

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

API NUMBER: 137 27563

Approval Date: 04/08/2019

Expiration Date: 10/08/2020

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 20 Twp: 1N Rge: 4W

County: STEPHENS

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 338 330

Lease Name: RINGER RANCH

Well No: 1-20-17XHM

Well will be 330 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

RINGER RANCH, LLC
PO BOX 37
PAULS VALLEY OK 73075

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

	Name	Depth	Name	Depth
1	SYCAMORE	9309	6	
2	WOODFORD	10010	7	
3			8	
4			9	
5			10	

Spacing Orders: 673593
673594

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201901555
201901556

Special Orders:

Total Depth: 19723

Ground Elevation: 1030

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 270

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: 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 ALLUVIAL

Pit Location Formation: ALLUVIUM

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

PERMIT NO: 19-36443

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 17 Twp 1N Rge 4W County STEPHENS

Spot Location of End Point: N2 NE NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 330

Depth of Deviation: 9041

Radius of Turn: 477

Direction: 360

Total Length: 9933

Measured Total Depth: 19723

True Vertical Depth: 10239

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

Notes:

Category

Description

DEEP SURFACE CASING

4/1/2019 - 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

4/1/2019 - 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: 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

MEMO

4/1/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (BLACK BEAR CREEK), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201901555

4/8/2019 - GA8 - (I.O.) 20 & 17-1N-4W
X673594 SCMR, WDFD 20-1N-4W
X673593 SCMR, WDFD 17-1N-4W
COMPL. INT. (20-1N-4W) NCT 150' FSL, NCT 0' FNL, NCT 330' FEL
COMPL. INT. (17-1N-4W) NCT 0' FSL, NCT 150' FNL, NCT 330' FEL
NO OP. NAMED
REC 4/2/2019 (MILLER)

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.

137 27563 RINGER RANCH 1-20-17XHM

Category	Description
PENDING CD - 201901556	4/8/2019 - GA8 - (I.O.) 20 & 17-1N-4W EST MULTIUNIT HORIZONTAL WELL X673594 SCMR, WDFD 20-1N-4W X673593 SCMR, WDFD 17-1N-4W (WDFD ADJACENT COMMON SOURCE OF SUPPLY TO SCMR) 50% 20-1N-4W 50% 17-1N-4W NO OP. NAMED REC. 4/2/2019 (MILLER)
SPACING - 673593	4/8/2019 - GA8 - (640)(HOR) 17-1N-4W EST SCMR, WDFD, OTHER POE TO BHL (SCMR) NLT 660' FB POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST SP. ORDER #27148/275515 SCMR S2; ORDER #297329 SCMR, WDFD N2; ORDER #271481 WDFD S2)
SPACING - 673594	4/8/2019 - GA8 - (640)(HOR) 20-1N-4W EXT 408096 SCMR EXT 642263 WDFD, OTHER POE TO BHL (SCMR) NLT 660' FB POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST ANY NON-HORIZONTAL DRILLING & SPACING)

EXHIBIT: A (1 of 3)
SHEET: 8.5x11
SHL: 20-1N-4W
BHL-1 17-1N-4W



35-137-27563

COVER SHEET

CONTINENTAL RESOURCES, INC.

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

Section 20 Township 1N Range 4W I.M.

Well: RINGER RANCH 1-20-17XHM

County STEPHENS State OK

Well: --

Operator CONTINENTAL RESOURCES, INC.

NAD-83

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W1	RINGER RANCH 1-20-17XHM	438247	2078596	34° 32' 13.29" -97° 38' 03.94"	34.537025 -97.634427	338' FSL / 330' FEL (SE/4 SEC 20)	1028.88'	1029.83'
LP-1	LANDING POINT	438492	2078596	34° 32' 15.71" -97° 38' 03.92"	34.537698 -97.634423	583' FSL / 330' FEL (SE/4 SEC 20)	--	--
BHL-1	BOTTOM HOLE LOCATION	448425	2078608	34° 33' 53.97" -97° 38' 03.35"	34.564991 -97.634264	50' FNL / 330' FEL (NE/4 SEC 17)	--	--
X-1	B. C. LUNDY #2	447478	2077930	34° 33' 44.62" -97° 38' 11.50"	34.562395 -97.636527	17-1N-4W: TD: 7,830' 995' FNL / 1,006' FEL	--	--
X-2	DARNALL #1	--	--	--	--	17-1N-4W: TD: 7,515'	--	--
X-3	WADE #1-17	445158	2076836	34° 33' 21.71" -97° 38' 24.68"	34.556031 -97.640188	17-1N-4W: TD: 10,650' 1,980' FSL / 2,094' FEL	--	--
X-4	B. C. LUNDY #1	448130	2075935	34° 33' 51.14" -97° 38' 35.33"	34.564207 -97.643146	17-1N-4W: TD: 8,965' 336' FNL / 2,310' FWL	--	--
X-5	DARNALL #1	440860	2073948	34° 32' 39.29" -97° 38' 59.38"	34.544248 -97.649828	20-1N-4W: TD: 8,026' 2,305' FNL / 330' FWL	--	--
X-6	RINGER ESTATE "G" #1	438233	2077261	34° 32' 13.20" -97° 38' 19.89"	34.537000 -97.638858	20-1N-4W: TD: 5,923' 330' FSL / 1,665' FEL	--	--
X-7	J. A. CARNES #1	--	--	--	--	20-1N-4W: TD: 5,500'	--	--
X-8	DARNELL #1	442855	2077923	34° 32' 58.89" -97° 38' 11.78"	34.549691 -97.636606	20-1N-4W: TD: 7,540' 328' FNL / 1,003' FEL	--	--
X-9	WADE #1	441525	2075599	34° 32' 45.81" -97° 38' 39.62"	34.546059 -97.644340	20-1N-4W: TD: 7,098' 1,648' FNL / 1,980' FWL	--	--
X-10	WADE #1	438228	2075926	34° 32' 13.19" -97° 38' 35.84"	34.536998 -97.643290	20-1N-4W: TD: 6,150' 330' FSL / 2,310' FWL	--	--
X-11	WADE #2	439548	2075927	34° 32' 26.25" -97° 38' 35.78"	34.540625 -97.643271	20-1N-4W: TD: 6,150' 1,650' FSL / 2,310' FWL	--	--
X-12	WADE #4	438223	2074606	34° 32' 13.18" -97° 38' 51.62"	34.536995 -97.647673	20-1N-4W: TD: 6,421' 330' FSL / 990' FWL	--	--
X-13	WADE #3	441202	2077262	34° 32' 42.56" -97° 38' 19.75"	34.545156 -97.638820	20-1N-4W: TD: 6,086' 1,978' FNL / 1,664' FEL	--	--

NOTE:

THE LOCATIONS OF X-2 (DARNALL #1) AND X-7 (J. A. CARNES #1) ARE SHOWN
HEREON PER OCC RECORDS WITH NO DISTANCES TO SECTION LINES RECORDED.

Certificate of Authorization No. 7318

Date Staked: **--*-19
Date Drawn: 3-27-19



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

REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	3-27-19	HGD	ISSUED FOR APPROVAL	--

EXHIBIT: A (2 of 3)
 SHEET: 8.5x11
 SHL: 20-1N-4W
 BHL-1 17-1N-4W



COVER SHEET CONTINUED...

CONTINENTAL RESOURCES, INC.

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

Section 20 Township 1N Range 4W I.M.

Well: RINGER RANCH 1-20-17XHM

County STEPHENS State OK

Well: --

Operator CONTINENTAL RESOURCES, INC.

NAD-27

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W1	RINGER RANCH 1-20-17XHM	438205	2110191	34° 32' 12.99" -97° 38' 02.83"	34.536943 -97.634119	338' FSL / 330' FEL (SE/4 SEC 20)	1028.88'	1029.83'
LP-1	LANDING POINT	438450	2110191	34° 32' 15.42" -97° 38' 02.82"	34.537616 -97.634116	583' FSL / 330' FEL (SE/4 SEC 20)	--	--
BHL-1	BOTTOM HOLE LOCATION	448383	2110203	34° 33' 53.67" -97° 38' 02.24"	34.564910 -97.633957	50' FNL / 330' FEL (NE/4 SEC 17)	--	--
X-1	B. C. LUNDY #2	447436	2109525	34° 33' 44.33" -97° 38' 10.39"	34.562314 -97.636219	17-1N-4W: TD: 7,830' 995' FNL / 1,006' FEL	--	--
X-2	DARNALL #1	--	--	--	--	17-1N-4W: TD: 7,515'	--	--
X-3	WADE #1-17	445116	2108431	34° 33' 21.42" -97° 38' 23.57"	34.555950 -97.639880	17-1N-4W: TD: 10,650' 1,980' FSL / 2,094' FEL	--	--
X-4	B. C. LUNDY #1	448088	2107530	34° 33' 50.85" -97° 38' 34.22"	34.564126 -97.642838	17-1N-4W: TD: 8,965' 336' FNL / 2,310' FWL	--	--
X-5	DARNALL #1	440818	2105543	34° 32' 39.00" -97° 38' 58.27"	34.544167 -97.649521	20-1N-4W: TD: 8,026' 2,305' FNL / 330' FWL	--	--
X-6	RINGER ESTATE "G" #1	438191	2108856	34° 32' 12.90" -97° 38' 18.78"	34.536918 -97.638551	20-1N-4W: TD: 5,923' 330' FSL / 1,665' FEL	--	--
X-7	J. A. CARNES #1	--	--	--	--	20-1N-4W: TD: 5,500'	--	--
X-8	DARNELL #1	442812	2109518	34° 32' 58.59" -97° 38' 10.68"	34.549609 -97.636299	20-1N-4W: TD: 7,540' 328' FNL / 1,003' FEL	--	--
X-9	WADE #1	441482	2107194	34° 32' 45.52" -97° 38' 38.52"	34.545978 -97.644032	20-1N-4W: TD: 7,098' 1,648' FNL / 1,980' FWL	--	--
X-10	WADE #1	438186	2107522	34° 32' 12.90" -97° 38' 34.74"	34.536916 -97.642982	20-1N-4W: TD: 6,150' 330' FSL / 2,310' FWL	--	--
X-11	WADE #2	439506	2107522	34° 32' 25.95" -97° 38' 34.67"	34.540543 -97.642964	20-1N-4W: TD: 6,150' 1,650' FSL / 2,310' FWL	--	--
X-12	WADE #4	438180	2106202	34° 32' 12.89" -97° 38' 50.51"	34.536914 -97.647365	20-1N-4W: TD: 6,421' 330' FSL / 990' FWL	--	--
X-13	WADE #3	441160	2108857	34° 32' 42.27" -97° 38' 18.64"	34.545074 -97.638512	20-1N-4W: TD: 6,086' 1,978' FNL / 1,664' FEL	--	--

NOTE:
 THE LOCATIONS OF X-2 (DARNALL #1) AND X-7 (J. A. CARNES #1) ARE SHOWN
 HEREON PER OCC RECORDS WITH NO DISTANCES TO SECTION LINES RECORDED.

EXHIBIT: A (3 of 3)
SHEET: 8.5x14
SHL: 20-1N-4W
BHL-1 17-1N-4W

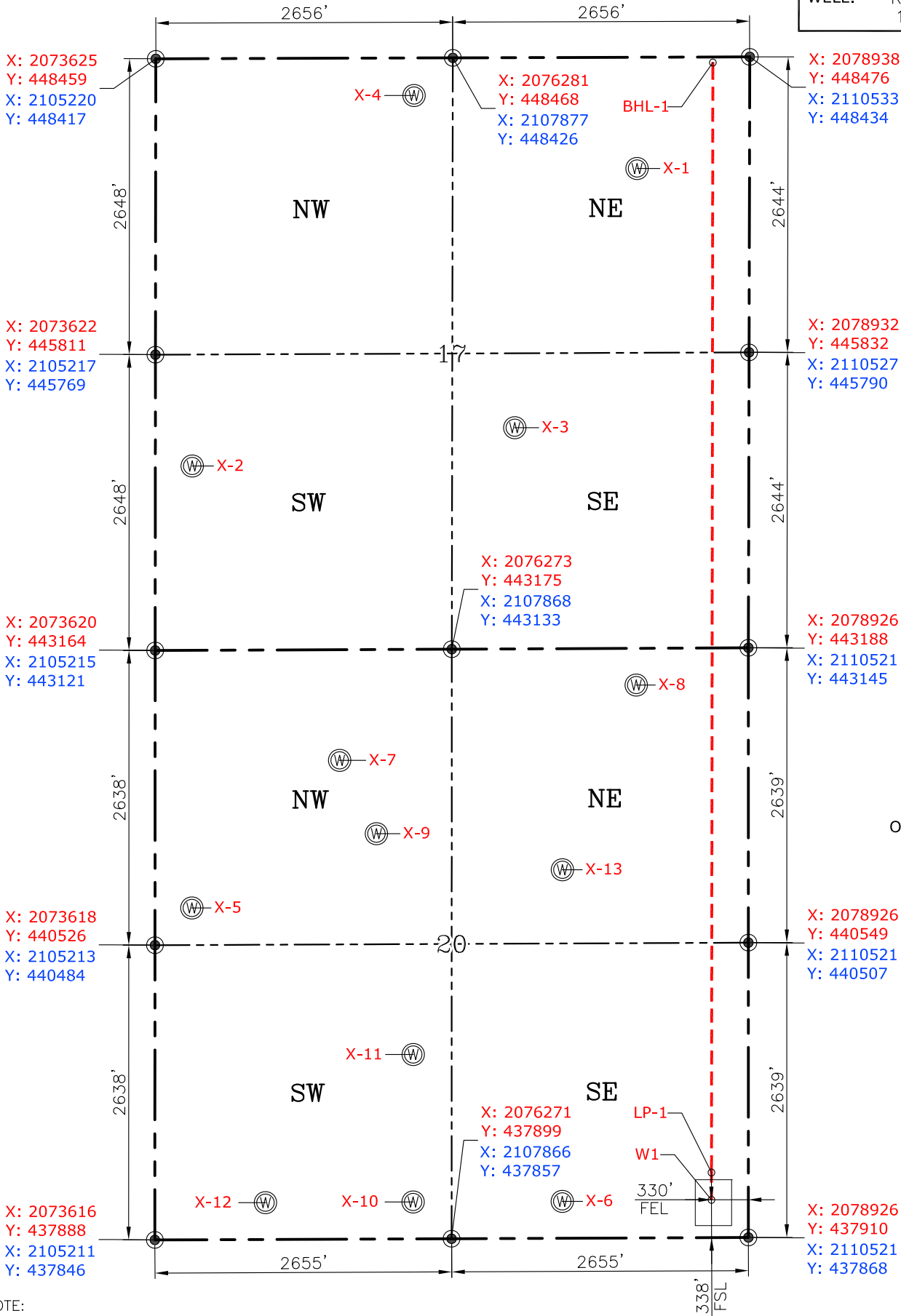
PETRO LAND SERVICES SOUTH, LLC
10400 VINEYARD BLVD. SUITE C, OKLA. CITY, OKLA. 73120 * OFFICE (405) 212-3108
Certificate of Authorization No. 7318



CONTINENTAL
RESOURCES, INC
(OPERATOR)

STEPHENS County Oklahoma
338' FSL-330' FEL Section 20 Township 1N Range 4W I.M.

WELL: RINGER RANCH
1-20-17XHM



NOTE:
THE LOCATIONS OF X-2 (DARNALL #1) AND X-7 (J. A. CARNES #1) ARE SHOWN
HEREON PER OCC RECORDS WITH NO DISTANCES TO SECTION LINES RECORDED.

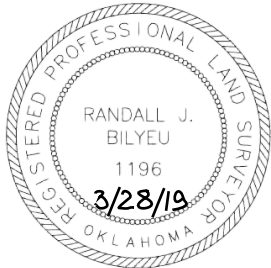
CURRENT REV.: 0

Date Drawn: 3-27-19

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: 20-1N-4W
BHL-1 17-1N-4W

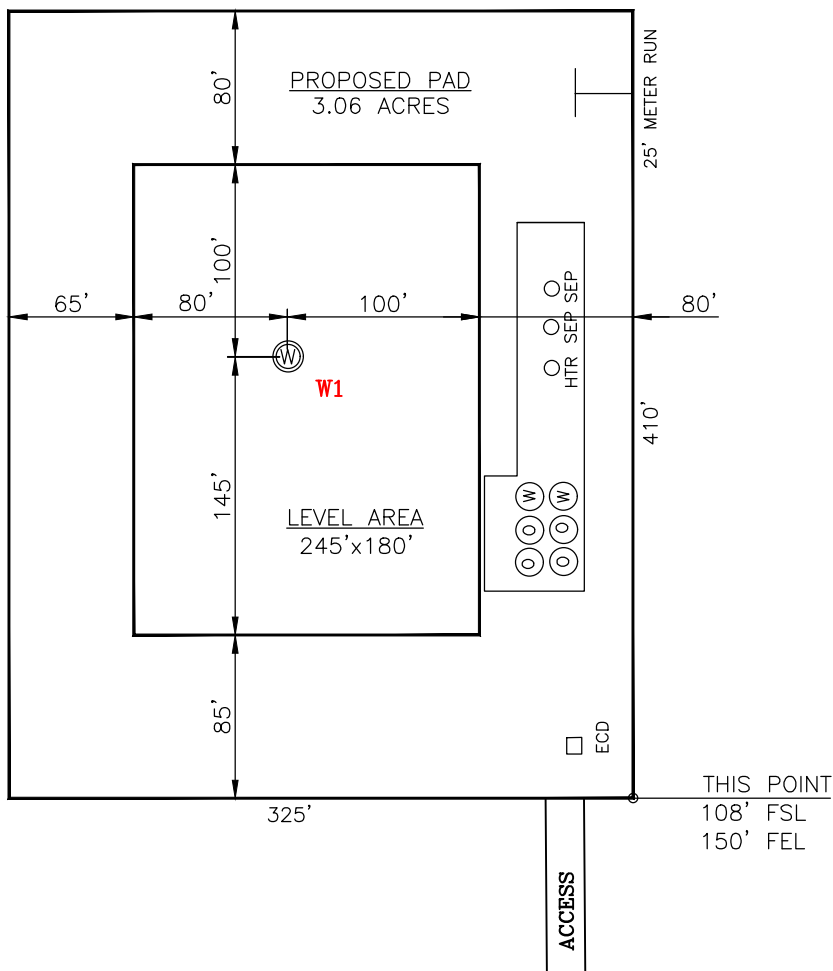
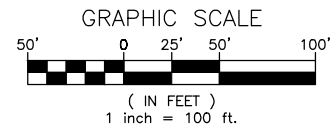
PETRO LAND SERVICES SOUTH, LLC

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



CONTINENTAL
RESOURCES, INC
(OPERATOR)

STEPHENS County Oklahoma
338' FSL-330' FEL Section 20 Township 1N Range 4W I.M.



CURRENT REV.: 0

DATUM: NAD-83
LAT: 34°32'13.29"
LONG: -97°38'03.94"
LAT: 34.537025°
LONG: -97.634427°

STATE PLANE
COORDINATES
(US FEET): OK SOUTH

X: 2078596
Y: 438247

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 South Line

Distance & Direction From Hwy. or Town: Leaving Velma, starting on N-2990 Rd., head north for 3.0 miles & turn right on Beech Rd. Head east for 2.90 miles & turn left on N-3020 Rd. & head north for 2.0 miles. Turn left on E-1710 Rd. and head west for 1.03 miles to the proposed access road.

THE INFORMATION SHOWN HEREIN IS FOR
CONSTRUCTION PURPOSES ONLY

Well W1: RINGER RANCH 1-20-17XHM

Well --: --

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



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

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

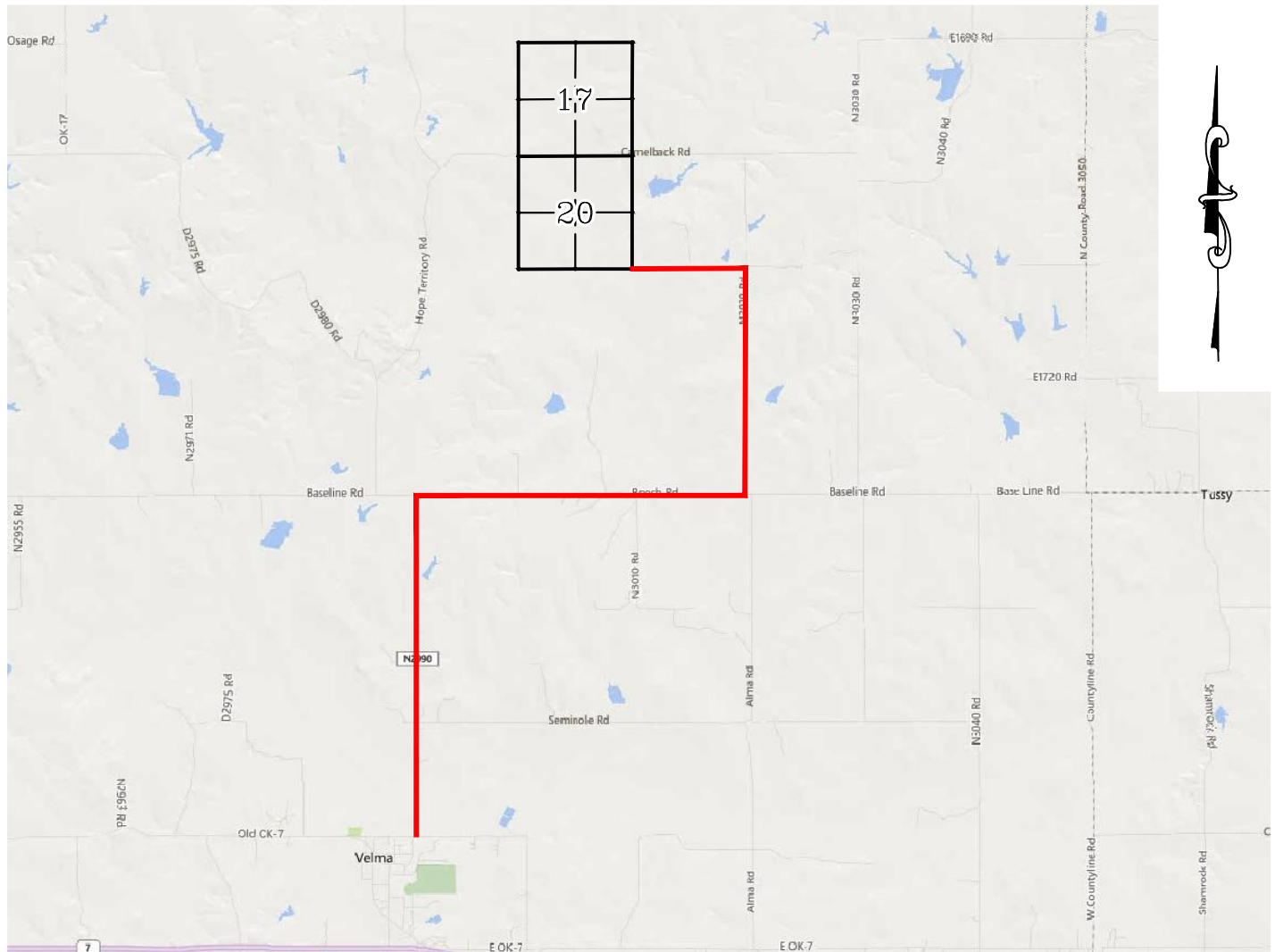
Certificate of Authorization No. 7318

EXHIBIT: C
SHEET: 8.5x11
SHL: 20-1N-4W
BHL-1 17-1N-4W



GRAPHIC SCALE
4,000' 0 4,000' 8,000'
(IN FEET)
1 inch = 8,000 ft.

VICINITY MAP



LEAVING VELMA, STARTING ON N-2990 RD., HEAD NORTH FOR 3.0 MILES & TURN RIGHT ON BEECH RD. HEAD EAST FOR 2.90 MILES & TURN LEFT ON N-3020 RD. & HEAD NORTH FOR 2.0 MILES. TURN LEFT ON E-1710 RD. AND HEAD WEST FOR 1.03 MILES TO THE PROPOSED ACCESS ROAD.

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 20 Township 1N Range 4W I.M. Well W1: RINGER RANCH 1-20-17XHM

County STEPHENS State OK Well --: --

Operator CONTINENTAL RESOURCES, INC.



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

CURRENT REV.: 0

EXHIBIT: D
SHEET: 8.5x11
SHL: 20-1N-4W
BHL-1 17-1N-4W



WELL W1: RINGER RANCH 1-20-17XHM

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:	3-27-19	SHEET:	1 OF 2

EXHIBIT: E
SHEET: 8.5x11
SHL: 20-1N-4W
BHL-1 17-1N-4W



WELL W1: RINGER RANCH 1-20-17XHM

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:	3-27-19	SHEET:	2 OF 2

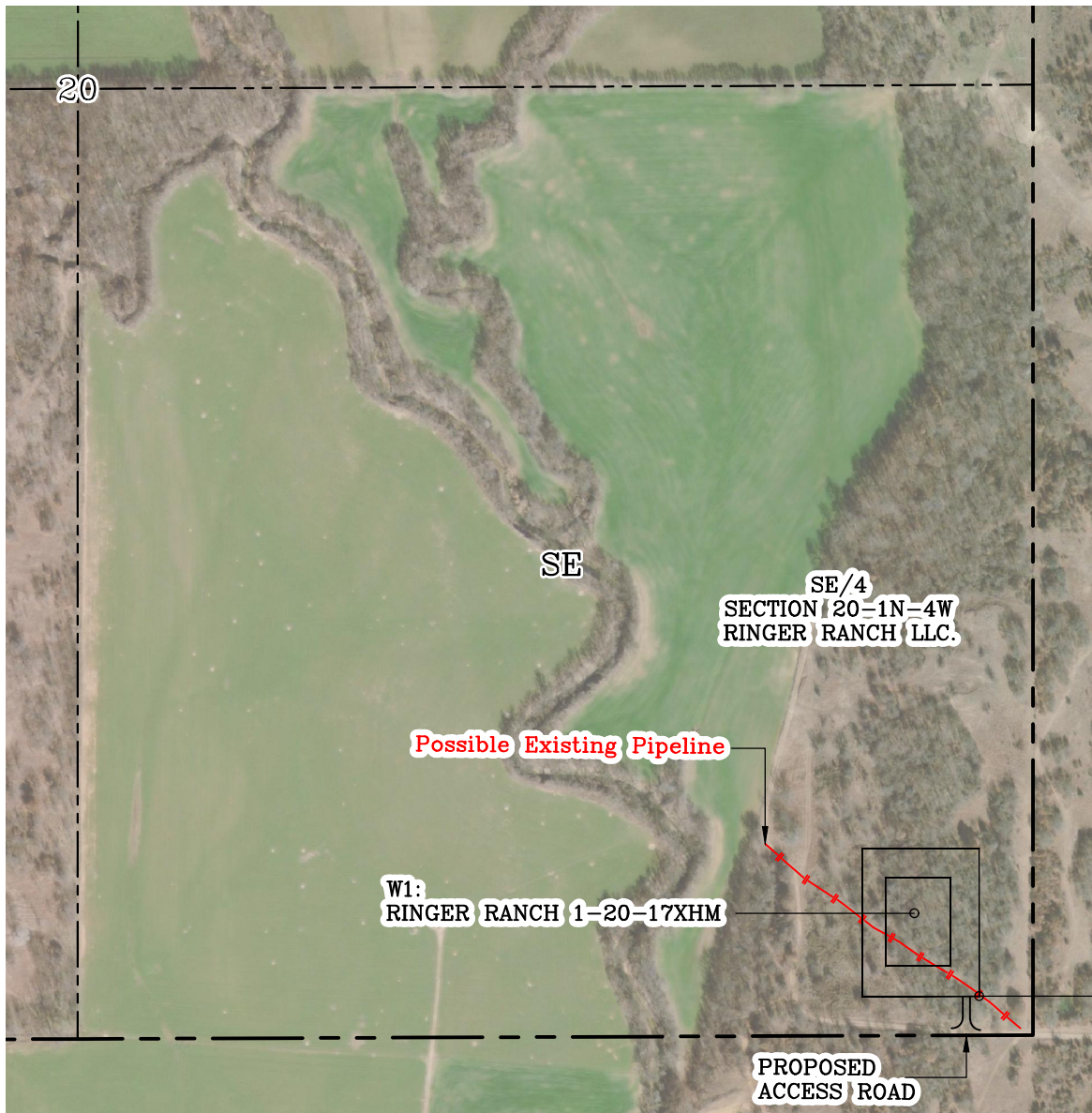
EXHIBIT: F
SHEET: 8.5x11
SHL: 20-1N-4W
BHL-1 17-1N-4W



WELL W1: RINGER RANCH 1-20-17XHM

WELL --: --

PROPOSED ACCESS ROAD = 96' | 5.82 RODS (TOTAL)

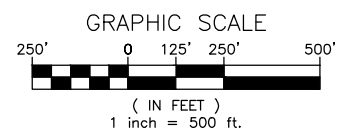


GPS DATUM - OK SOUTH ZONE
US FEET SCALE: 1" = 500'

Section 20 Township 1N Range 4W I.M.

County STEPHENS State OK

Operator CONTINENTAL RESOURCES, INC.



CURRENT REV.: 0

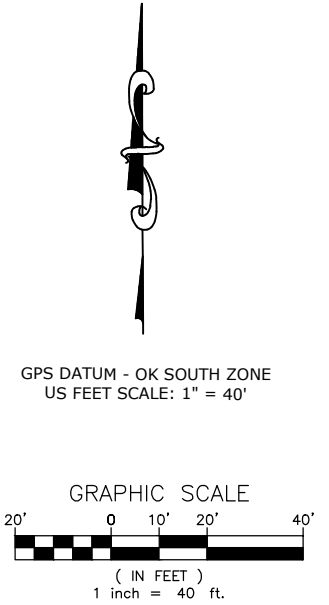
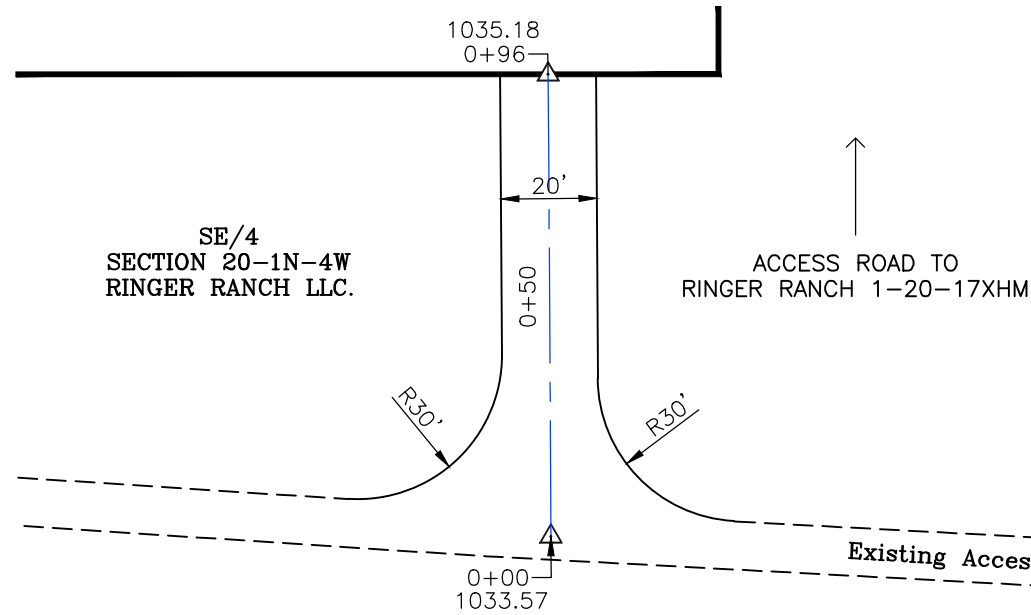


Prepared By:
Petro Land Services South
10400 Vineyard Blvd.
Suite C
Oklahoma City, OK 73120

AERIAL PLAT

DRAWN BY:	HDG	SCALE:	1" = 500'
CHECKED BY:	MJL	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	AERIAL-1
DATE ISSUED:	3-27-19	SHEET:	1 OF 4

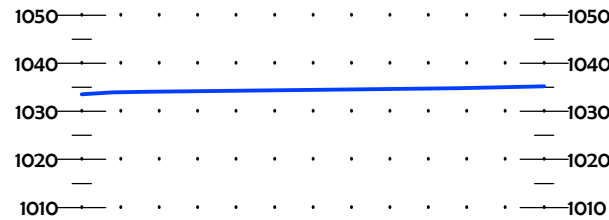
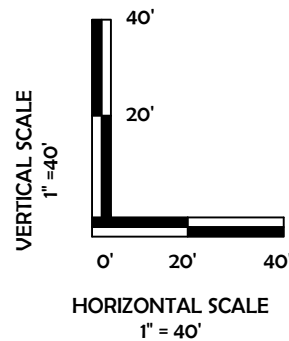
EXHIBIT: G
 SHEET: 8.5x11
 SHL: 20-1N-4W
 BHL-1 17-1N-4W



- * 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 W1: RINGER RANCH 1-20-17XHM
 Well --: --

PROPOSED ACCESS ROAD = 96' | 5.82 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

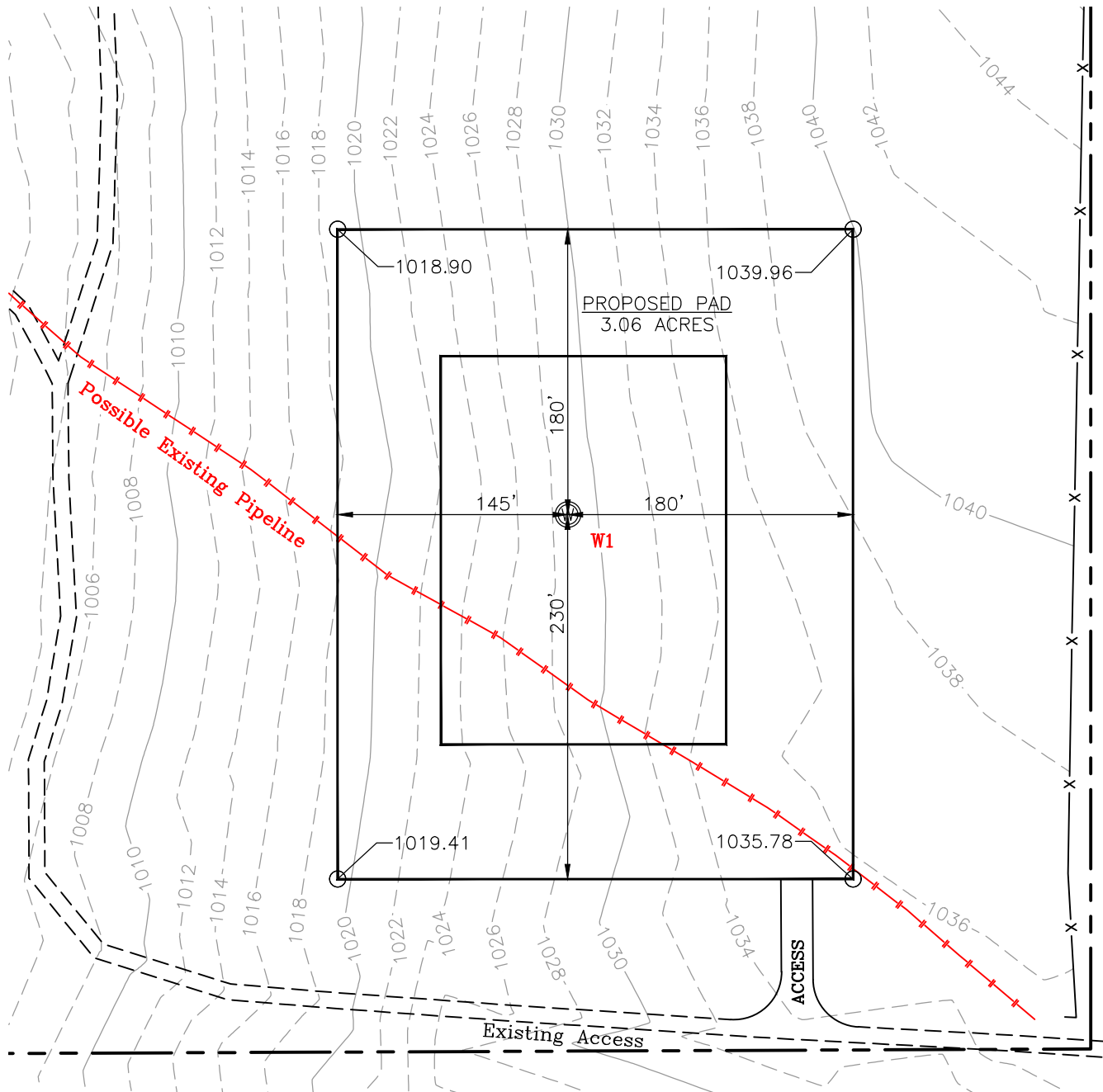
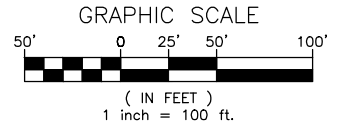
DRAWN BY:	HDG	SCALE:	AS NOTED
CHECKED BY:	MJL	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	P&P
DATE ISSUED:	3-27-19	SHEET:	2 OF 4

EXHIBIT: H
SHEET: 8.5x11
SHL: 20-1N-4W
BHL-1 17-1N-4W



WELL W1: RINGER RANCH 1-20-17XHM

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:	HDG	SCALE:	1" = 100'
CHECKED BY:	MJL	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	EX-GR.
DATE ISSUED:	3-27-19	SHEET:	3 OF 4



Continental
RESOURCES