

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

API NUMBER: 039 22538

Approval Date: 04/27/2018

Expiration Date: 10/27/2018

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 14N Rge: 14W

County: CUSTER

SPOT LOCATION:

SW

SE

SW

SE

FEET FROM QUARTER: FROM

SOUTH

FROM

EAST

SECTION LINES:

219

1870

Lease Name: WILD GOOSE

Well No: 1-29-20XHW

Well will be 219 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

KENNETH RUDDELL ETUX LIVING TRUST
608 SOUTH TEXAS AVE
MIDWEST CITY OK 73130

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

Name	Depth	Name	Depth
1 WOODFORD	15743	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201801670
201801671
201801674
201801675

Special Orders:

Total Depth: 25858

Ground Elevation: 1673

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 410

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? Y

Wellhead Protection Area? Y

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: 18-34199

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? Y

Wellhead Protection Area? Y

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 20 Twp 14N Rge 14W County CUSTER

Spot Location of End Point: NW NE NW NE

Feet From: NORTH 1/4 Section Line: 30

Feet From: EAST 1/4 Section Line: 1870

Depth of Deviation: 15023

Radius of Turn: 477

Direction: 360

Total Length: 10086

Measured Total Depth: 25858

True Vertical Depth: 15800

End Point Location from Lease,
Unit, or Property Line: 30

Notes:

Category

Description

HYDRAULIC FRACTURING

4/23/2018 - 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

4/23/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201801674

4/27/2018 - G58 - (I.O.) 20 & 29-14N-14W
EST MULTIUNIT HORIZONTAL WELL
XOTHER
X676464 WDFD (29-14N-14W)
X676463 WDFD (20-14N-14W)
50% 29-14N-14W
50% 20-14N-14W
NO OP. NAMED
REC 3/26/2018 (NORRIS)

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.

039 22538 WILD GOOSE 1-29-20XHW

Category	Description
PENDING CD - 201801675	4/27/2018 - G58 - (I.O.) 20 & 29-14N-14W XOTHER X676464 WDFD (29-14N-14W) X676463 WDFD (20-14N-14W) COMPL. INT. (29-14N-14W) NCT 150' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (20-14N-14W) NCT 0' FSL, NCT 150' FNL, NCT 330' FEL NO OP. NAMED REC 3/26/2018 (NORRIS)
SPACING - 676463	4/27/2018 - G58 - (640) 20-14N-14W EXT 587607 WDFD
SPACING - 676464	4/27/2018 - G58 - (640) 29-14N-14W EXT 587607 WDFD
SURFACE CASING	4/23/2018 - G71 - MIN. 500' PER ORDER 42589

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.

EXHIBIT: A (1 of 2)
SHEET: 8.5x11
SHL: 29-14N-14W
BHL-1 20-14N-14W



039-22538

COVER SHEET

CONTINENTAL RESOURCES, INC.

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

Section 29 Township 14N Range 14W I.M.

Well: WILD GOOSE 1-29-20XHM

County CUSTER State OK

Well: --

Operator CONTINENTAL RESOURCES, INC.

NAD-83

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W1	WILD GOOSE 1-29-20XHM	238697	1757690	35° 39' 13.00" -98° 42' 34.47"	35.653612 -98.709575	219' FSL / 1870' FEL (SE/4 SEC 29)	1683.99'	1672.96
LP-1	LANDING POINT	238942	1757692	35° 39' 15.43" -98° 42' 34.47"	35.654285 -98.709575	464' FSL / 1870' FEL (SE/4 SEC 29)	--	--
BHL-1	BOTTOM HOLE LOCATION	249028	1757748	35° 40' 55.18" -98° 42' 34.68"	35.681994 -98.709635	30' FNL / 1870' FEL (NE/4 SEC 20)	--	--
X-1	LARRY	242441	1758284	35° 39' 50.07" -98° 42' 27.61"	35.663908 -98.707668	1320' FSL / 1,320' FWL (NE/4 SEC 29)	--	--
X-2	ROOF	245085	1758286	35° 40' 16.22" -98° 42' 27.82"	35.671172 -98.707727	1320' FNL / 1,320' FEL (SE/4 SEC 20)	--	--
X-3	YODER	247732	1758308	35° 40' 42.40" -98° 42' 27.78"	35.678444 -98.707717	1320' FSL / 1,320' FEL (NE/4 SEC 20)	--	--
X-4	WOORI	244058	1756637	35° 40' 05.94" -98° 42' 47.71"	35.668317 -98.713253	283' FSL / 333' FEL (SW/4 SEC 20)	--	--
X-5	HAMAR	245954	1759350	35° 40' 24.89" -98° 42' 14.99"	35.673582 -98.704165	450 FNL / 2371' FEL (SE/4 SEC 20)	--	--

NAD-27

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W1	WILD GOOSE 1-29-20XHM	238672	1789291	35° 39' 12.82" -98° 42' 33.19"	35.653562 -98.709218	219' FSL / 1870' FEL (SE/4 SEC 29)	1683.99'	1672.96
LP-1	LANDING POINT	238917	1789293	35° 39' 15.25" -98° 42' 33.18"	35.654235 -98.709218	464' FSL / 1870' FEL (SE/4 SEC 29)	--	--
BHL-1	BOTTOM HOLE LOCATION	249003	1789349	35° 40' 55.00" -98° 42' 33.40"	35.681945 -98.709277	30' FNL / 1870' FEL (NE/4 SEC 20)	--	--
X-1	LARRY	242415	1789885	35° 39' 49.89" -98° 42' 26.32"	35.663858 -98.707311	1320' FSL / 1,320' FWL (NE/4 SEC 29)	--	--
X-2	ROOF	245059	1789887	35° 40' 16.04" -98° 42' 26.53"	35.671122 -98.707370	1320' FNL / 1,320' FEL (SE/4 SEC 20)	--	--
X-3	YODER	247707	1789909	35° 40' 42.22" -98° 42' 26.49"	35.678395 -98.707359	1320' FSL / 1,320' FEL (NE/4 SEC 20)	--	--
X-4	WOORI	244032	1788238	35° 40' 05.76" -98° 42' 46.42"	35.668267 -98.712895	283' FSL / 333' FEL (SW/4 SEC 20)	--	--
X-5	HAMAR	245929	1790951	35° 40' 24.71" -98° 42' 13.71"	35.673532 -98.703807	450 FNL / 2371' FEL (SE/4 SEC 20)	--	--

Certificate of Authorization No. 7318

Date Staked: 03-30-18
Date Drawn: 01-30-18



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

REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	01-30-18	MJL	ISSUED FOR APPROVAL	--
01	01-31-18	MJL	EXTEND ACCESS/ ADD ELEVATIONS	EXHIBITS F, G & I
02	03-09-18	MJL	MOVE LP & BHL	EXHIBITS A1 & A2
03	03-30-18	MJL	MOVE WELL PAD & LP	ALL EXHIBITS EXCEPT D & E

Oklahoma PLS No.1196 DATE

EXHIBIT: B
SHEET: 8.5x11
SHL: 29-14N-14W
BHL-1 20-14N-14W

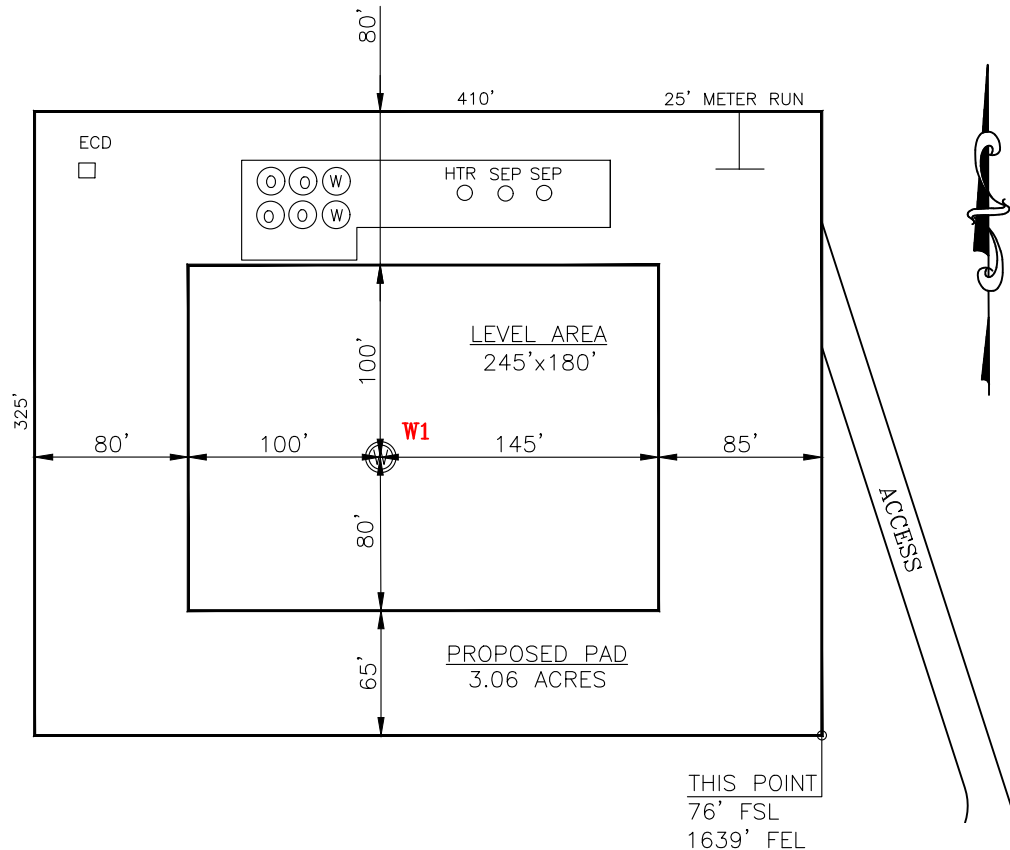
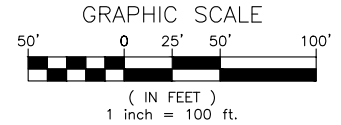
PETRO LAND SERVICES SOUTH, LLC

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



CONTINENTAL
RESOURCES, INC
(OPERATOR)

CUSTER County Oklahoma
219' FSL-1870' FEL Section 29 Township 14N Range 14W I.M.



REV-3: 03-30-18

DATUM: NAD-83
LAT: 35°39'13.00"
LONG: -98°42'34.47"
LAT: 35.653612°
LONG: -98.709575°

STATE PLANE
COORDINATES
(US FEET): OK NORTH

X: 1757690
Y: 238697

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: Take SH-54 north out of Weatherford, OK for 8.5 miles to E-940 Rd. Turn right and head east on E-940 Rd for 0.7 miles to the proposed access road on the north side of E-940 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 W1: WILD GOOSE 1-29-20XHM
Well W2: --

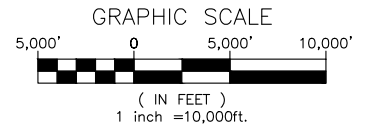
(This Information Was Gathered
With a GPS Receiver With ±1
Foot Horiz./Vert. Accuracy)

Certificate of Authorization No. 7318

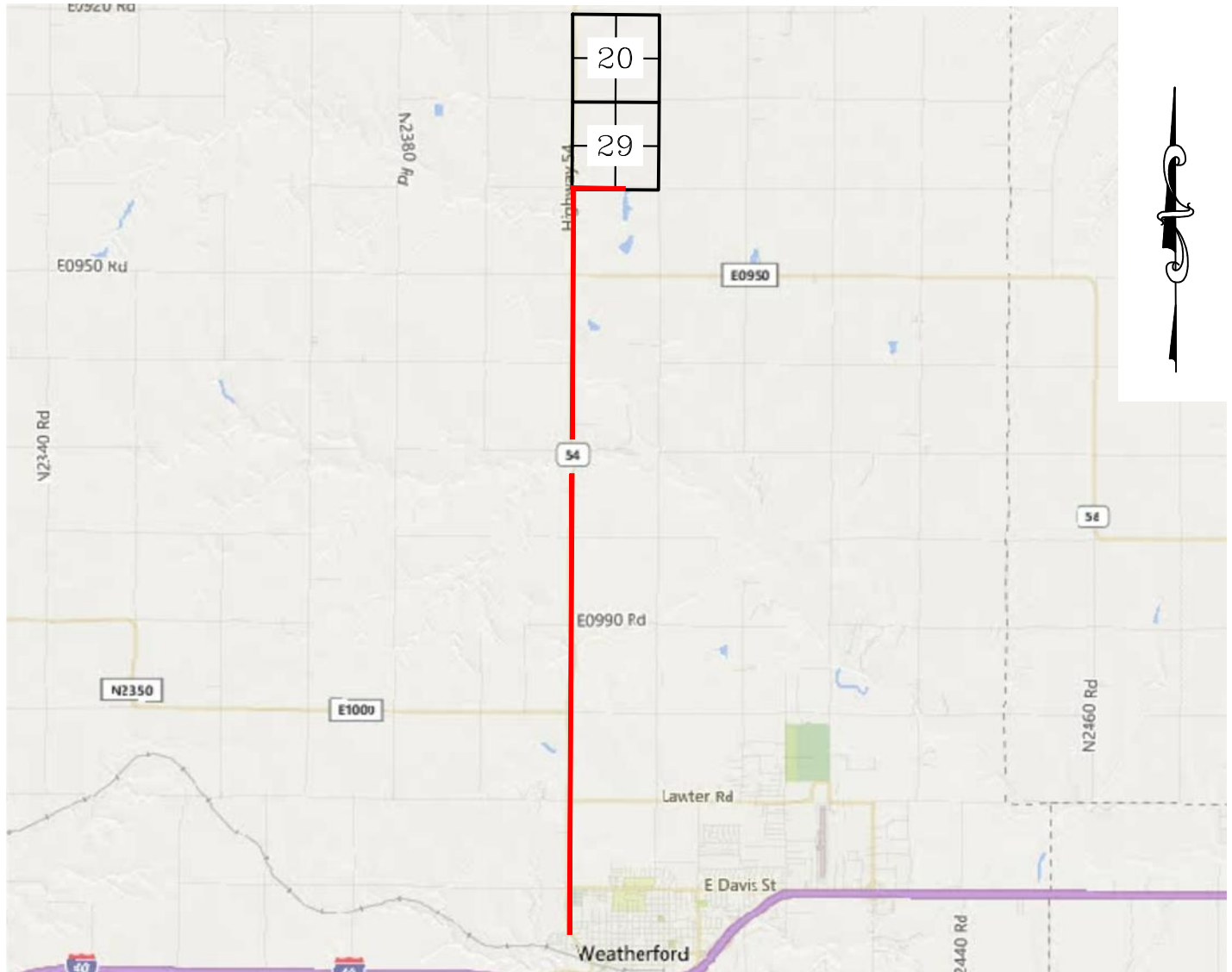


Prepared By:
Petro Land Services South
10400 Vineyard Blvd.
Suite C
Oklahoma City, OK 73120

EXHIBIT: C
SHEET: 8.5x11
SHL: 29-14N-14W
BHL-1 20-14N-14W



VICINITY MAP



TAKE SH-54 NORTH OUT OF WEATHERFORD, OK FOR 8.5 MILES TO E-940 RD. TURN RIGHT AND HEAD EAST ON E-940 RD FOR 0.7 MILES TO THE PROPOSED ACCESS ROAD ON THE NORTH SIDE OF E-0940 ROAD

CONTINENTAL RESOURCES, INC.

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

REV-3: 03-30-18

Certificate of Authorization No. 7318

Section 29 Township 14N Range 14W I.M. Well W1: WILD GOOSE 1-29-20XHM

Date Staked: 03-30-18

County CUSTER State OK Well W2: --



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: 29-14N-14W
BHL-1 20-14N-14W



WELL W1: WILD GOOSE 1-29-20XHM
WELL W2: --

FACING NORTH



FACING SOUTH



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

TERRAIN

DRAWN BY:	TJW	SCALE:	N.T.S.
CHECKED BY:	MVA	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	TERRAIN-1
DATE ISSUED:	01-30-18	SHEET:	1 OF 2

EXHIBIT: E
SHEET: 8.5x11
SHL: 29-14N-14W
BHL-1 20-14N-14W



WELL W1: WILD GOOSE 1-29-20XHM
WELL W2: --

FACING EAST



FACING WEST



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

TERRAIN

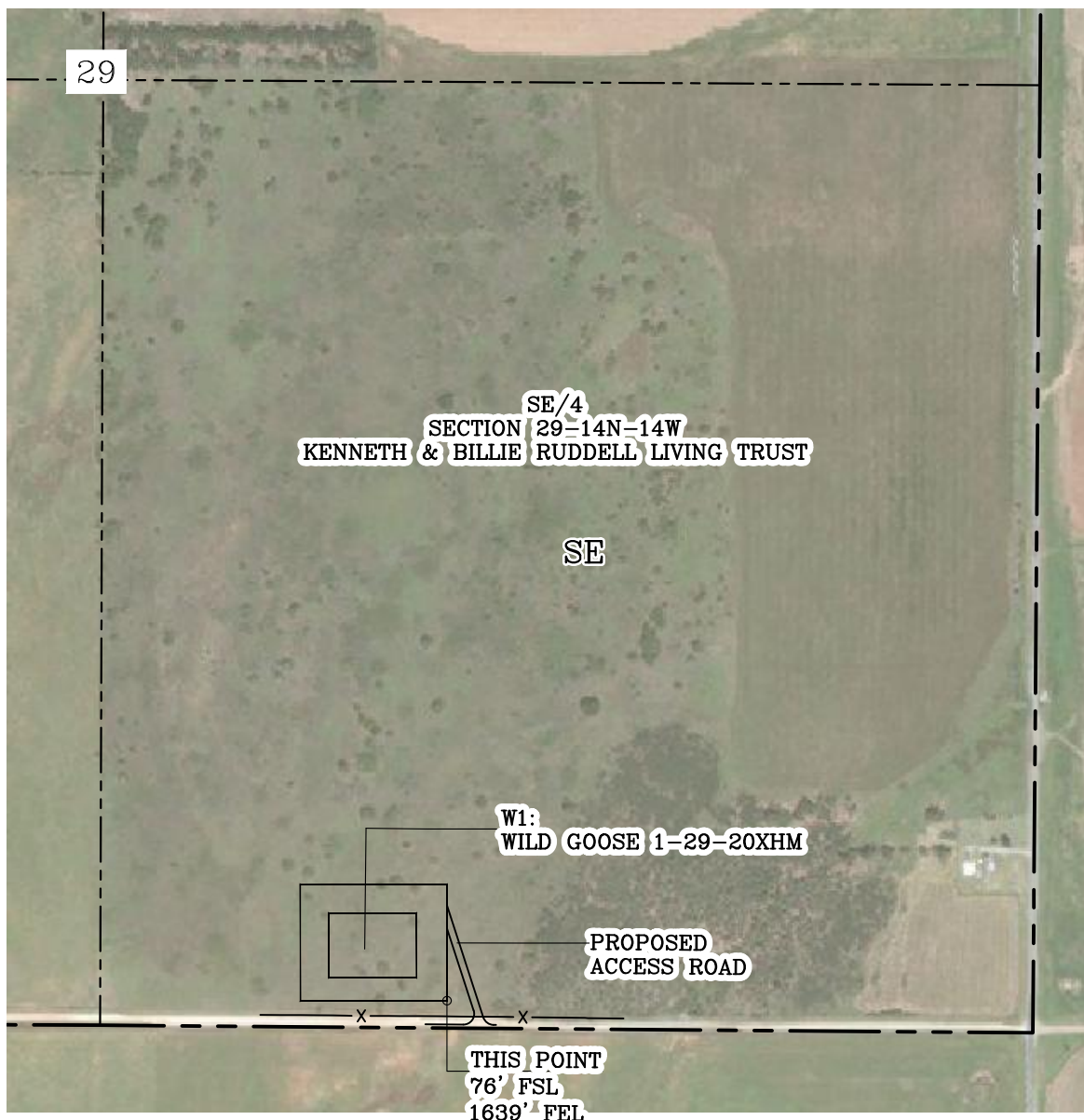
DRAWN BY:	TJW	SCALE:	N.T.S.
CHECKED BY:	MVA	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	TERRAIN-2
DATE ISSUED:	01-30-18	SHEET:	2 OF 2

EXHIBIT: F
SHEET: 8.5x11
SHL: 29-14N-14W
BHL-1 20-14N-14W



WELL W1: WILD GOOSE 1-29-20XHM
WELL W2: --

PROPOSED ACCESS ROAD = 328' | 19.88 RODS (TOTAL)

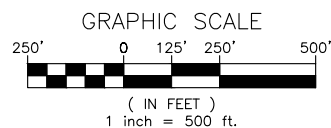


GPS DATUM - OK NORTH ZONE
US FEET SCALE: 1" = 500'

Section 29 Township 14N Range 14W I.M.

County CUSTER State OK

Operator CONTINENTAL RESOURCES, INC.



REV-1: 01-31-18
REV-3: 03-30-18



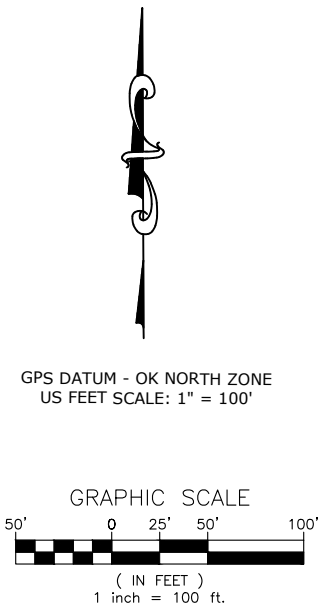
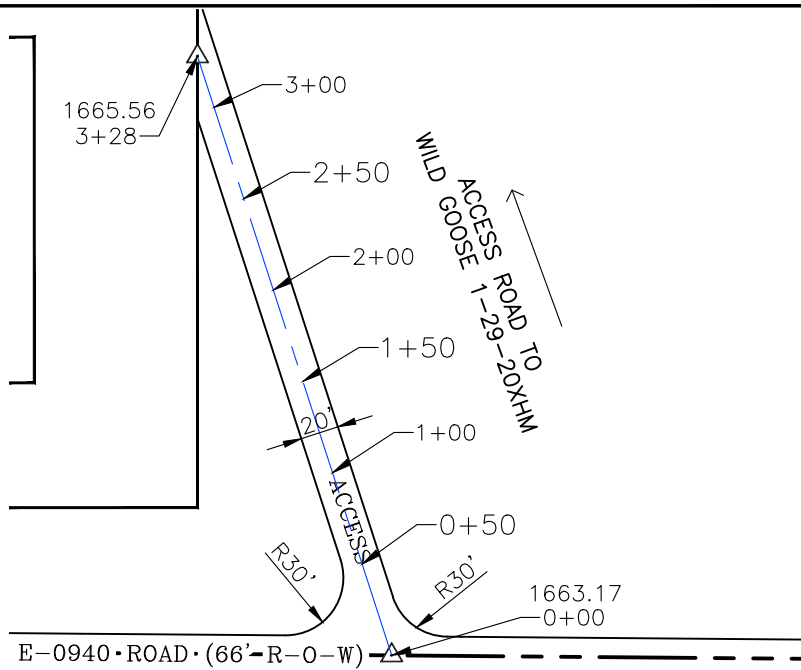
Prepared By:
Petro Land Services South
10400 Vineyard Blvd.
Suite C
Oklahoma City, OK 73120

AERIAL PLAT

DRAWN BY:	TJW	SCALE:	1" = 500'
CHECKED BY:	MVA	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	AERIAL-1
DATE ISSUED:	01-30-18	SHEET:	1 OF 4

EXHIBIT: G
 SHEET: 8.5x11
 SHL: 29-14N-14W
 BHL-1 20-14N-14W

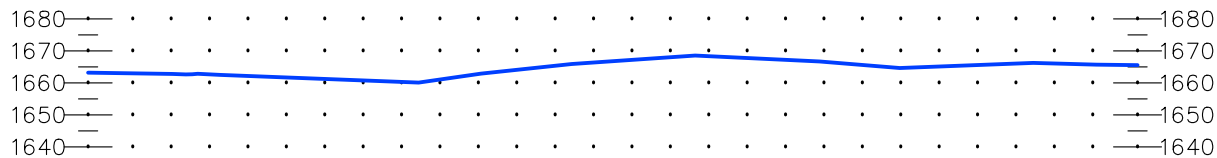
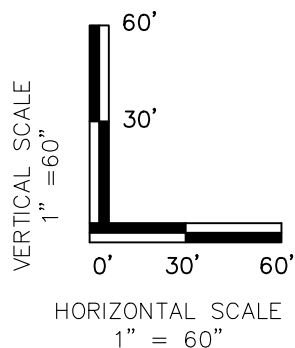
SE/4
 SECTION 29-14N-14W
 KENNETH & BILLIE
 RUDELL LIVING TRUST



- * 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.

WILD GOOSE
 1-29-20XHM
 Well W1: _____
 Well W2: _____

PROPOSED ACCESS ROAD = 328' | 19.88 RODS (TOTAL)



REV-1: 01-31-18
 REV-3: 03-30-18



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

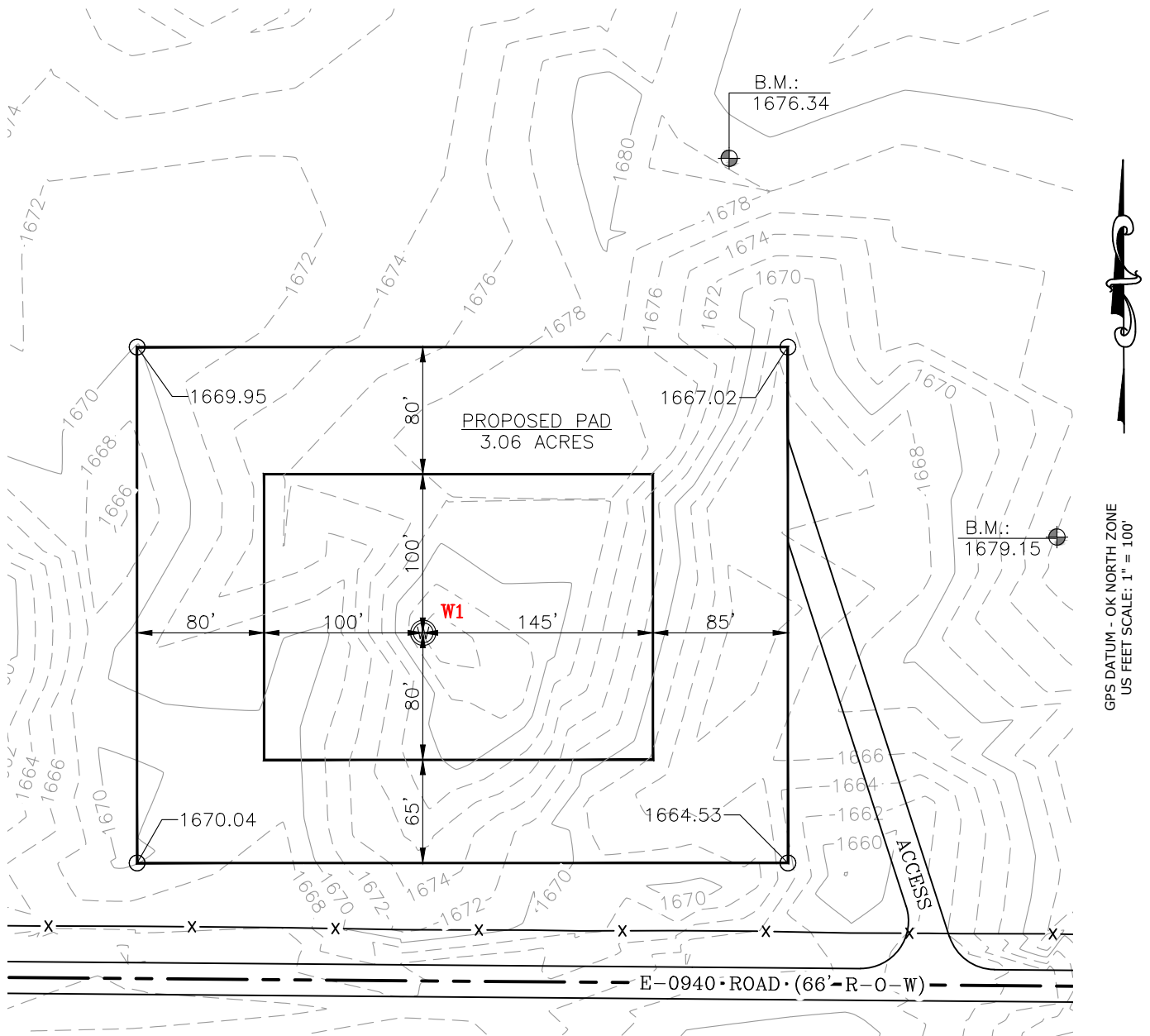
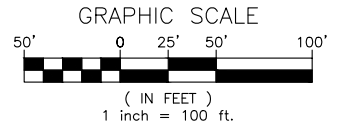
DRAWN BY:	TJW	SCALE:	AS NOTED
CHECKED BY:	MVA	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	P&P
DATE ISSUED:	01-30-18	SHEET:	2 OF 4

EXHIBIT: H
 SHEET: 8.5x11
 SHL: 29-14N-14W
 BHL-1: 20-14N-14W



WELL W1: WILD GOOSE 1-29-20XHM

WELL W2: --



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

REV-3: 03-30-18



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

EXISTING GRADING PLAN

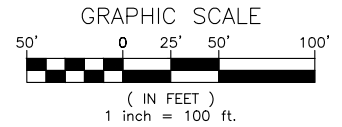
DRAWN BY:	TJW	SCALE:	1" = 100'
CHECKED BY:	MVA	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	EX-GR.
DATE ISSUED:	01-30-18	SHEET:	3 OF 4

EXHIBIT: I
 SHEET: 8.5x11
 SHL: 29-14N-14W
 BHL-1: 20-14N-14W

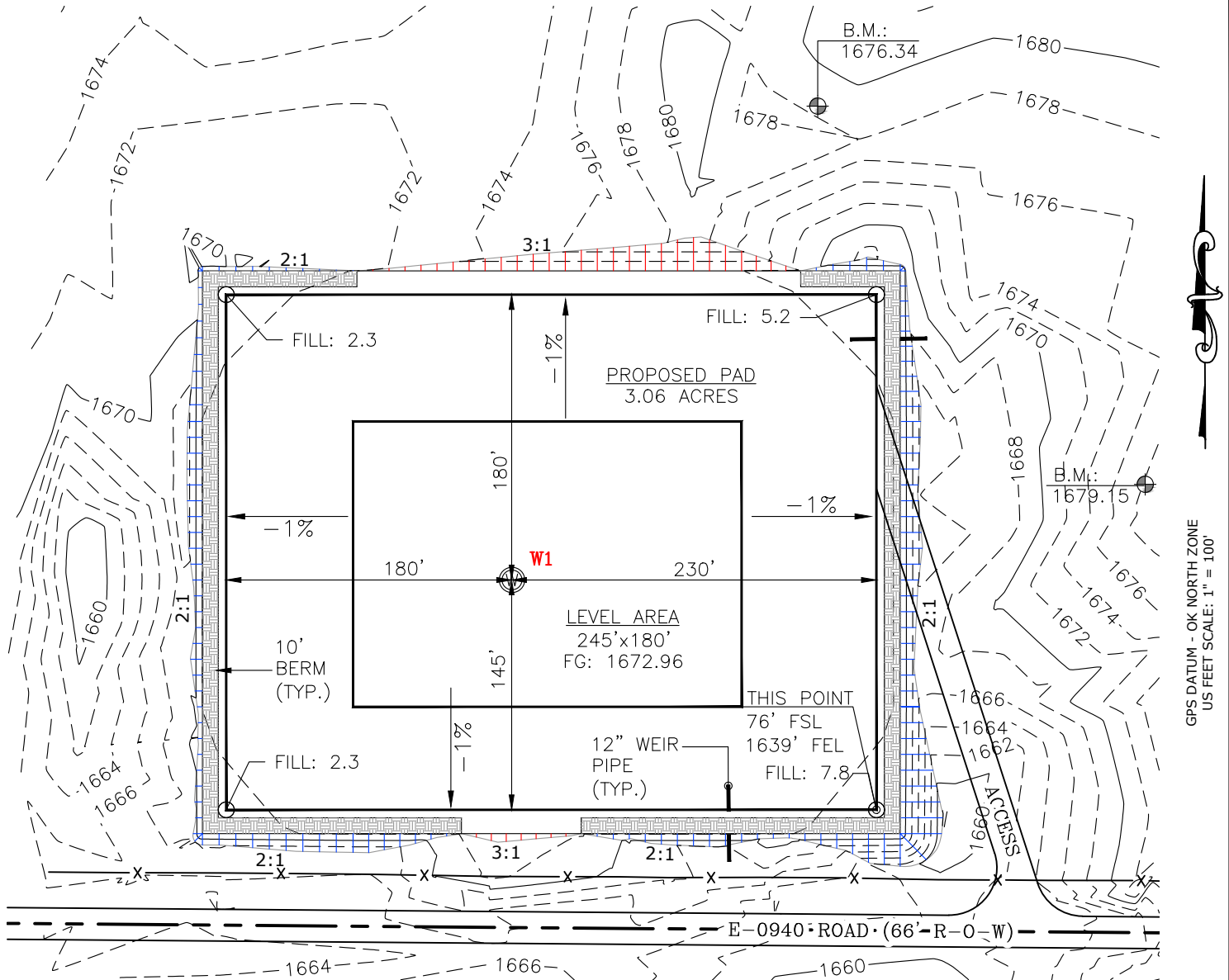


WELL W1: WILD GOOSE 1-29-20XHM

WELL W2: --



TOTAL PROPOSED DISTURBED AREA: 3.90 ACRES



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

CUT VOLUME 14257.23 CU. YD. | 6" OF STRIPPED TOP SOIL: 3146.14 CU. YD.
 FILL VOLUME 14258.90 CU. YD. | BERM LENGTH: 1195' (800.7 CU. YD.)

(CUT/FILL VOLUMES INCLUDE 6" OF STRIPPED TOP SOIL)

REV-1: 01-31-18
 REV-3: 03-30-18



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

PROPOSED GRADING PLAN

DRAWN BY:	TJW	SCALE:	1" = 100'
CHECKED BY:	MVA	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	PRO-GR.
DATE ISSUED:	01-30-18	SHEET:	4 OF 4