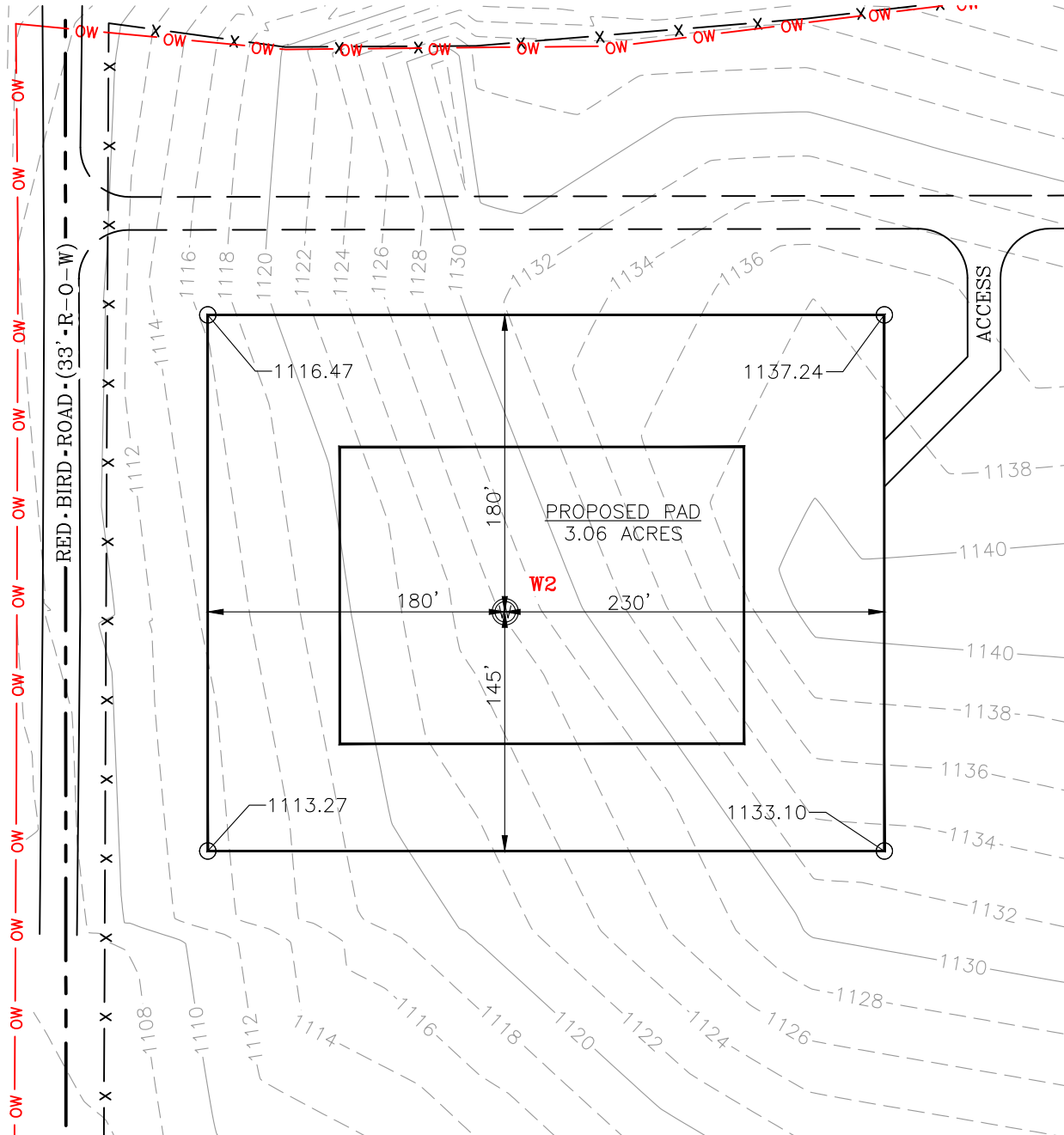
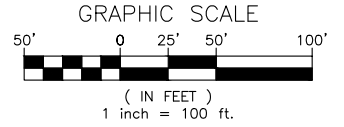
DRAWN BY:	HDG	SCALE:	AS NOTED
CHECKED BY:	MJL	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	P&P
DATE ISSUED:	07-27-18	SHEET:	2 OF 4

EXHIBIT: H
 SHEET: 8.5x11
 SHL: 35-7N-6W
 BHL-2 11-6N-6W



WELL W2: Martha 2-35-2-11XHS

WELL --: --



GPS DATUM - OK SOUTH ZONE
 US FEET SCALE: 1" = 100'

CURRENT REV.: 0



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

EXISTING GRADING PLAN

DRAWN BY:	HGD	SCALE:	1" = 100'
CHECKED BY:	MJL	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	EX-GR.
DATE ISSUED:	07-27-18	SHEET:	3 OF 4

DRAWN BY:	HDG	SCALE:	1" = 100'
CHECKED BY:	MJL	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	PRO-GR.
DATE ISSUED:	07-27-18	SHEET:	4 OF 4