

API NUMBER: 051 24906

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

Approval Date: 01/28/2022
Expiration Date: 07/28/2023

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 16 Township: 6N Range: 6W County: GRADY

SPOT LOCATION: SW SW NW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 1605 80

Lease Name: NISWONGER Well No: 1-16-9XHW Well will be 80 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

GEORGE E JR & LOU MCNEFF REV TRUST
1408 COUNTY ROAD 1390
CHICKASHA OK 73018

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	14451
2	SYCAMORE	352SCMR	14478
3	WOODFORD	319WDFD	14725
4	MISENER	319MSNR	14961
5	HUNTON	269HNTN	14962

Spacing Orders: 580121
609305
722954

Location Exception Orders: 722875

Increased Density Orders: 722728
722874

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 24668

Ground Elevation: 1058

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 550

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: 21-37952

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: DUNCAN

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

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: 9	Township: 6N	Range: 6W	Meridian: IM	Total Length: 9622	
	County: GRADY			Measured Total Depth: 24668	
Spot Location of End Point: N2	NW	NW	NW	True Vertical Depth: 15000	
Feet From: NORTH		1/4 Section Line: 50		End Point Location from	
Feet From: WEST		1/4 Section Line: 330		Lease, Unit, or Property Line: 50	

NOTES:

Category	Description
DEEP SURFACE CASING	[12/17/2021 - 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	[12/17/2021 - GC2] - OCC 165:10-3-10 REQUIRES: 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; 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: OCCEWEB.COM/OG/OGFORMS.HTML ; AND, 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
INCREASED DENSITY - 722728	[12/21/2021 - GB1] - 16-6N-6W X580121 WDFD, OTHER 1 OTHER, 3 WDFD WELLS NO OP NAMED 1/10/22
INCREASED DENSITY - 722874	[12/21/2021 - GB1] - 9-6N-6W X609305 WDFD, OTHER 1 OTHER, 3 WDFD WELLS NO OP NAMED 1/14/22
LOCATION EXCEPTION - 722875 (202102627)	[12/21/2021 - GB1] - (I.O.) 9 & 16-6N-6W X580121 SCMR, WDFD, HNTN 16-6N-6W X609305 MSSP, WDFD, MSNR, HNTN 9-6N-6W COMPL INT (16-6N-6W) NCT 150' FSL, NCT 0' FNL, NCT 330' FWL COMPL INT (9-6N-6W) NCT 0' FSL, NCT 150' FNL, NCT 330' FWL CONTINENTAL RESOURCES, INC 1/14/22
MEMO	[1/24/2022 - GC2] - CLOSED SYSTEM=STEEL PITS(REQUIRED - BITTER CREEK), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 580121	[12/21/2021 - GB1] - (640) 16-6N-6W EST SCMR, WDFD, HNTN, OTHERS
SPACING - 609305	[12/21/2021 - GB1] - (640) 9-6N-6W EXT 204268 WDFD, MSNR, OTHERS EXT 580121 HNTN, OTHERS EST MSSP
SPACING - 722954 (202102626)	[12/21/2021 - GB1] - (I.O.) 9 & 16-6N-6W EST MULTIUNIT HORIZONTAL WELL X580121 SCMR, WDFD, HNTN 16-6N-6W X609305 MSSP, WDFD, MSNR, HNTN 9-6N-6W (MSSP, SCMR, MSNR, HNTN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 50% 16-6N-6W 50% 9-6N-6W CONTINENTAL RESOURCES, INC 1/20/22

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.

051 24906 NISWONGER 1-16-9XHW

EXHIBIT: A (1 of 2)
SHEET: 8.5x11
SHL: 16-6N-6W
BHL-1: 9-6N-6W



WELL PAD ID:
5B5259CF-3742-F787-D2F9-BD678C7ADB00
SH-1-ID: TBKL1CMRJQ

COVER SHEET

CONTINENTAL RESOURCES, INC.

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

Section 16 Township 6N Range 6W I.M. SH-1: NISWONGER 1-16-9XHW
County GRADY State OK
Operator CONTINENTAL RESOURCES, INC.

NAD-83

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
SH-1	NISWONGER 1-16-9XHW	603047	2014460	34° 59' 25.06" -97° 50' 47.60"	34.990295 -97.846556	1605' FSL / 80' FWL (SW/4 SW/4 NW/4 SW/4 SEC 16)	1058.15'	1058.84'
LP-1	LANDING POINT	603048	2014710	34° 59' 25.06" -97° 50' 44.60"	34.990295 -97.845721	1605' FSL / 330' FWL (SW/4 SEC 16)	--	--
BHL-1	BOTTOM HOLE LOCATION	611977	2014703	35° 00' 53.38" -97° 50' 44.52"	35.014827 -97.845699	50' FNL / 330' FWL (NW/4 SEC 9)	--	--
X-1	LOU #1-16H	601613	2017879	34° 59' 10.82" -97° 50' 06.53"	34.986338 -97.835149	16-6N-6W: TD: 18870' 165' FSL / 1800' FEL	--	--
X-2	HILL #9-1	609373	2015695	35° 00' 27.61" -97° 50' 32.64"	35.007669 -97.842401	9-6N-6W: TD: 12870' 2640' FSL / 1320' FWL	--	--
X-3	GILL #1-4H	611659	2015774	35° 00' 50.22" -97° 50' 31.66"	35.013950 -97.842126	9-6N-6W: TD: 19381' 370' FNL / 1400' FWL	--	--
X-4	SPRAY #1-9H	607006	2017890	35° 00' 04.17" -97° 50' 06.30"	35.001157 -97.835082	9-6N-6W: TD: 19025' 275' FSL / 1780' FEL	--	--

NAD-27

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
SH-1	NISWONGER 1-16-9XHW	603006	2046057	34° 59' 24.82" -97° 50' 46.45"	34.990228 -97.846237	1605' FSL / 80' FWL (SW/4 SW/4 NW/4 SW/4 SEC 16)	1058.15'	1058.84'
LP-1	LANDING POINT	603006	2046307	34° 59' 24.82" -97° 50' 43.45"	34.990228 -97.845402	1605' FSL / 330' FWL (SW/4 SEC 16)	--	--
BHL-1	BOTTOM HOLE LOCATION	611935	2046300	35° 00' 53.14" -97° 50' 43.37"	35.014761 -97.845380	50' FNL / 330' FWL (NW/4 SEC 9)	--	--
X-1	LOU #1-16H	601571	2049476	34° 59' 10.58" -97° 50' 05.39"	34.986271 -97.834830	16-6N-6W: TD: 18870' 165' FSL / 1800' FEL	--	--
X-2	HILL #9-1	609331	2047291	35° 00' 27.37" -97° 50' 31.50"	35.007602 -97.842082	9-6N-6W: TD: 12870' 2640' FSL / 1320' FWL	--	--
X-3	GILL #1-4H	611617	2047370	35° 00' 49.98" -97° 50' 30.51"	35.013883 -97.841807	9-6N-6W: TD: 19381' 370' FNL / 1400' FWL	--	--
X-4	SPRAY #1-9H	606965	2049487	35° 00' 03.92" -97° 50' 05.15"	35.001090 -97.834764	9-6N-6W: TD: 19025' 275' FSL / 1780' FEL	--	--

REVISIONS

No.	DATE	STAKED	BY	DESCRIPTION	COMMENTS
00	12-16-21	12-22-21	HDG	ISSUED FOR APPROVAL	--
01	01-19-22	01-20-22	HDG	MOVED PAD NORTH	REV'D ALL SHEETS

Certificate of Authorization No. 7318



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

EXHIBIT: B
SHEET: 8.5x11
SHL: 16-6N-6W
BHL-1: 9-6N-6W

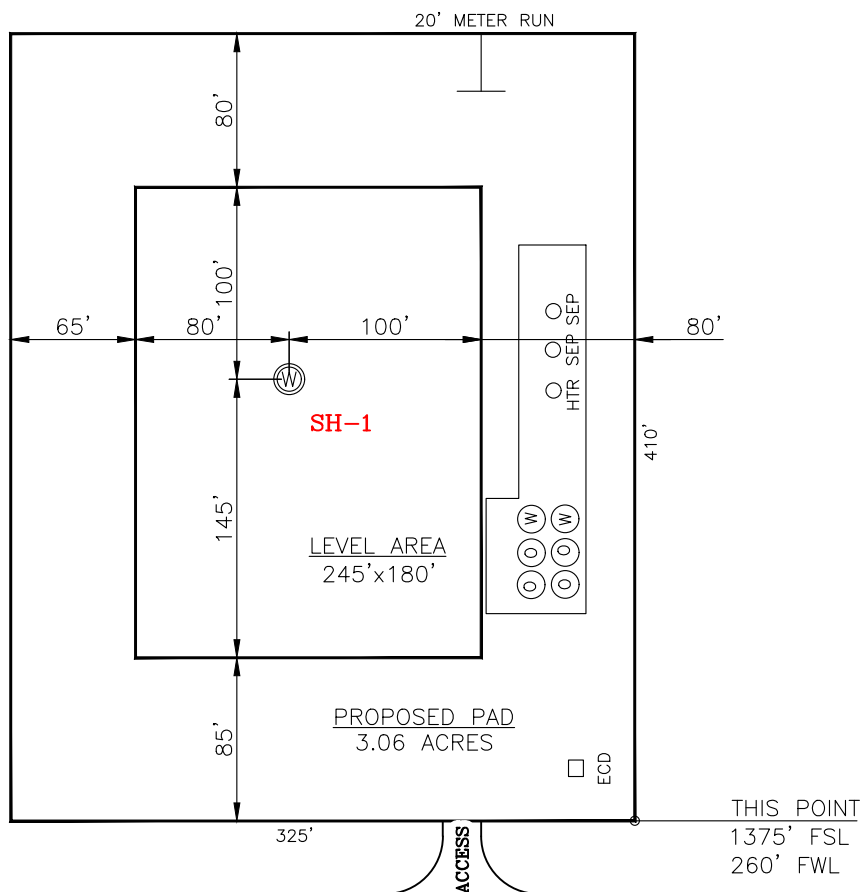
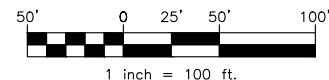
PETRO LAND SERVICES SOUTH, LLC

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



CONTINENTAL
RESOURCES, INC.
(OPERATOR)

GRADY County Oklahoma
1605' FSL-80' FWL Section 16 Township 6N Range 6W I.M.



CURRENT REV.: 0

SH-1: NISWONGER 1-16-9XHW

DATUM: NAD-83

NORTHING: 603047

EASTING: 2014460

LAT: N34°59'25.06"

LONG: W97°50'47.60"

LAT: 34.990295°

LONG: -97.846556°

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 South Line

Distance & Direction From Hwy. or Town: Starting from the intersection of HWY 39 & CS-2910, head south for 3 miles & turn right on CR-1390. Head west for 1 mile and turn left on Lincoln Rd. Head south for 1.67 miles & turn right on CS-2890. Head north for 0.25 miles to the existing 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.

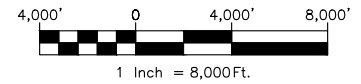
Well SH-1: NISWONGER 1-16-9XHW

Certificate of Authorization No. 7318

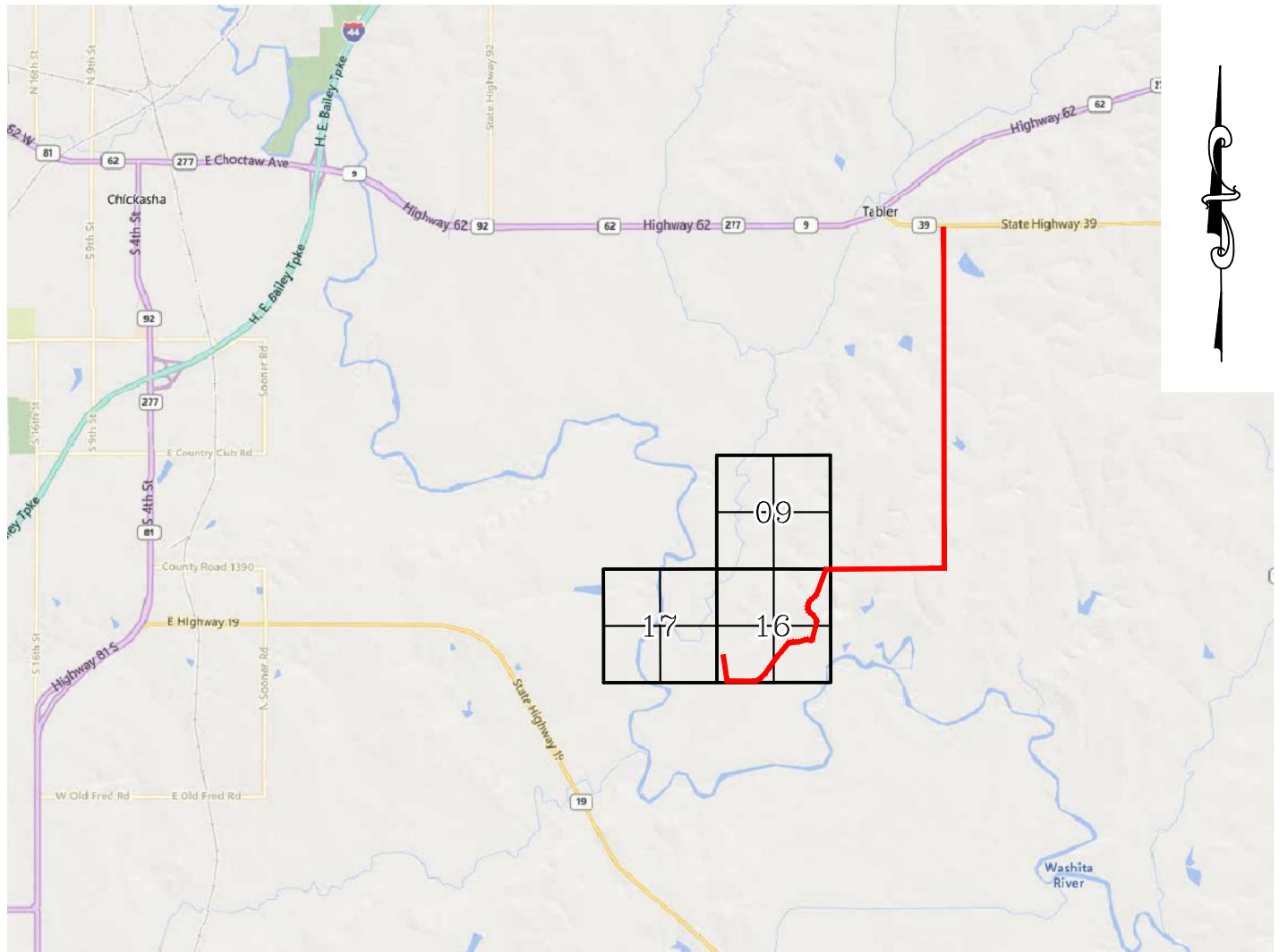
Prepared By:

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

EXHIBIT: C
SHEET: 8.5x11
SHL: 16-6N-6W
BHL-1: 9-6N-6W



VICINITY MAP



STARTING FROM THE INTERSECTION OF HWY 39 & CS-2910, HEAD SOUTH FOR 3 MILES & TURN RIGHT ON CR-1390. HEAD WEST FOR 1 MILE AND TURN LEFT ON LINCOLN RD. HEAD SOUTH FOR 1.67 MILES & TURN RIGHT ON CS-2890. HEAD NORTH FOR 0.25 MILES TO THE EXISTING 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 16 Township 6N Range 6W I.M. Well SH-1: NISWONGER 1-16-9XHW
County GRADY State OK
Operator CONTINENTAL RESOURCES, INC.

EXHIBIT: D
SHEET: 8.5x11
SHL: 16-6N-6W
BHL-1: 9-6N-6W

Well SH-1: NISWONGER 1-16-9XHW



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:	01-19-22	SHEET:	1 OF 2

EXHIBIT: E
SHEET: 8.5x11
SHL: 16-6N-6W
BHL-1: 9-6N-6W

Well SH-1: NISWONGER 1-16-9XHW



FACING EAST



FACING WEST



CURRENT REV.: 0

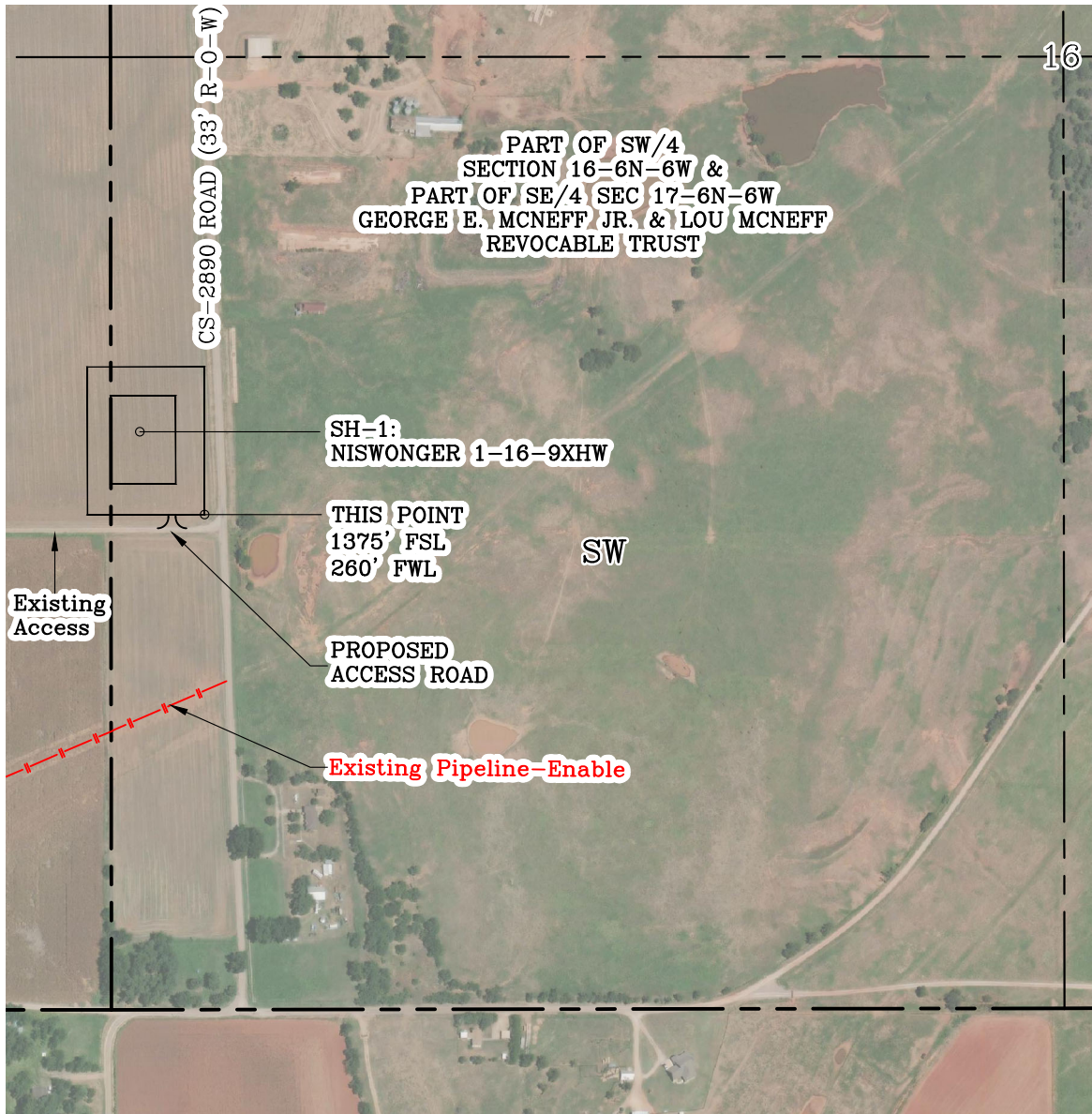
Prepared By:  PSLS 14612 Hertz Quail Springs Pkwy. Oklahoma City, OK 73134	TERRAIN	DRAWN BY:	HDG	SCALE:	N.T.S.
		CHECKED BY:	MJL	JOB No.:	--
		APPROVED BY:	--	DWG. NO.:	TERRAIN-2
		DATE ISSUED:	01-19-22	SHEET:	2 OF 2

EXHIBIT: F
SHEET: 8.5x11
SHL: 16-6N-6W
BHL-1: 9-6N-6W

Well SH-1: NISWONGER 1-16-9XHW

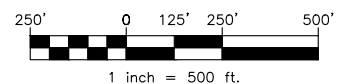


PROPOSED ACCESS ROAD = 44' | 2.67 RODS (TOTAL)



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

Section 16 Township 6N Range 6W I.M.
County GRADY State OK
Operator CONTINENTAL RESOURCES, INC.

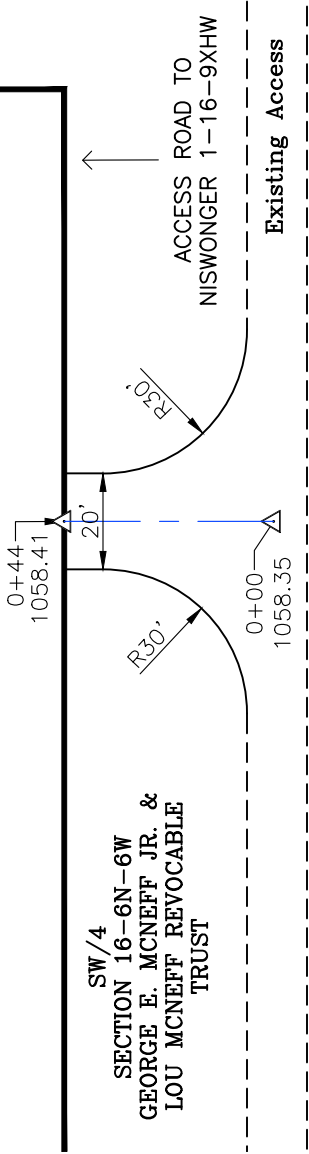


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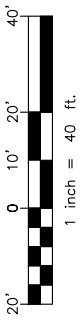
Prepared By:  PSLS 14612 Hertz Quail Springs Pkwy. Oklahoma City, OK 73134	AERIAL PLAT	DRAWN BY:	HDG	SCALE:	1" = 500'
		CHECKED BY:	MJL	JOB No.:	--
		APPROVED BY:	--	DWG. NO.:	AERIAL-1
		DATE ISSUED:	01-19-22	SHEET:	1 OF 4

EXHIBIT: G
SHEET: 8.5x11
SHL: 16-6N-6W
BHL-1: 9-6N-6W

SW/4
SECTION 16-6N-6W
GEORGE E. MCNEFF JR. &
LOU MCNEFF REVOCABLE
TRUST



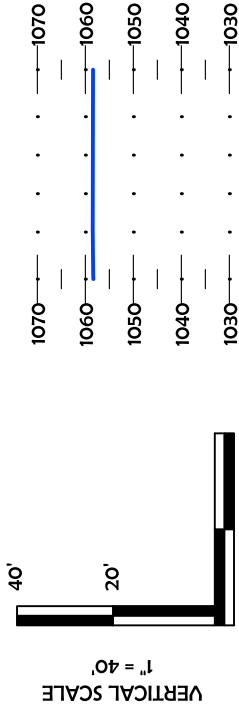
GPS DATUM - NAD83, OK SOUTH ZONE
US FEET SCALE: 1" = 40'



- * 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: NISWONGER 1-16-9XHW

PROPOSED ACCESS ROAD = 44' | 2.67 RODS (TOTAL)



HORIZONTAL SCALE
1" = 40'

CURRENT REV.: 0

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



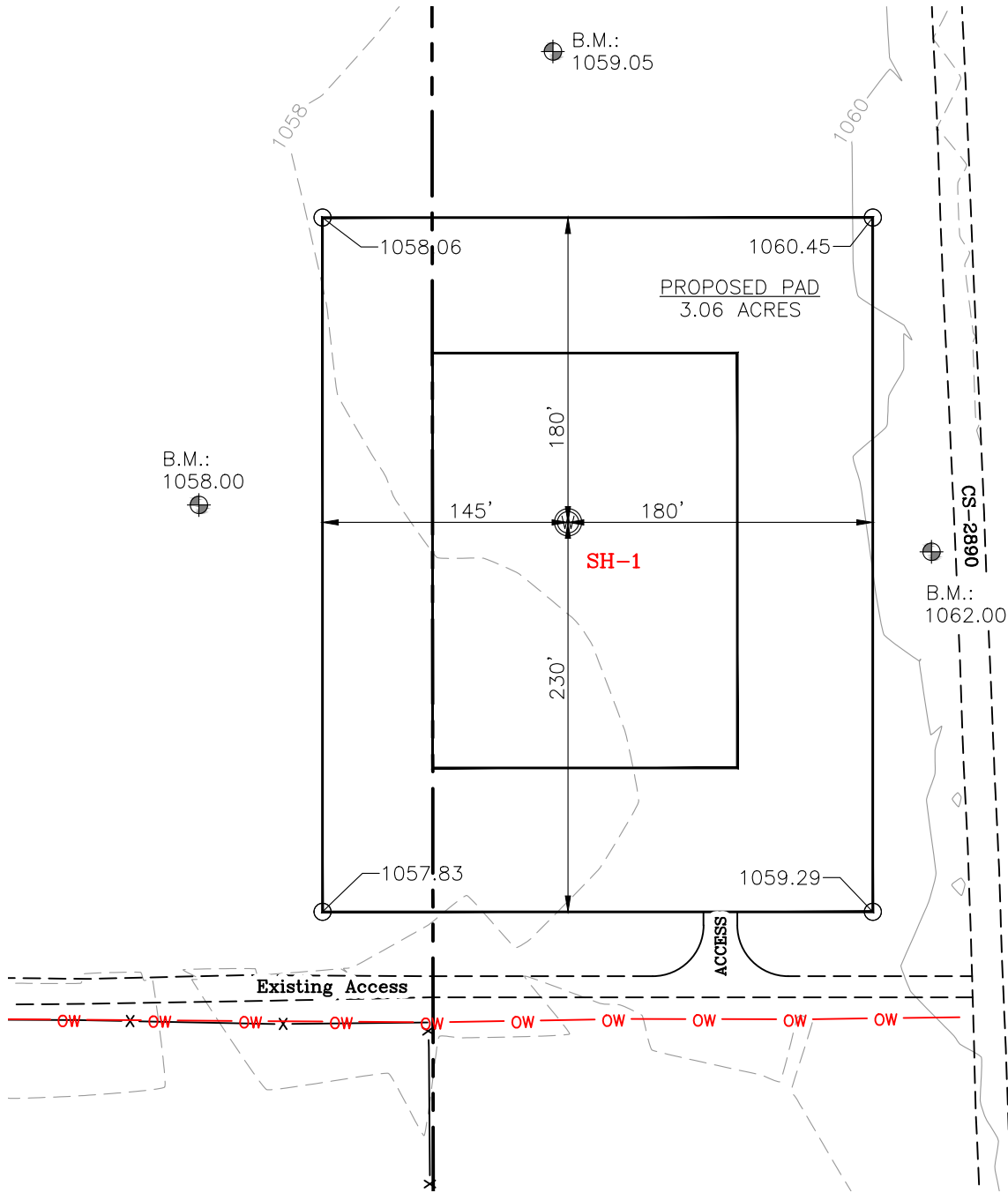
P.O. Box 26900
Oklahoma City
Oklahoma, 73126
(T) 1-800-256-8955
(F) 405-234-9253

LEASE ROAD
PLAN &
PROFILE

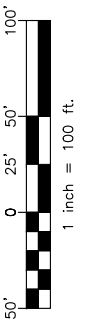
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CHECKED BY:	MJL	JOB No.:	--
APPROVED BY:	--	DWG. NO.:	P&P
DATE ISSUED:	01-19-22	SHEET:	2 OF 4

EXHIBIT: H
SHEET: 8.5x11
SHL: 16-6N-6W
BHL-1: 9-6N-6W

Well SH-1: NISWONGER 1-16-9XHW



GPS DATUM - NAD83, OK SOUTH ZONE
US FEET SCALE: 1" = 100'



CURRENT REV.: 0

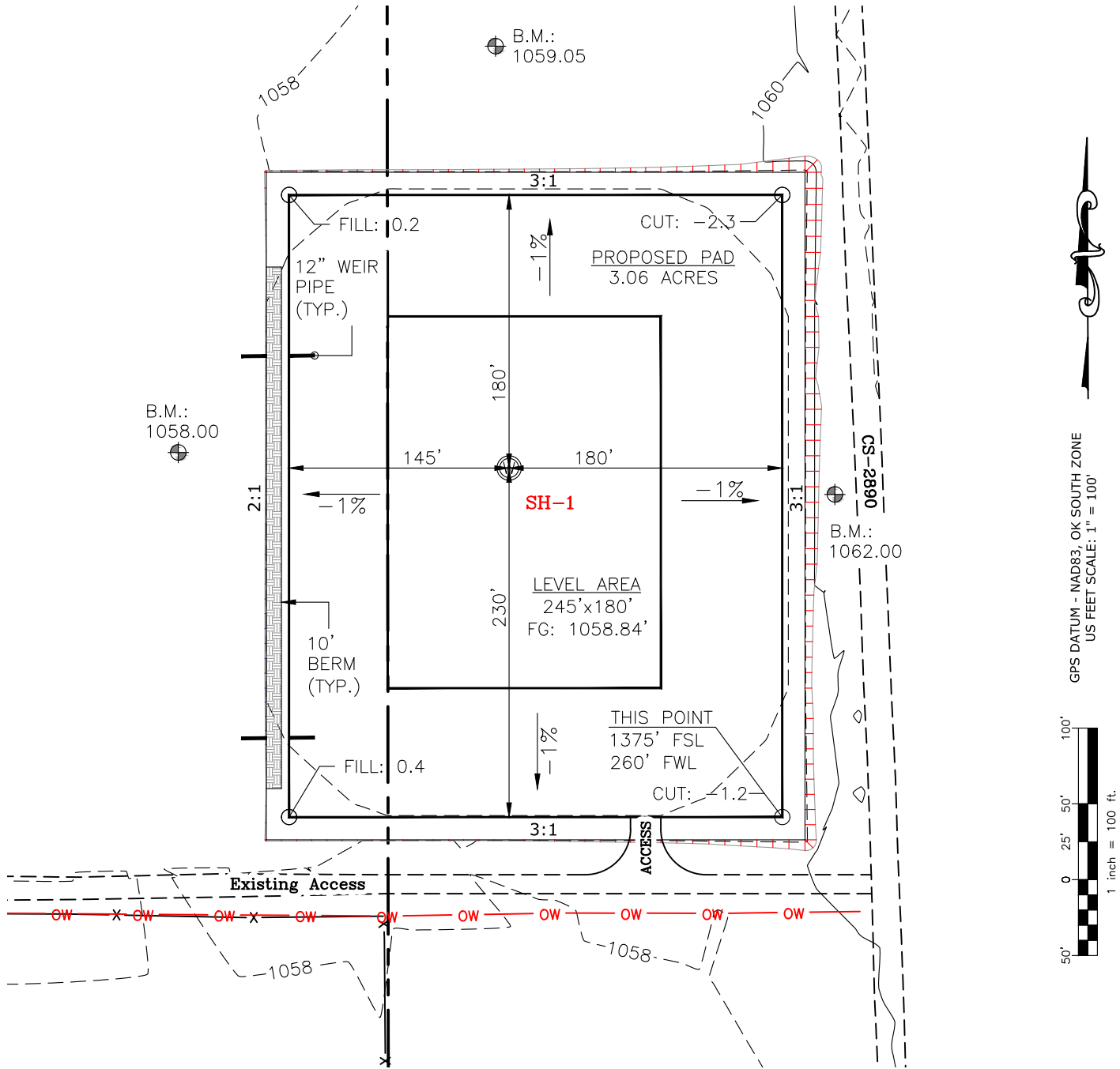
Prepared By:  PSLS 14612 Hertz Quail Springs Pkwy. Oklahoma City, OK 73134	EXISTING GRADING PLAN	DRAWN BY:	HDG	SCALE:	1" = 100'
		CHECKED BY:	MJL	JOB No.:	--
		APPROVED BY:	--	DWG. NO.:	EX-GR.
		DATE ISSUED:	01-19-22	SHEET:	3 OF 4

EXHIBIT: I
 SHEET: 8.5x11
 SHL: 16-6N-6W
 BHL-1: 9-6N-6W

Well SH-1: NISWONGER 1-16-9XHW



TOTAL PROPOSED DISTURBED AREA: 3.71 ACRES



CUT VOLUME 1020.79 CU. YD. | 6" OF STRIPPED TOP SOIL: 2,994.91 CU. YD.
 FILL VOLUME 1019.90 CU. YD. | BERM LENGTH: 344' (230.48 CU. YD.)

(CUT/FILL VOLUMES DO NOT INCLUDE 6" OF STRIPPED TOP SOIL)

CURRENT REV.: 0

Prepared By: PSLS 14612 Hertz Quail Springs Pkwy. Oklahoma City, OK 73134	PROPOSED GRADING PLAN	DRAWN BY:	HDG	SCALE:	1" = 100'
		CHECKED BY:	MJL	JOB No.:	--
		APPROVED BY:	--	DWG. NO.:	PRO-GR.
		DATE ISSUED:	01-19-22	SHEET:	4 OF 4

EXHIBIT "A"

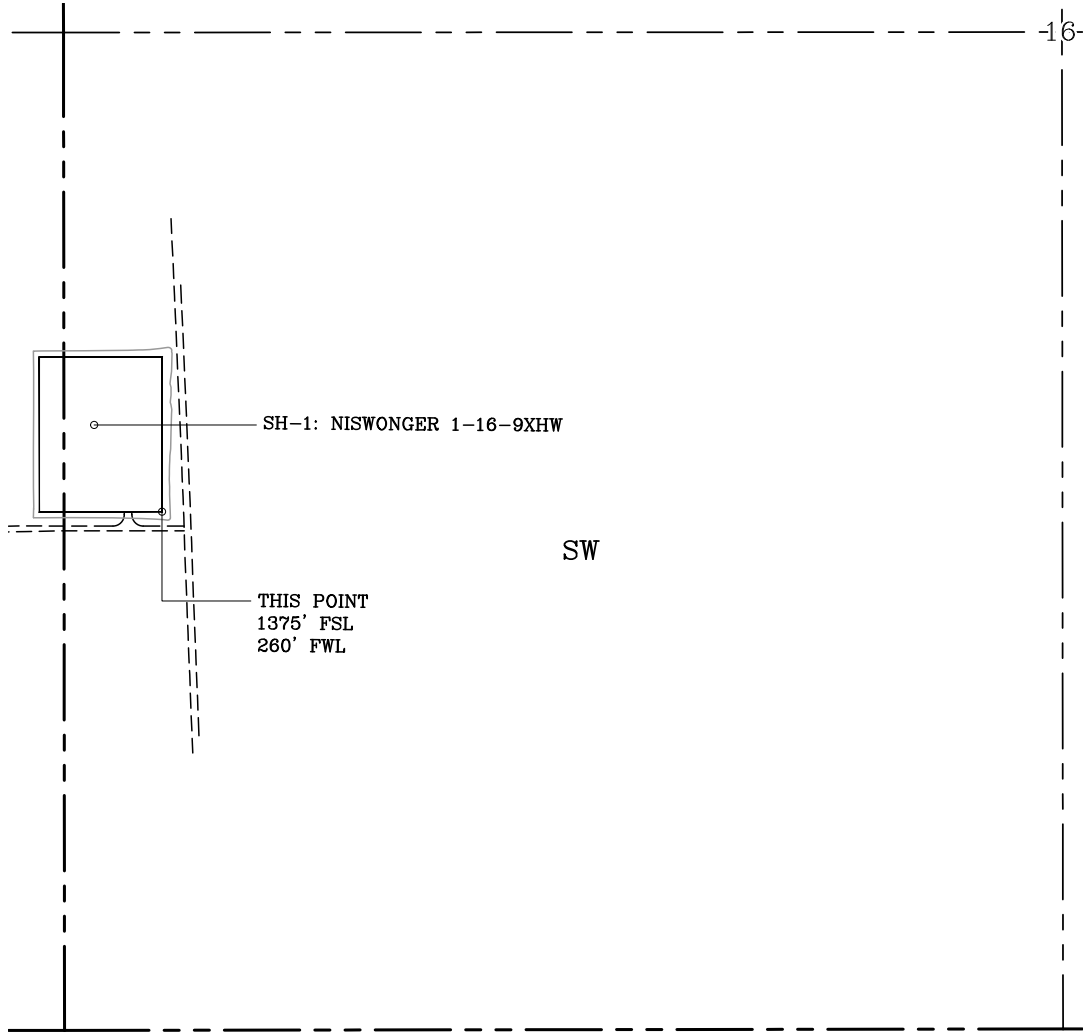
TABLE OF QUANTITIES

DISTURBED AREA = 3.71 ACRES
ACCESS ROAD = ±44'

LOCATED ON THE LANDS OF:
GEORGE E. MCNEFF JR. & LOU
MCNEFF REVOCABLE TRUST



PART OF SW/4 SEC 16-6N-6W &
PART OF SE/4 SEC 17-6N-6W
GRADY COUNTY, OKLAHOMA



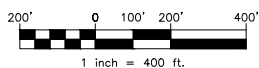
GENERAL NOTES:

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



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:	01-19-22
Checked By:	MJL	Scale:	1" = 400'
Sheet Size:	8.5x14	Sheet No.	1 of 1
REV.	Description	Date	
0	ISSUED FOR APPROVAL	12-16-21	
1	MOVED PAD NORTH	01-19-22	