

API NUMBER: 049 25358 A

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

Approval Date: 01/14/2022
Expiration Date: 07/14/2023

Multi Unit Oil & Gas

Amend reason: ADD SCMR AND HNTN TO TARGET FORMATIONS; UPDATE OCC ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 31 Township: 1N Range: 1W County: GARVIN

SPOT LOCATION: ☐ NW ☐ NE ☐ NW ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 240 885

Lease Name: LOWLANDS Well No: 1-31-32XHW Well will be 240 feet from nearest unit or lease boundary.

Operator Name: CONTINENTAL RESOURCES INC Telephone: 4052349797; 4052349000; OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC
PO BOX 268870
OKLAHOMA CITY, OK 73126-8870

ELEAZAR & KATIE ROMO
PO BOX 388
DAVIS OK 73030

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

	Name	Code	Depth
1	SYCAMORE	352SCMR	13288
2	WOODFORD	319WDFD	13800
3	HUNTON	269HNTN	13867

Spacing Orders: 161935
715985

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202001882

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 23961 Ground Elevation: 932

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 340

Deep surface casing has been approved

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 21-37770
H. (Other) SEE MEMO

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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: WELLINGTON

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: WELLINGTON

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 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.

MULTI UNIT HOLE 1

Section: 32	Township: 1N	Range: 1W	Meridian: IM	Total Length: 9755
County: GARVIN				Measured Total Depth: 23961
Spot Location of End Point: C	NE	NE	NE	True Vertical Depth: 15000
Feet From: NORTH	1/4 Section Line: 330			End Point Location from
Feet From: EAST	1/4 Section Line: 330			Lease, Unit, or Property Line: 330

NOTES:

Category	Description
DEEP SURFACE CASING	[12/16/2021 - GC2] - 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	<p>[12/16/2021 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCWEB.COM/OG/OGFORMS.HTML; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG</p>
MEMO	[12/16/2021 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202001882	<p>[1/14/2022 - GB6] - (E.O.) 31 & 32 -1N-1W</p> <p>X161935 SCMR, WDFD, HNTN</p> <p>COMPL. INT. (31-1N-1W) NCT 330' FNL, NCT 150' FWL, NCT 0' FEL</p> <p>COMPL. INT. (32-1N-1W) NCT 330' FNL, NCT 0' FWL, NCT 150' FEL</p> <p>NO OPER. NAMED</p> <p>REC. 01/14/2022 (P. PORTER)</p>
SPACING - 161935	<p>[1/3/2022 - GB6] - (640/320/40) 31, 32 -1N-1W</p> <p>(40)(SE4 32-1N-1W) EST OTHERS</p> <p>(320)(E2 32-1N-1W) EST OTHER</p> <p>(640) 31, 32 -1N-1W EST SCMR, WDFD, HNTN, OTHERS</p>
SPACING - 715985 (202001883)	<p>[1/3/2022 - GB6] - (I.O.) 31 & 32 -1N-1W</p> <p>EST MULTIUNIT HORIZONTAL WELL</p> <p>X161935 SCMR, WDFD, HNTN</p> <p>(SCMR, HNTN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD)</p> <p>50% 31-1N-1W</p> <p>50% 32-1N-1W</p> <p>CONTINENTAL RESOURCES, INC.</p> <p>12/17/2020</p>

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 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: 31-1N-1W
BHL-1: 32-1N-1W



WELL PAD ID:
F336A97A-5395-E978-3150-31856E0D79E1
SH-1-ID: Q4TJR0014A

COVER SHEET

CONTINENTAL RESOURCES, INC.

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

Section 31 Township 1N Range 1W I.M.

SH-1: LOWLANDS 1-31-32XHW

County GARVIN State OK

Operator CONTINENTAL RESOURCES, INC.

NAD-83

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
SH-1	LOWLANDS 1-31-32XHW	432747	2164403	34° 31' 14.60" -97° 20' 58.66"	34.520723 -97.349627	240' FNL / 885' FWL (NW/4 NE/4 NW/4 SEC 31)	932.40'	932.29'
LP-1	LANDING POINT	432657	2164403	34° 31' 13.71" -97° 20' 58.66"	34.520476 -97.349627	330' FNL / 885' FWL (NW/4 SEC 31)	--	--
BHL-1	BOTTOM HOLE LOCATION	432710	2173764	34° 31' 13.63" -97° 19' 06.78"	34.520452 -97.318551	330' FNL / 330' FEL (NE/4 SEC 32)	--	--
X-1	MORTON CAROL A #1-31	431349	2167156	34° 31' 00.61" -97° 20' 25.86"	34.516835 -97.340515	31-1N-1W: TD: 16610' 1653' FNL / 1655' FEL	--	--
X-2	PETTY #1	430042	2169812	34° 30' 47.50" -97° 19' 54.23"	34.513194 -97.331730	32-1N-1W: TD: 3280' 2310' FSL / 990' FWL	--	--
X-3	MORROW #1	429400	2172793	34° 30' 40.96" -97° 19' 18.66"	34.511377 -97.321849	32-1N-1W: TD: 3280' 1650' FSL / 1329' FEL	--	--

NAD-27

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
SH-1	LOWLANDS 1-31-32XHW	432704	2195998	34° 31' 14.30" -97° 20' 57.57"	34.520639 -97.349326	240' FNL / 885' FWL (NW/4 NE/4 NW/4 SEC 31)	932.40'	932.29'
LP-1	LANDING POINT	432614	2195999	34° 31' 13.41" -97° 20' 57.57"	34.520392 -97.349326	330' FNL / 885' FWL (NW/4 SEC 31)	--	--
BHL-1	BOTTOM HOLE LOCATION	432667	2205359	34° 31' 13.32" -97° 19' 05.70"	34.520367 -97.318251	330' FNL / 330' FEL (NE/4 SEC 32)	--	--
X-1	MORTON CAROL A #1-31	431307	2198752	34° 31' 00.30" -97° 20' 24.77"	34.516750 -97.340215	31-1N-1W: TD: 16610' 1653' FNL / 1655' FEL	--	--
X-2	PETTY #1	429999	2201407	34° 30' 47.19" -97° 19' 53.14"	34.513109 -97.331429	32-1N-1W: TD: 3280' 2310' FSL / 990' FWL	--	--
X-3	MORROW #1	429358	2204388	34° 30' 40.65" -97° 19' 17.57"	34.511292 -97.321548	32-1N-1W: TD: 3280' 1650' FSL / 1329' FEL	--	--

REVISIONS

No.	DATE	STAKED	BY	DESCRIPTION	COMMENTS
00	11-19-21	11-23-21	HDG	ISSUED FOR APPROVAL	--

Certificate of Authorization No. 7318



Prepared By:
PSLS
14612 Hertz Quail Springs
Pkwy.
Oklahoma City, OK 73134

EXHIBIT: A (2 of 2)
SHEET: 8.5x14
SHL: 31-1N-1W
BHL-1: 32-1N-1W

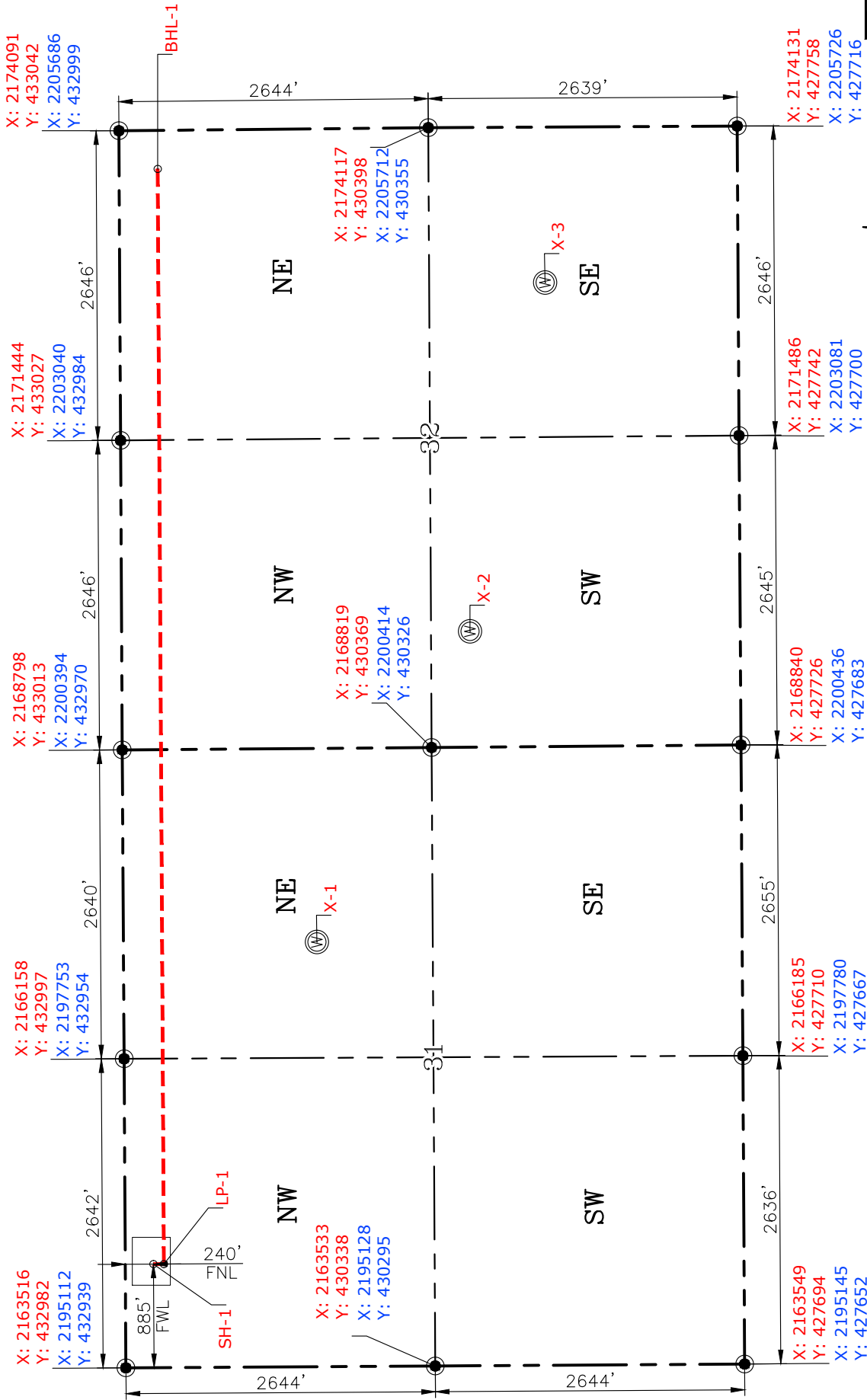
PETRO LAND SERVICES SOUTH, LLC
14612 HERTZ QUAIL SPRINGS PKWY, OKLA. CITY, OKLA. 73134 * OFFICE (405) 212-3108
Certificate of Authorization No. 7318



CONTINENTAL
RESOURCES, INC
(OPERATOR)

GARVIN County Oklahoma
240' FNL-885' FWL Section 31 Township 1N Range 1W I.M.

WELL: LOWLANDS
1-31-32XHW



GPS DATUM
NAD-83
NAD-27
OK SOUTH ZONE
US FEET
SCALE:
1" = 1250'

CURRENT REV.: 0
Date Drawn: 11-19-21

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, FRED A. SELENSKY, an Oklahoma Licensed Land Surveyor and an authorized agent of Petro Land Services South, LLC, do hereby certify to the information shown herein.



Fred A. Selensky 11-19-21
Oklahoma PLS No.1860 DATE

EXHIBIT: B
SHEET: 8.5x11
SHL: 31-1N-1W
BHL-1: 32-1N-1W

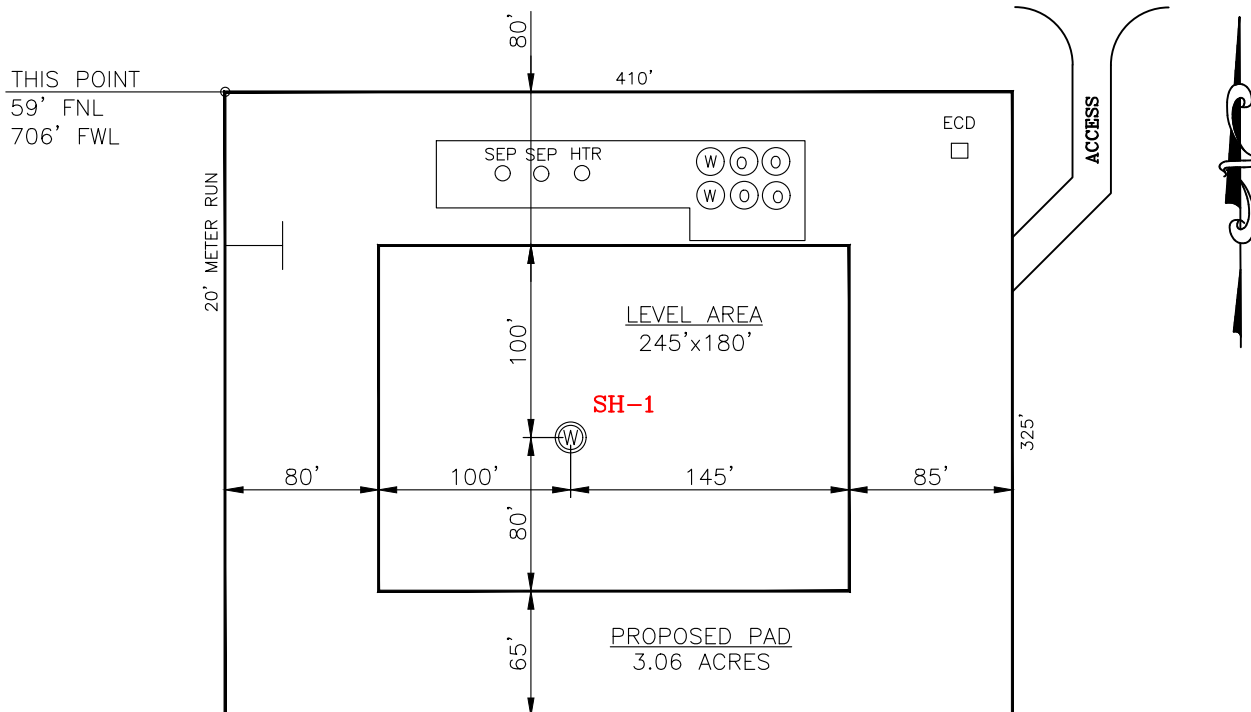
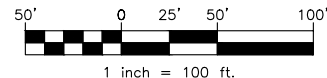
PETRO LAND SERVICES SOUTH, LLC

14612 HERTZ QUAIL SPRINGS PKWY, OKLA. CITY, OKLA. 73134 * OFFICE (405) 212-3108
Certificate of Authorization No. 7318



CONTINENTAL
RESOURCES, INC
(OPERATOR)

GARVIN County Oklahoma
240' FNL-885' FWL Section 31 Township 1N Range 1W I.M.



CURRENT REV.: 0

SH-1: LOWLANDS 1-31-32XHW

DATUM: NAD-83
NORTHING: 432747
EASTING: 2164403
LAT: N34°31'14.60"
LONG: W97°20'58.66"
LAT: 34.520723°
LONG: -97.349627°

STATE PLANE
COORDINATES
(US FEET): SOUTH

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

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 North Line

Distance & Direction From Hwy. or Town: Leaving Hennepin, head north on Katie Road for 0.87 miles & turn right on E-1720 Rd. Head east for 0.22 miles to the proposed access road.

THE INFORMATION SHOWN HEREIN IS FOR
CONSTRUCTION PURPOSES ONLY

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

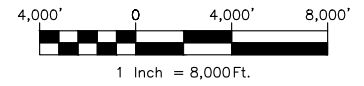
Well SH-1: LOWLANDS 1-31-32XHW

Certificate of Authorization No. 7318

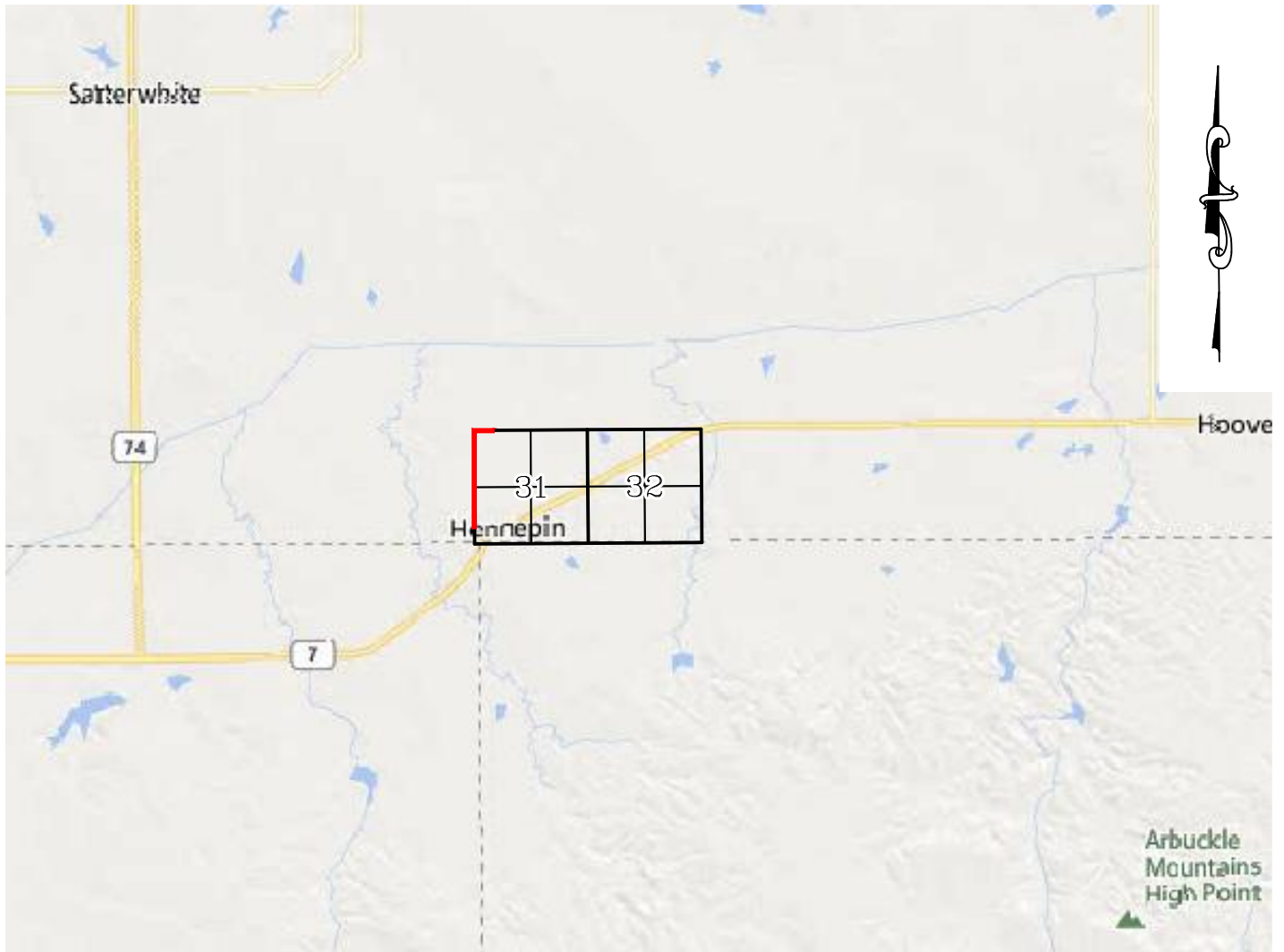
Prepared By:

PSLS
14612 Hertz Quail Springs
Pkwy.
Oklahoma City, OK 73134

EXHIBIT: C
SHEET: 8.5x11
SHL: 31-1N-1W
BHL-1: 32-1N-1W



VICINITY MAP



LEAVING HENNEPIN, HEAD NORTH ON KATIE ROAD FOR 0.87 MILES & TURN RIGHT ON E-1720 RD. HEAD EAST FOR 0.22 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



Prepared By:
Petro Land Services South
14612 Hertz Quail Springs Pkwy.
Oklahoma City, OK 73134

Section 31 Township 1N Range 1W I.M. Well SH-1: LOWLANDS 1-31-32XHW
County GARVIN State OK
Operator CONTINENTAL RESOURCES, INC.

EXHIBIT: D
SHEET: 8.5x11
SHL: 31-1N-1W
BHL-1: 32-1N-1W

Well SH-1: LOWLANDS 1-31-32XHW



FACING NORTH



FACING SOUTH



CURRENT REV.: 0

Prepared By:  PSLS 14612 Hertz Quail Springs Pkwy. Oklahoma City, OK 73134	TERRAIN	DRAWN BY:	HDG	SCALE:	N.T.S.
		CHECKED BY:	MJL	JOB No.:	--
		APPROVED BY:	--	DWG. NO.:	TERRAIN-1
		DATE ISSUED:	11-19-21	SHEET:	1 OF 2

EXHIBIT: E
SHEET: 8.5x11
SHL: 31-1N-1W
BHL-1: 32-1N-1W

Well SH-1: LOWLANDS 1-31-32XHW



FACING EAST



FACING WEST



CURRENT REV.: 0

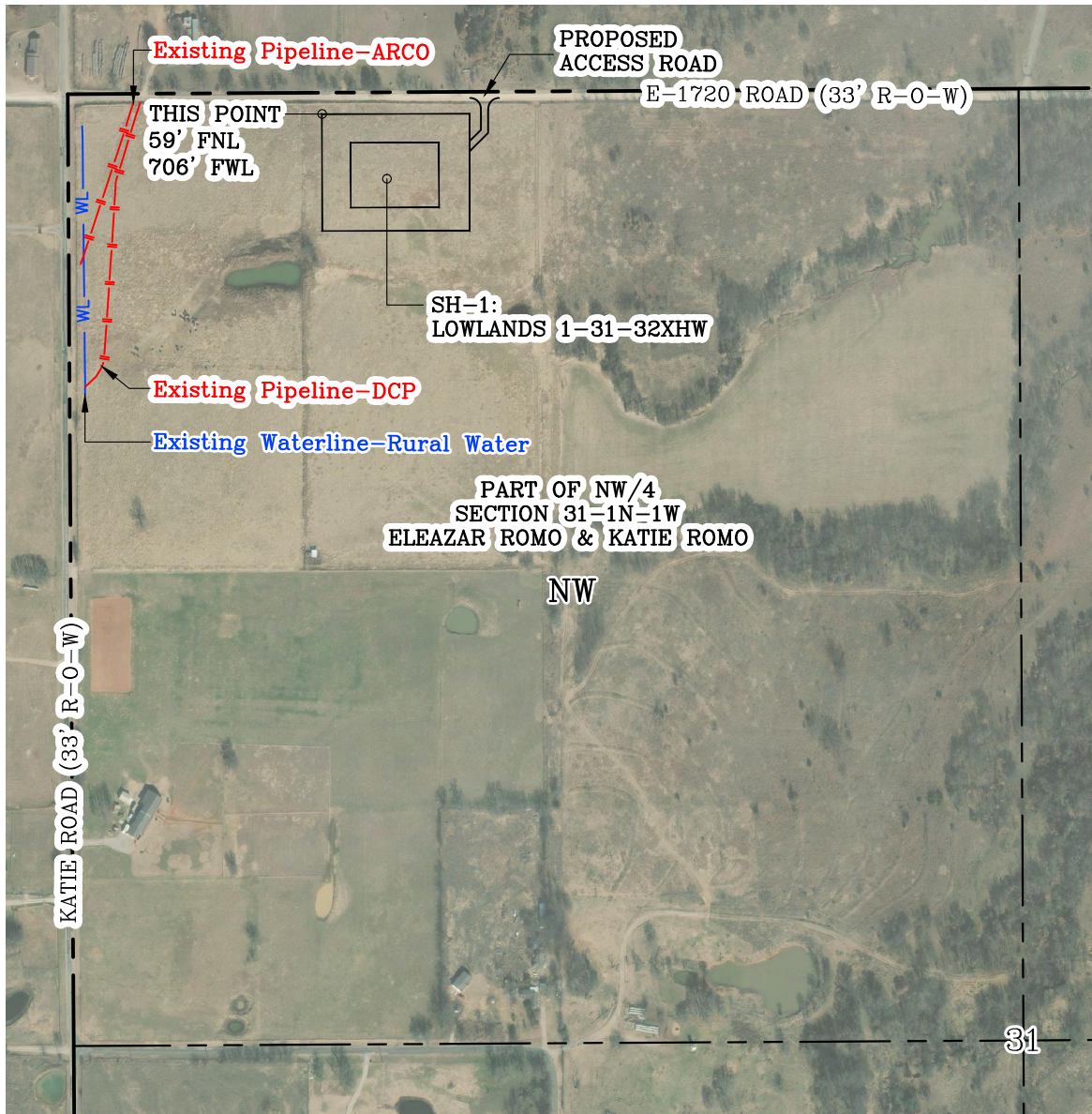
Prepared By:  PSLS 14612 Hertz Quail Springs Pkwy. Oklahoma City, OK 73134	TERRAIN	DRAWN BY:	HDG	SCALE:	N.T.S.
		CHECKED BY:	MJL	JOB No.:	--
		APPROVED BY:	--	DWG. NO.:	TERRAIN-2
		DATE ISSUED:	11-19-21	SHEET:	2 OF 2

EXHIBIT: F
SHEET: 8.5x11
SHL: 31-1N-1W
BHL-1: 32-1N-1W

Well SH-1: LOWLANDS 1-31-32XHW

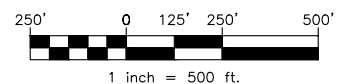


PROPOSED ACCESS ROAD = 159' | 9.64 RODS (TOTAL)



GPS DATUM - NAD83, OK SOUTH ZONE
US FEET SCALE: 1" = 500'

Section 31 Township 1N Range 1W I.M.
County GARVIN State OK
Operator CONTINENTAL RESOURCES, INC.

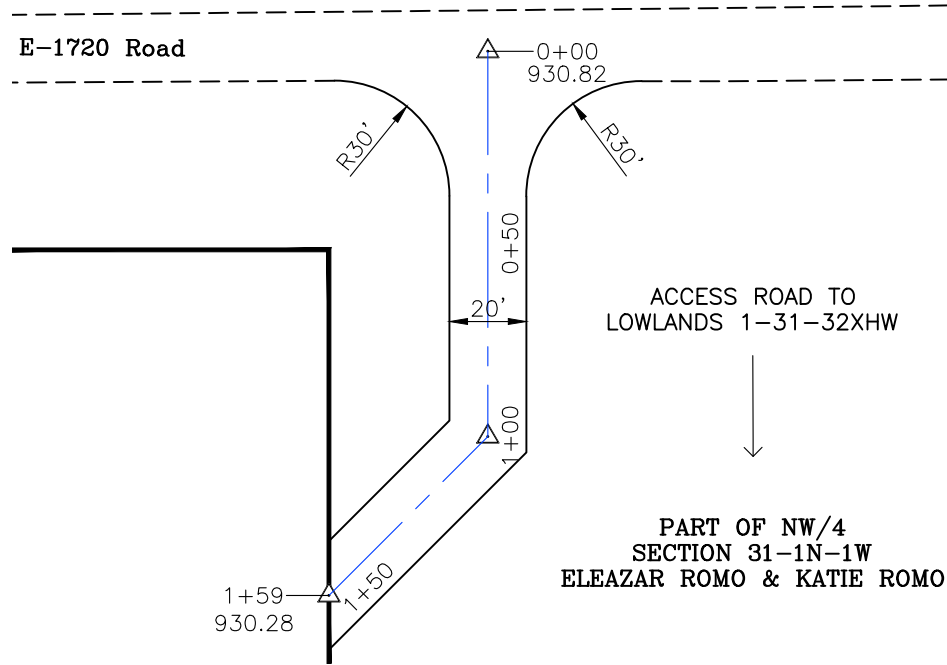


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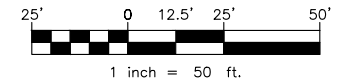
Prepared By:  PSLS 14612 Hertz Quail Springs Pkwy. Oklahoma City, OK 73134	AERIAL PLAT	DRAWN BY:	HDG	SCALE:	1" = 500'
		CHECKED BY:	MJL	JOB No.:	--
		APPROVED BY:	--	DWG. NO.:	AERIAL-1
		DATE ISSUED:	11-19-21	SHEET:	1 OF 4

EXHIBIT: G
 SHEET: 8.5x11
 SHL: 31-1N-1W
 BHL-1: 32-1N-1W

E-1720 Road



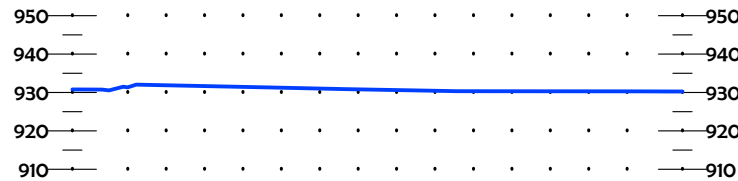
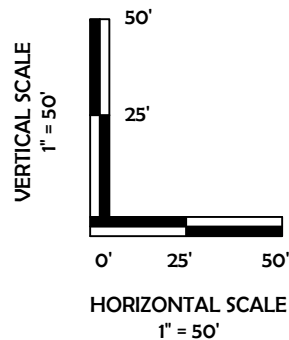
GPS DATUM - NAD83, OK SOUTH ZONE
 US FEET SCALE: 1" = 50'



- * 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 SH-1: LOWLANDS 1-31-32XHW

PROPOSED ACCESS ROAD = 159' | 9.64 RODS (TOTAL)



CURRENT REV.: 0

Prepared By: **PSLS**
 14612 Hertz Quail Springs Pkwy.
 Oklahoma City, OK 73134



Continental
 RESOURCES

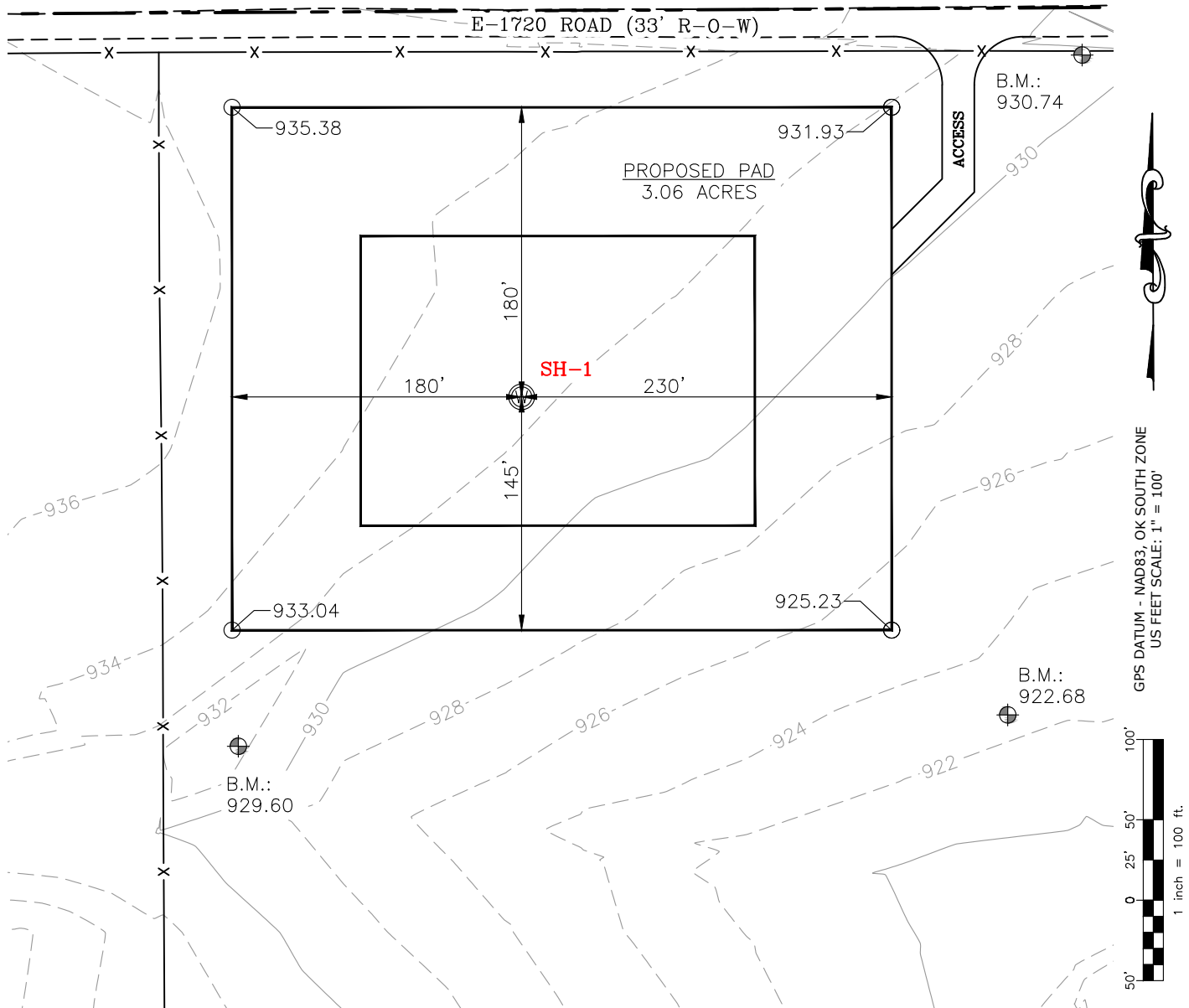
P.O. Box 26900
 Oklahoma City
 Oklahoma, 73126
 (T) 1-800-256-8955
 (F) 405-234-9253

LEASE ROAD PLAN & PROFILE

DRAWN BY:	HDG	SCALE:	AS NOTED
CHECKED BY:	MJL	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	P&P
DATE ISSUED:	11-19-21	SHEET:	2 OF 4

EXHIBIT: H
 SHEET: 8.5x11
 SHL: 31-1N-1W
 BHL-1: 32-1N-1W

Well SH-1: LOWLANDS 1-31-32XHW



CURRENT REV.: 0

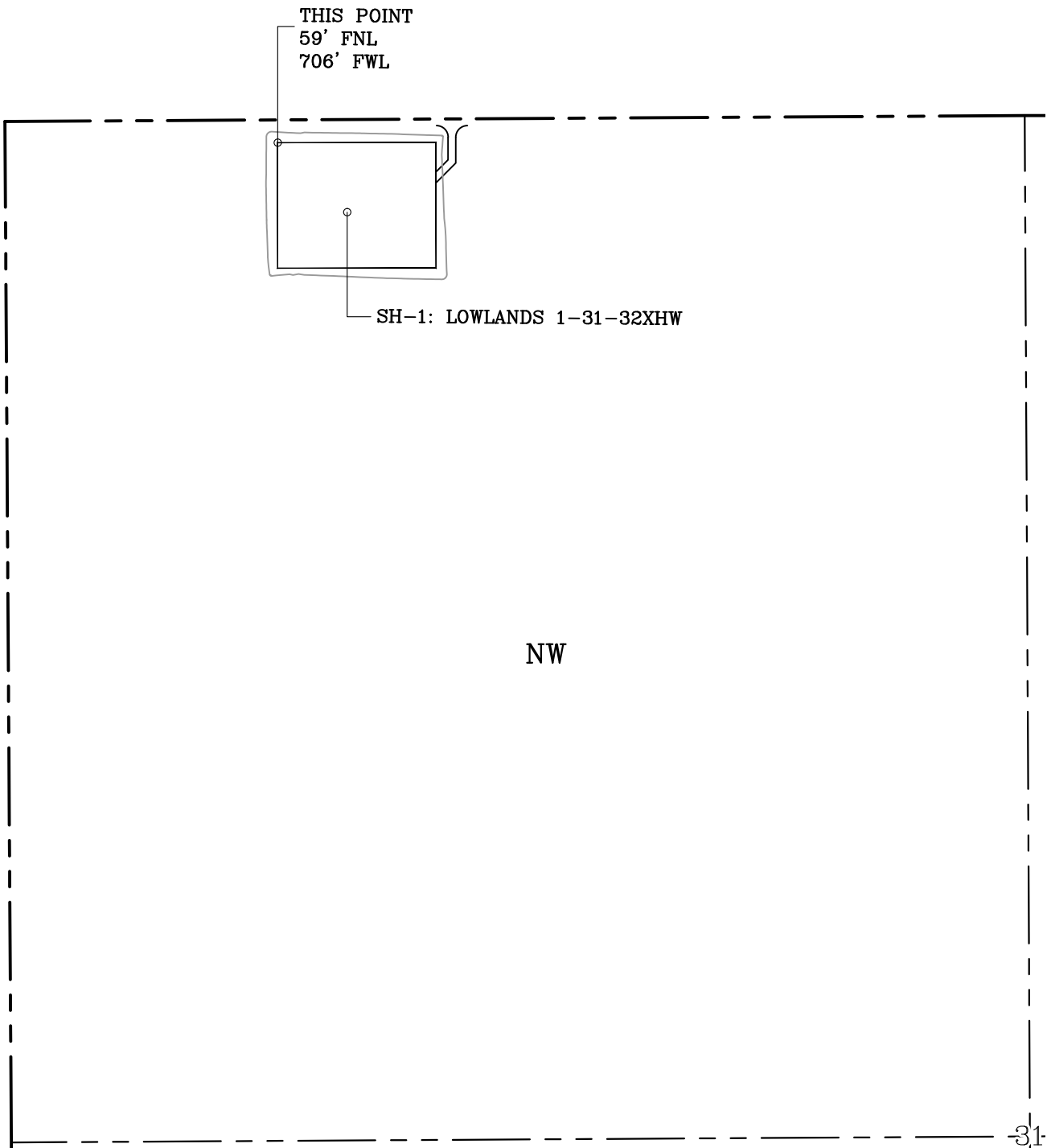
Prepared By: PSLS 14612 Hertz Quail Springs Pkwy. Oklahoma City, OK 73134	EXISTING GRADING PLAN	DRAWN BY:	HDG	SCALE:	1" = 100'
		CHECKED BY:	MJL	JOB No.:	--
		APPROVED BY:	--	DWG. NO.:	EX-GR.
		DATE ISSUED:	11-19-21	SHEET:	3 OF 4

EXHIBIT "A"

TABLE OF QUANTITIES

DISTURBED AREA = 3.92 ACRES
ACCESS ROAD = ±159'

LOCATED ON THE LANDS OF:
ELEAZAR ROMO & KATIE ROMO
PART OF NW/4 SEC 31-1N-1W
GARVIN COUNTY, OKLAHOMA



GENERAL NOTES:

- 1. THIS IS NOT A BOUNDARY SURVEY.
- 2. THIS SURVEY DOES NOT GUARANTEE TITLE OR OWNERSHIP.

LEGEND

PROPOSED WELL PAD

PROPOSED DISTURBED AREA

SECTION LINE

QUARTER SECTION LINE

1 inch = 400 ft.

GPS DATUM -
NAD83, OK SOUTH ZONE
US FEET SCALE: 1" = 400'

PREPARED BY:

PSLS
14612 HERTZ QUAIL SPRINGS PKWY
Oklahoma City, OK 73134

Drawn By:	HDG	Date:	11-19-21
Checked By:	MJL	Scale:	1" = 400'
Sheet Size:	8.5x14	Sheet No.	1 of 1
REV.	Description	Date	
0	ISSUED FOR APPROVAL	11-19-21	