

API NUMBER: 019 26490

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

Approval Date: 06/13/2022
Expiration Date: 12/13/2023

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 09 Township: 2S Range: 3W County: CARTER

SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 1810 330

Lease Name: THUNDERBALL Well No: 1-9-4XHM Well will be 330 feet from nearest unit or lease boundary.

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

CONTINENTAL RESOURCES INC

OKLAHOMA CITY, OK 73126-8870

DENNIS A CAMP

259 HALLMARK ROAD

RATLIFF CITY OK 73481

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

Name	Code	Depth
1 SYCAMORE	352SCMR	10171

Spacing Orders: 399677

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202202023

Working interest owners' notified: ***

Special Orders: No Special

202202024

202202025

202202026

Total Depth: 17193

Ground Elevation: 1044

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 1200

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: 22-38235

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: GARBER

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: GARBER

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: 4	Township: 2S	Range: 3W	Meridian: IM	Total Length: 8389
County: CARTER				Measured Total Depth: 17913
Spot Location of End Point: N2	NW	NW	NW	True Vertical Depth: 11412
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	[6/13/2022 - G56] - 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>[6/1/2022 - 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 6000NH 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	[6/1/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202202023	<p>[6/10/2022 - G56] - (E.O.)(400)(HOR) N2, N2 SE4 4-2S-3W EST SCMR COMPL INT NCT 660' FB (COEXIST WITH SP # 112042)*** REC 6/10/2022 (P. PORTER)</p> <p>*** WILL BE ADDED AT HEARING PER ATTORNEY FOR OPERATOR;</p>
PENDING CD - 202202024	<p>[6/13/2022 - G56] - (E.O.) N2 9, SW4, S2 SE4 4-2S-3W X399677 SCMR 1 WELL NO OP NAMED REC 6/10/2022 (P. PORTER)</p>
PENDING CD - 202202025	<p>[6/13/2022 - G56] - (E.O.) N2 9, SW4, S2 SE4 4 & N2, N2 SE4 4-2S-3W X399677 SCMR N2 9 & SW4, S2 SE4 4-2S-3W X202202023 SCMR N2, N2 SE4 4-2S-3W X165:10-3-28(C)(2)(B) SCMR MAY BE CLOSER THAN 600' TO CITATION POWERS 2-4 WELL COMPL INT (N2 9 & SW4, S2 SE4 4-2S-3W) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL COMPL INT (N2, N2 SE4 4-2S-3W) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL NO OP NAMED REC 6/10/2022 (P. PORTER)</p>
PENDING CD - 202202026	<p>[6/13/2022 - G56] - (E.O.) N2 9, SW4, S2 SE4 4 & N2, N2 SE4 4-2S-3W EST MULTIUNIT HORIZONTAL WELL X399677 SCMR N2 9 & SW4, S2 SE4 4-2S-3W X202202023 SCMR N2, N2 SE4 4-2S-3W 66.67% N2 9 & SW4, S2 SE4 4-2S-3W 33.33% N2, N2 SE4 4-2S-3W NO OP NAMED REC 6/10/2022 (P. PORTER)</p>
SPACING - 399677	<p>[6/10/2022 - G56] - (560)(HOR)(IRR UNIT) SW4, S2 SE4, 4 & N2 9-2S-3W EST SCMR POE TO BHL NLT 660' FB (COEXIST WITH PROD NON HOR DR & SP UNITS, SUPERSEDE NON DEVELOPED NON HOR DR & SP UNITS)</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.

019 26490 THUNDERBALL 1-9-4XHM

EXHIBIT: A (1 of 6)SHEET: 8.5x14SHL: 9-2S-3WBHL-1: 4-2S-3WWELL PAD ID:
4D45AB6A-F81E-6CAD-5A6C-5425426B6184

SH-1-ID: V2BIF21MF1

COVER SHEET

CONTINENTAL RESOURCES, INC.

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

Section 9 Township 2S Range 3W I.M.SH-1: THUNDERBALL 1-9-4XHMCounty CARTER State OKOperator CONTINENTAL RESOURCES, INC.

NAD-83							EXISTING ELEVATION	DESIGN ELEVATION
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE			
SH-1	THUNDERBALL 1-9-4XHM	386978	2111390	34° 23' 44.78" -97° 31' 34.79"	34.395773 -97.526332	1810' FSL / 330' FWL (NE/4 SW/4 NW/4 SW/4 SEC 9)	1044.23'	1045.86'
LP-1	LANDING POINT	387258	2111388	34° 23' 47.55" -97° 31' 34.80"	34.396542 -97.526335	2090' FSL / 330' FWL (SW/4 SEC 9)	--	--
BHL-1	BOTTOM HOLE LOCATION	395647	2111342	34° 25' 10.54" -97° 31' 34.88"	34.419594 -97.526355	50' FNL / 330' FWL (NW/4 SEC 4)	--	--
X-1	MCDANIEL #1	389446	2115986	34° 24' 08.97" -97° 30' 39.80"	34.402492 -97.511056	9-2S-3W: TD: 7600' 981' FNL / 326' FEL	--	--
X-2	HAAS #1	388790	2115336	34° 24' 02.51" -97° 30' 47.60"	34.400698 -97.513222	9-2S-3W: TD: 7210' 1640' FNL / 981' FEL	--	--
X-3	HASS #3	388788	2115996	34° 24' 02.47" -97° 30' 39.72"	34.400685 -97.511034	9-2S-3W: TD: 7886' 1639' FNL / 321' FEL	--	--
X-4	HAAS #2	388068	2116002	34° 23' 55.34" -97° 30' 39.70"	34.398706 -97.511027	9-2S-3W: TD: 6628' 2359' FNL / 321' FEL	--	--
X-5	DENNIS CAMP/BUMPASS UNIT #182-1	388789	2114671	34° 24' 02.53" -97° 30' 55.54"	34.400704 -97.515427	9-2S-3W: TD: 7860' 1643' FNL / 1646' FEL	--	--
X-6	GRAY/BUMPASS UNIT #174-1	390114	2113346	34° 24' 15.71" -97° 31' 11.28"	34.404364 -97.519800	9-2S-3W: TD: 7996' 322' FNL / 2310' FWL	--	--
X-7	GRAY/BUMPASS UNIT #173-2	390116	2112686	34° 24' 15.75" -97° 31' 19.16"	34.404376 -97.521988	9-2S-3W: TD: 7740' 323' FNL / 1650' FWL	--	--
X-8	JENNINGS DEESE UNIT #5	386150	2115351	34° 23' 36.40" -97° 30' 47.58"	34.393443 -97.513216	9-2S-3W: TD: 5335' 990' FSL / 985' FEL	--	--
X-9	JENNINGS DEESE UNIT (HAAS 6) #10	385488	2116016	34° 23' 29.82" -97° 30' 39.68"	34.391617 -97.511023	9-2S-3W: TD: 5356' 330' FSL / 324' FEL	--	--
X-10	JENNINGS DEESE UNIT #12	385491	2114696	34° 23' 29.91" -97° 30' 55.44"	34.391642 -97.515399	9-2S-3W: TD: 5500' 330' FSL / 1644' FEL	--	--
X-11	JENNINGS DEESE (D CAMP 2) #2	386154	2113377	34° 23' 36.53" -97° 31' 11.14"	34.393482 -97.519760	9-2S-3W: TD: 5540' 990' FSL / 2310' FWL	--	--
X-12	H A BRADY/BUMPASS UNIT #177-1	389449	2114666	34° 24' 09.06" -97° 30' 55.56"	34.402517 -97.515432	9-2S-3W: TD: 7600' 983' FNL / 1646' FEL	--	--
X-13	JENNINGS DSE. (HAAS 4) #11	385490	2115356	34° 23' 29.87" -97° 30' 47.56"	34.391630 -97.513211	9-2S-3W: TD: 5406' 330' FSL / 984' FEL	--	--
X-14	JENNINGS DEESE (CAMP 1) #13	385493	2114035	34° 23' 29.96" -97° 31' 03.31"	34.391655 -97.517587	9-2S-3W: TD: 6500' 330' FSL / 2304' FEL	--	--
X-15	JENNINGS DEESE UNIT (CAMP 3) #3	386153	2114031	34° 23' 36.49" -97° 31' 03.33"	34.393469 -97.517592	9-2S-3W: TD: 5500' 990' FSL / 2305' FEL	--	--
X-16	JENNINGS DSE. UT (CAMP 4) #4	386151	2114691	34° 23' 36.44" -97° 30' 55.46"	34.393456 -97.515404	9-2S-3W: TD: 5350' 990' FSL / 1645' FEL	--	--
X-17	JENNINGS DEESE UNIT (DENNIS CAMP 3) #1	386816	2112712	34° 23' 43.11" -97° 31' 19.04"	34.395308 -97.521955	9-2S-3W: TD: 5500' 1650' FSL / 1650' FWL	--	--
X-18	JENNINGS DEESE UNIT (D.CAMP 1) #14	385494	2113382	34° 23' 30.00" -97° 31' 11.11"	34.391668 -97.519754	9-2S-3W: TD: 5514' 330' FSL / 2310' FWL	--	--
X-19	EVMSU (BUMPASS UNIT 198) #10WSW	389414	2114893	34° 24' 08.71" -97° 30' 52.86"	34.402420 -97.514683	9-2S-3W: TD: 2198' 1017' FNL / 1420' FEL	--	--
X-20	JENNINGS DSE (CAMP DENNIS 4) #15	385497	2112062	34° 23' 30.10" -97° 31' 26.87"	34.391693 -97.524129	9-2S-3W: TD: 5855' 330' FSL / 990' FWL	--	--
X-21	JENNINGS DEESE UNIT #WSW87	385326	2115531	34° 23' 28.24" -97° 30' 45.48"	34.391178 -97.512633	9-2S-3W: TD: 1900' 167' FSL / 810' FEL	--	--
X-22	SMITH GRAY #1-9	388493	2112698	34° 23' 59.70" -97° 31' 19.10"	34.399917 -97.521971	9-2S-3W: TD: 8400' 1946' FNL / 1650' FWL	--	--
X-23	SMITH GRAY #2-9	388795	2111706	34° 24' 02.74" -97° 31' 30.92"	34.400760 -97.525256	9-2S-3W: TD: 5400' 1647' FNL / 660' FWL	--	--
X-24	NORTH CAMP #1	387473	2114021	34° 23' 49.55" -97° 31' 03.37"	34.397096 -97.517603	9-2S-3W: TD: 5800' 2310' FSL / 2306' FEL	--	--
X-25	S M MCDANIELS /A/ #2	390107	2115322	34° 24' 15.55" -97° 30' 47.70"	34.404318 -97.513250	9-2S-3W: TD: 6250' 322' FNL / 986' FEL	--	--
X-26	SSAD UNIT #4WSW	387336	2113226	34° 23' 48.23" -97° 31' 12.87"	34.396731 -97.520241	9-2S-3W: TD: 2460' 2171' FNL / 2169' FWL	--	--
X-27	H A BRADY #2	390110	2114051	34° 24' 15.63" -97° 31' 02.86"	34.404343 -97.517461	9-2S-3W: TD: 6350' 324' FNL / 2256' FEL	--	--
X-28	ASSAULT #1-9-16-21XHM	387526	2111343	34° 23' 50.20" -97° 31' 35.33"	34.397277 -97.526480	9-2S-3W: TD: 19100' 2357' FSL / 287' FWL	--	--
X-29	BUMPASS UNITSON #118	394728	2114644	34° 25' 01.29" -97° 30' 55.53"	34.417025 -97.515424	4-2S-3W: TD: 6800' 990' FNL / 1643' FEL	--	--
X-30	C JOHNSON #1	394058	2114646	34° 24' 54.66" -97° 30' 55.54"	34.415183 -97.515426	4-2S-3W: TD: UNKNOWN' 1660' FNL / 1644' FEL	--	--

REVISIONS

No.	DATE	STAKED	BY	DESCRIPTION	COMMENTS
00	05-12-22	**--**--22	HOG	ISSUED FOR APPROVAL	--
01	05-16-22	05-13-22	HOG	REV'D WELL NAME	REV'D ALL SHEETS

Certificate of Authorization No. 7318

Prepared By:
PSLS
14612 Bogert Parkway
Oklahoma City, OK 73134

EXHIBIT: A (2 of 6)SHEET: 8.5x14SHL: 9-2S-3WBHL-1: 4-2S-3WWELL PAD ID:
4D45AB6A-F81E-6CAD-5A6C-5425426B6184

SH-1-ID: V2BIF21MFI

COVER SHEET

X-31	BUMPASS UNIT (SUITOR 1) #106	395375	2115961	34' 25' 07.62" -97° 30' 39.76"	34.418785 -97.511044	4-2S-3W: TD: UNKNOWN' 352' FNL / 321' FEL	--	--
X-32	MINNIE SUITOR #1	395393	2115292	34' 25' 07.83" -97° 30' 47.74"	34.418842 -97.513262	4-2S-3W: TD: 4605' 330' FNL / 990' FEL	--	--
X-33	BUMPASS UNIT (POWERS 1) #104	395381	2113323	34' 25' 07.81" -97° 31' 11.25"	34.418836 -97.519791	4-2S-3W: TD: 4138' 328' FNL / 2310' FEL	--	--
X-34	UT(JOHNSON-SUITOR#2) #119	394716	2115304	34' 25' 01.14" -97° 30' 47.65"	34.416984 -97.513235	4-2S-3W: TD: 6600' 1006' FNL / 983' FEL	--	--
X-35	BUMPASS UNIT (POWERS G.T.#4) #102	395382	2112763	34' 25' 07.85" -97° 31' 17.93"	34.418847 -97.521648	4-2S-3W: TD: 6741' 324' FNL / 1750' FWL	--	--
X-36	BUMPASS UNIT (POWERS G.T.5) #116	394726	2111346	34' 25' 01.42" -97° 31' 34.89"	34.417061 -97.526358	4-2S-3W: TD: 7115' 972' FNL / 330' FWL	--	--
X-37	BUMPASS UNIT(HENRY-OBIBENS#2) #161	391428	2112679	34' 24' 28.74" -97° 31' 19.16"	34.407984 -97.521989	4-2S-3W: TD: 7600' 990' FNL / 1650' FWL	--	--
X-38	POWERS GT#8/BUMPASS #101	395367	2111344	34' 25' 07.77" -97° 31' 34.88"	34.418825 -97.526356	4-2S-3W: TD: 5012' 330' FNL / 330' FWL	--	--
X-39	BUMPASS UNIT(POWERS G.T.#6) #138	393404	2112011	34' 24' 48.32" -97° 31' 27.02"	34.413421 -97.524173	4-2S-3W: TD: 5980' 2297' FNL / 990' FWL	--	--
X-40	BUMPASS UNIT(POWERS-HENDON#2) #140	393401	2113331	34' 24' 48.22" -97° 31' 11.27"	34.413396 -97.519796	4-2S-3W: TD: 4682' 2308' FNL / 2310' FWL	--	--
X-41	BUMPASS UNIT(REDMOND UNIT#4) #169	390759	2115318	34' 24' 22.00" -97° 30' 47.71"	34.406111 -97.513252	4-2S-3W: TD: 6069' 330' FSL / 986' FEL	--	--
X-42	BUMPASS UNIT(POWERS G.T.#7) #117	394724	2112006	34' 25' 01.38" -97° 31' 27.01"	34.417049 -97.524169	4-2S-3W: TD: 4870' 977' FNL / 990' FWL	--	--
X-43	BUMPASS UNIT(BLAIR R.L.#1) #127	394059	2113986	34' 24' 54.71" -97° 31' 03.41"	34.415196 -97.517615	4-2S-3W: TD: 6800' 1654' FNL / 2304' FEL	--	--
X-44	BUMPASS UT. (REDMOND 1) #168	390762	2114658	34' 24' 22.05" -97° 30' 55.58"	34.406126 -97.515440	4-2S-3W: TD: 7500' 330' FSL / 1646' FEL	--	--
X-45	BUMPASS UNIT(LE.REDMOND#1) #170	390757	2115978	34' 24' 21.94" -97° 30' 39.83"	34.406095 -97.511064	4-2S-3W: TD: 7400' 330' FSL / 326' FEL	--	--
X-46	GIDDENS L C #1	390766	2113342	34' 24' 22.16" -97° 31' 11.29"	34.406155 -97.519803	4-2S-3W: TD: 6300' 330' FNL / 2310' FWL	--	--
X-47	BUMPASS UNIT(L.C.GIDDENS"A"2) #157	392086	2113337	34' 24' 35.22" -97° 31' 11.28"	34.409783 -97.519799	4-2S-3W: TD: 6100' 2310' FNL / 1650' FWL	--	--
X-48	BUMPASS UNIT(POWERS G.T.#2) #103	395383	2112663	34' 25' 07.86" -97° 31' 19.13"	34.418849 -97.521979	4-2S-3W: TD: 4238' 323' FNL / 1650' FWL	--	--
X-49	BUMPASS UNIT (HENRY "A" 2) #155	392091	2112017	34' 24' 35.32" -97° 31' 27.03"	34.409812 -97.524176	4-2S-3W: TD: 6250' 1650' FSL / 990' FWL	--	--
X-50	BUMPASS UNIT(JOHNSON"B"2"C"1) #141	393395	2115968	34' 24' 48.04" -97° 30' 39.79"	34.413344 -97.511053	4-2S-3W: TD: 6696' 2332' FNL / 325' FEL	--	--
X-51	BUMPASS UT (SUITOR MINNIE 1) #105	395378	2114641	34' 25' 07.72" -97° 30' 55.52"	34.418811 -97.515421	4-2S-3W: TD: 6600' 340' FNL / 1641' FEL	--	--
X-52	BUMPASS UNIT (REDMOND UNIT 6) #150	392737	2115974	34' 24' 41.53" -97° 30' 39.76"	34.411536 -97.511045	4-2S-3W: TD: 6150' 2310' FSL / 323' FEL	--	--
X-53	BUMPASS UNIT(C.JOHNSON#1) #120	394715	2115964	34' 25' 01.10" -97° 30' 39.77"	34.416971 -97.511047	4-2S-3W: TD: 3393' 1012' FNL / 323' FEL	--	--
X-54	JOHNSON CHAS /A/ #	394718	2114644	34' 25' 01.19" -97° 30' 55.53"	34.416997 -97.515424	4-2S-3W: TD: 3506' 1000' FNL / 1643' FEL	--	--
X-55	EAST VELMA MIDDLE BLOCK SAND U #9WSW	390564	2116171	34' 24' 20.03" -97° 30' 37.54"	34.405563 -97.510428	4-2S-3W: TD: 2103' 138' FSL / 134' FEL	--	--
X-56	EVMSU (BUMPASS UNIT WSW 192) #9WSW	393178	2112029	34' 24' 46.08" -97° 31' 26.82"	34.412800 -97.524117	4-2S-3W: TD: 2270' 1007' FSL / 2523' FWL	--	--
X-57	BUMPASS UNIT #191	395415	2111493	34' 25' 08.24" -97° 31' 33.09"	34.418955 -97.525859	4-2S-3W: TD: 2250' 283' FNL / 480' FWL	--	--
X-58	BUMPASS UNIT #212	391877	2115974	34' 24' 33.02" -97° 30' 39.81"	34.409173 -97.511059	4-2S-3W: TD: 4604' 1450' FNL / 326' FEL	--	--
X-59	BUMPASS UNIT #211	392219	2115373	34' 24' 36.44" -97° 30' 46.97"	34.410121 -97.513047	4-2S-3W: TD: 4750' 1790' FNL / 926' FEL	--	--
X-60	BUMPASS UNIT #207	394057	2115206	34' 24' 54.62" -97° 30' 48.85"	34.415172 -97.513570	4-2S-3W: TD: 4573' 1665' FNL / 1084' FEL	--	--
X-61	BUMPASS UNIT #216	391417	2115976	34' 24' 28.47" -97° 30' 39.82"	34.407909 -97.511061	4-2S-3W: TD: 4750' 990' FSL / 326' FEL	--	--
X-62	TIVIS #1-4	394946	2115533	34' 25' 03.40" -97° 30' 44.90"	34.417611 -97.512472	4-2S-3W: TD: 9300' 778' FNL / 752' FEL	--	--
X-63	BUMPASS UNIT #205	395217	2111992	34' 25' 06.25" -97° 31' 27.15"	34.418404 -97.524208	4-2S-3W: TD: 4573' 484' FNL / 978' FWL	--	--
X-64	BUMPASS UNIT #206	394042	2115778	34' 24' 54.45" -97° 30' 42.02"	34.415125 -97.511673	4-2S-3W: TD: 4080' 1684' FNL / 512' FEL	--	--
X-65	BUMPASS UNIT #208	393396	2115308	34' 24' 48.08" -97° 30' 47.67"	34.413357 -97.513241	4-2S-3W: TD: 4580' 2326' FNL / 985' FEL	--	--
X-66	PEVEHOUSE #1-4H	392232	2111686	34' 24' 36.74" -97° 31' 30.97"	34.410205 -97.525269	4-2S-3W: TD: 14402' 1790' FSL / 660' FWL	--	--
X-67	WILLIAMS #1-4	394060	2113334	34' 24' 54.74" -97° 31' 11.20"	34.415206 -97.519778	4-2S-3W: TD: 9975' 1649' FNL / 2315' FWL	--	--
X-68	TIVIS #2-4	393478	2115390	34' 24' 48.89" -97° 30' 46.69"	34.413580 -97.512969	4-2S-3W: TD: 8640' 2245' FNL / 903' FEL	--	--
X-69	BUMPASS UNIT #241	395115	2115776	34' 25' 05.07" -97° 30' 41.98"	34.418074 -97.511662	4-2S-3W: TD: 6700' 611' FNL / 508' FEL	--	--
X-70	POWERS #1-4	393961	2113344	34' 24' 53.76" -97° 31' 11.08"	34.414934 -97.519745	4-2S-3W: TD: 9870' 1748' FNL / 2325' FWL	--	--
X-71	BUMPASS (POWERS-HENDON UNIT#1) #139	393403	2112671	34' 24' 48.27" -97° 31' 19.14"	34.413409 -97.521984	4-2S-3W: TD: 7180' 2303' FNL / 1650' FWL	--	--
X-72	BUMPASS UNIT(HENRY-GIDDENS#1) #156	392088	2112677	34' 24' 35.27" -97° 31' 19.16"	34.409798 -97.521988	4-2S-3W: TD: 7500' 1650' FSL / 1650' FEL	--	--
X-73	BUMPASS UNIT #190	392084	2113993	34' 24' 35.16" -97° 31' 03.44"	34.409768 -97.517623	4-2S-3W: TD: 7300' 1650' FSL / 2306' FEL	--	--
X-74	POWERS #2-4	394632	2111760	34' 25' 00.47" -97° 31' 29.95"	34.416798 -97.524985	4-2S-3W: TD: 9810' 1068' FNL / 744' FWL	--	--
X-75	BUMPASS UNIT(S.E.HENRY"A"3) #160	391433	2111359	34' 24' 28.85" -97° 31' 34.92"	34.408014 -97.526365	4-2S-3W: TD: 7850' 990' FSL / 330' FWL	--	--

CURRENT REV.: 1

EXHIBIT: A (3 of 6)SHEET: 8.5x14SHL: 9-2S-3WBHL-1: 4-2S-3WWELL PAD ID:
4D45AB6A-F81E-6CAD-5A6C-5425426B6184

SH-1-ID: V2BIF21MFI

COVER SHEET

X-76	BUMPASS UNIT(POWERS-HERNSTAD#1 #137	393437	2111351	34° 24' 48.67" -97° 31' 34.90"	34.413519 -97.526361	4-2S-3W: TD: 7350' 2261' FNL / 330' FWL	--	--
X-77	BUMPASS UNIT(S.E.HENRY"A" #1) #166	390771	2112022	34° 24' 22.27" -97° 31' 27.04"	34.406185 -97.524179	4-2S-3W: TD: 6510' 330' FSL / 990' FWL	--	--
X-78	BUMPASS UNIT #242	393004	2115434	34° 24' 44.20" -97° 30' 46.19"	34.412277 -97.512831	4-2S-3W: TD: 7100' 2575' FSL / 862' FEL	--	--
X-79	TIPTON T H #1	394719	2113326	34° 25' 01.26" -97° 31' 11.25"	34.417018 -97.519793	4-2S-3W: TD: 4235' 990' FNL / 2310' FEL	--	--
X-80	POWERS G T #3	394715	2112666	34° 25' 01.26" -97° 31' 19.13"	34.417016 -97.521981	4-2S-3W: TD: 4350' 990' FNL / 1650' FEL	--	--
X-81	HENRY-GIDDENS U #4	391378	2112679	34° 24' 28.25" -97° 31' 19.16"	34.407847 -97.521989	4-2S-3W: TD: 4800' 940' FSL / 1650' FWL	--	--
X-82	REDMOND UNIT #2	392084	2113993	34° 24' 35.16" -97° 31' 03.44"	34.409768 -97.517623	4-2S-3W: TD: 7300' 1650' FSL / 2306' FEL	--	--
X-83	JOHNSON #2	394553	2114474	34° 24' 59.57" -97° 30' 57.56"	34.416547 -97.515988	4-2S-3W: TD: 2500' 1164' FNL / 1813' FEL	--	--
X-84	BUMPASS UNIT #209	392890	2115260	34° 24' 43.07" -97° 30' 48.27"	34.411965 -97.513409	4-2S-3W: TD: 4604' 2460' FSL / 1036' FEL	--	--
X-85	HENRY UNIT "B" #1	392093	2111357	34° 24' 35.38" -97° 31' 34.91"	34.409827 -97.526364	4-2S-3W: TD: 7600' 1650' FSL / 330' FWL	--	--
X-86	S.E. HENRY "D" #3	392714	2112639	34° 24' 41.46" -97° 31' 19.57"	34.411516 -97.522102	4-2S-3W: TD: 4700' 2275' FSL / 1615' FWL	--	--

EXHIBIT: A (4 of 6)SHEET: 8.5x14SHL: 9-2S-3WBHL-1: 4-2S-3WWELL PAD ID:
4D45AB6A-F81E-6CAD-5A6C-5425426B6184

SH-1-ID: V2BIF21MFI

COVER SHEET

NAD-27								
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
SH-1	THUNDERBALL 1-9-4XHM	386936	2142985	34° 23' 44.47" -97° 31' 33.70"	34.395686 -97.526028	1810' FSL / 330' FWL (NE/4 SW/4 NW/4 SEC 9)	1044.23'	1045.86'
LP-1	LANDING POINT	387216	2142983	34° 23' 47.24" -97° 31' 33.71"	34.396455 -97.526031	2090' FSL / 330' FWL (SW/4 SEC 9)	--	--
BHL-1	BOTTOM HOLE LOCATION	395605	2142938	34° 25' 10.23" -97° 31' 33.79"	34.419508 -97.526051	50' FNL / 330' FWL (NW/4 SEC 4)	--	--
X-1	MCDANIEL #1	389403	2147582	34° 24' 08.66" -97° 30' 38.71"	34.402405 -97.510753	9-2S-3W: TD: 7600' 981' FNL / 326' FEL	--	--
X-2	HAAS #1	388747	2146931	34° 24' 02.20" -97° 30' 46.51"	34.400611 -97.512919	9-2S-3W: TD: 7210' 1640' FNL / 981' FEL	--	--
X-3	HASS #3	388746	2147591	34° 24' 02.15" -97° 30' 38.63"	34.400598 -97.510731	9-2S-3W: TD: 7886' 1639' FNL / 321' FEL	--	--
X-4	HAAS #2	388026	2147597	34° 23' 55.03" -97° 30' 38.61"	34.398619 -97.510724	9-2S-3W: TD: 6628' 2359' FNL / 321' FEL	--	--
X-5	DENNIS CAMP/BUMPASS UNIT #182-1	388746	2146266	34° 24' 02.22" -97° 30' 54.44"	34.400617 -97.515123	9-2S-3W: TD: 7860' 1643' FNL / 1646' FEL	--	--
X-6	GRAY/BUMPASS UNIT #174-1	390072	2144941	34° 24' 15.40" -97° 31' 10.19"	34.404277 -97.519496	9-2S-3W: TD: 7996' 322' FNL / 2310' FWL	--	--
X-7	GRAY/BUMPASS UNIT #173-2	390073	2144281	34° 24' 15.44" -97° 31' 18.06"	34.404290 -97.521684	9-2S-3W: TD: 7740' 323' FNL / 1650' FWL	--	--
X-8	JENNINGS DEESE UNIT #5	386107	2146946	34° 23' 36.08" -97° 30' 46.49"	34.393356 -97.512913	9-2S-3W: TD: 5335' 990' FSL / 985' FEL	--	--
X-9	JENNINGS DEESE UNIT (HAAS 6) #10	385445	2147611	34° 23' 29.51" -97° 30' 38.59"	34.391530 -97.510720	9-2S-3W: TD: 5356' 330' FSL / 324' FEL	--	--
X-10	JENNINGS DEESE UNIT #12	385448	2146291	34° 23' 29.60" -97° 30' 54.34"	34.391555 -97.515095	9-2S-3W: TD: 5500' 330' FSL / 1644' FEL	--	--
X-11	JENNINGS DEESE (D CAMP 2) #2	386112	2144972	34° 23' 36.22" -97° 31' 10.04"	34.393395 -97.519456	9-2S-3W: TD: 5540' 990' FSL / 2310' FWL	--	--
X-12	H A BRADY/BUMPASS UNIT #177-1	389406	2146262	34° 24' 08.75" -97° 30' 54.46"	34.402431 -97.515129	9-2S-3W: TD: 7600' 983' FNL / 1646' FEL	--	--
X-13	JENNINGS DSE. (HAAS 4) #11	385447	2146951	34° 23' 29.55" -97° 30' 46.47"	34.391542 -97.512907	9-2S-3W: TD: 5406' 330' FSL / 984' FEL	--	--
X-14	JENNINGS DEESE (CAMP 1) #13	385450	2145631	34° 23' 29.65" -97° 31' 02.22"	34.391568 -97.517283	9-2S-3W: TD: 6500' 330' FSL / 2304' FEL	--	--
X-15	JENNINGS DEESE UNIT (CAMP 3) #3	386110	2145626	34° 23' 36.17" -97° 31' 02.24"	34.393382 -97.517288	9-2S-3W: TD: 5500' 990' FSL / 2305' FEL	--	--
X-16	JENNINGS DSE. UT (CAMP 4) #4	386109	2146286	34° 23' 36.13" -97° 30' 54.36"	34.393369 -97.515101	9-2S-3W: TD: 5350' 990' FSL / 1645' FEL	--	--
X-17	JENNINGS DEESE UNIT (DENNIS CAMP 3) #1	386773	2144307	34° 23' 42.80" -97° 31' 17.94"	34.395221 -97.521651	9-2S-3W: TD: 5500' 1650' FNL / 1650' FWL	--	--
X-18	JENNINGS DEESE UNIT (D.CAMP 1) #14	385451	2144977	34° 23' 29.69" -97° 31' 10.02"	34.391581 -97.519450	9-2S-3W: TD: 5514' 330' FSL / 2310' FWL	--	--
X-19	EVMSU (BUMPASS UNIT 198) #10WSW	389372	2146488	34° 24' 08.40" -97° 30' 51.76"	34.402333 -97.514379	9-2S-3W: TD: 2198' 1017' FNL / 1420' FEL	--	--
X-20	JENNINGS DSE (CAMP DENNIS 4) #15	385454	2143657	34° 23' 29.78" -97° 31' 25.77"	34.391606 -97.523825	9-2S-3W: TD: 5855' 330' FSL / 990' FWL	--	--
X-21	JENNINGS DEESE UNIT #WSW87	385284	2147126	34° 23' 27.83" -97° 30' 44.39"	34.391091 -97.512329	9-2S-3W: TD: 1900' 167' FSL / 810' FEL	--	--
X-22	SMITH GRAY #1-9	388450	2144294	34° 23' 59.39" -97° 31' 18.00"	34.399830 -97.521667	9-2S-3W: TD: 8400' 1946' FNL / 1650' FWL	--	--
X-23	SMITH GRAY #2-9	388753	2143301	34° 24' 02.43" -97° 31' 29.83"	34.400674 -97.524953	9-2S-3W: TD: 5400' 1647' FNL / 660' FWL	--	--
X-24	NORTH CAMP #1	387430	2145616	34° 23' 49.23" -97° 31' 02.28"	34.397009 -97.517299	9-2S-3W: TD: 5800' 2310' FSL / 2306' FEL	--	--
X-25	S M MCDANIELS /A/ #2	390065	2146917	34° 24' 15.23" -97° 30' 46.61"	34.404232 -97.512946	9-2S-3W: TD: 6250' 322' FNL / 986' FEL	--	--
X-26	SSAD UNIT #4WSW	387293	2144821	34° 23' 47.92" -97° 31' 11.77"	34.396644 -97.519937	9-2S-3W: TD: 2460' 2171' FNL / 2169' FWL	--	--
X-27	H A BRADY #2	390067	2145647	34° 24' 15.32" -97° 31' 01.76"	34.404256 -97.517157	9-2S-3W: TD: 6350' 324' FNL / 2256' FEL	--	--
X-28	ASSAULT #1-9-16-21XHM	387483	2142938	34° 23' 49.88" -97° 31' 34.23"	34.397190 -97.526176	9-2S-3W: TD: 19100' 2357' FNL / 287' FWL	--	--
X-29	BUMPASS UNITSON #118	394686	2146239	34° 25' 00.98" -97° 30' 54.43"	34.416939 -97.515120	4-2S-3W: TD: 6800' 990' FNL / 1643' FEL	--	--
X-30	C JOHNSON #1	394015	2146241	34° 24' 54.35" -97° 30' 54.44"	34.415097 -97.515123	4-2S-3W: TD: UNKNOWN' 1660' FNL / 1644' FEL	--	--
X-31	BUMPASS UNIT (SUITOR 1) #106	395332	2147556	34° 25' 07.31" -97° 30' 38.67"	34.418698 -97.510741	4-2S-3W: TD: UNKNOWN' 352' FNL / 321' FEL	--	--
X-32	MINNIE SUITOR #1	395350	2146888	34° 25' 07.52" -97° 30' 46.65"	34.418756 -97.512958	4-2S-3W: TD: 4605' 330' FNL / 990' FEL	--	--
X-33	BUMPASS UNIT (POWERS 1) #104	395339	2144919	34° 25' 07.50" -97° 31' 10.15"	34.418750 -97.519487	4-2S-3W: TD: 4138' 328' FNL / 2310' FEL	--	--
X-34	BUMPASS UT(JOHNSON-SUITOR#2) #119	394674	2146899	34° 25' 00.83" -97° 30' 46.55"	34.418698 -97.512932	4-2S-3W: TD: 6600' 1006' FNL / 983' FEL	--	--
X-35	BUMPASS UNIT (POWERS G.T.#4) #102	395340	2144359	34° 25' 07.54" -97° 31' 16.84"	34.418761 -97.521344	4-2S-3W: TD: 6741' 324' FNL / 1750' FWL	--	--
X-36	BUMPASS UNIT (POWERS G T 5) #116	394683	2142941	34° 25' 01.11" -97° 31' 33.79"	34.416975 -97.526054	4-2S-3W: TD: 7115' 972' FNL / 330' FWL	--	--
X-37	BUMPASS UNIT(HENRY-GIBBENS#2) #161	391386	2144274	34° 24' 28.43" -97° 31' 18.07"	34.407897 -97.521685	4-2S-3W: TD: 7600' 990' FSL / 1650' FWL	--	--
X-38	POWERS GT#8/BUMPASS #101	395325	2142939	34° 25' 07.46" -97° 31' 33.79"	34.418738 -97.526052	4-2S-3W: TD: 5012' 330' FNL / 330' FWL	--	--
X-39	BUMPASS UNIT(POWERS G.T.#6) #138	393362	2143606	34° 24' 48.01" -97° 31' 25.93"	34.413335 -97.523869	4-2S-3W: TD: 5980' 2297' FNL / 990' FWL	--	--
X-40	BUMPASS UNIT(POWERS-HENDON#2) #140	393359	2144926	34° 24' 47.91" -97° 31' 10.17"	34.413309 -97.519492	4-2S-3W: TD: 4682' 2308' FNL / 2310' FWL	--	--

CURRENT REV.: 1

EXHIBIT: A (5 of 6)SHEET: 8.5x14SHL: 9-2S-3WBHL-1: 4-2S-3W**Continental**
R E S O U R C E SWELL PAD ID:
4D45AB6A-F81E-6CAD-5A6C-5425426B6184

SH-1-ID: V2BIF21MFI

COVER SHEET

X-41	BUMPASS UNIT(REDMOND UNIT#4) #169	390717	2146913	34' 24' 21.69" -97° 30' 46.61"	34.406024 -97.512948	4-2S-3W: TD: 6069' 330' FSL / 986' FEL	--	--
X-42	BUMPASS UNIT(POWERS G.T.#7) #117	394682	2143601	34' 25' 01.06" -97° 31' 25.92"	34.416962 -97.523865	4-2S-3W: TD: 4870' 977' FNL / 990' FwL	--	--
X-43	BUMPASS UNIT(BLAIR R.L.#1) #127	394017	2145581	34' 24' 54.40" -97° 31' 02.32"	34.415110 -97.517311	4-2S-3W: TD: 6800' 1654' FNL / 2304' FEL	--	--
X-44	BUMPASS UT. (REDMOND 1) #168	390719	2146253	34' 24' 21.74" -97° 30' 54.49"	34.406039 -97.515136	4-2S-3W: TD: 7500' 330' FSL / 1646' FEL	--	--
X-45	BUMPASS UNIT(L.E.REDMOND#1) #170	390714	2147573	34' 24' 21.63" -97° 30' 38.74"	34.406009 -97.510760	4-2S-3W: TD: 7400' 330' FSL / 326' FEL	--	--
X-46	GIDDENS L C #1	390724	2144937	34' 24' 21.85" -97° 31' 10.20"	34.406069 -97.519499	4-2S-3W: TD: 6300' 330' FSL / 2310' FWL	--	--
X-47	BUMPASS UNIT(L.C.GIDDENS"A"2) #157	392044	2144932	34' 24' 34.91" -97° 31' 10.18"	34.409696 -97.519496	4-2S-3W: TD: 6100' 2310' FSL / 1650' FWL	--	--
X-48	BUMPASS UNIT(POWERS G.T.#2) #103	395340	2144259	34' 25' 07.55" -97° 31' 18.03"	34.418763 -97.521675	4-2S-3W: TD: 4238' 323' FNL / 1650' FWL	--	--
X-49	BUMPASS UNIT (HENRY "A" 2) #155	392048	2143612	34' 24' 35.01" -97° 31' 25.94"	34.409726 -97.523872	4-2S-3W: TD: 6250' 1650' FSL / 990' FWL	--	--
X-50	BUMPASS UNIT(JOHNSON"B" & "C" #1) #141	393352	2147564	34' 24' 47.73" -97° 30' 38.70"	34.413257 -97.510749	4-2S-3W: TD: 6696' 2332' FNL / 325' FEL	--	--
X-51	BUMPASS UT (SUITOR MINNIE 1) #105	395335	2146236	34' 25' 07.41" -97° 30' 54.42"	34.418724 -97.515117	4-2S-3W: TD: 6600' 340' FNL / 1641' FEL	--	--
X-52	BUMPASS UNIT (REDMOND UNIT 6) #150	392695	2147569	34' 24' 41.22" -97° 30' 38.67"	34.411450 -97.510741	4-2S-3W: TD: 6150' 2310' FSL / 323' FEL	--	--
X-53	BUMPASS UNIT(C.JOHNSON#1) #120	394672	2147559	34' 25' 00.78" -97° 30' 38.68"	34.416885 -97.510743	4-2S-3W: TD: 3393' 1012' FNL / 323' FEL	--	--
X-54	JOHNSON CHAS /A/ #	394675	2146239	34' 25' 00.88" -97° 30' 54.43"	34.416911 -97.515120	4-2S-3W: TD: 3506' 1000' FNL / 1643' FEL	--	--
X-55	EAST VELMA MIDDLE BLOCK SAND U #9WSW	390522	2147766	34' 24' 19.72" -97° 30' 36.45"	34.405477 -97.510124	4-2S-3W: TD: 2103' 138' FSL / 134' FEL	--	--
X-56	EVMSBU (BUMPASS UNIT WSW 192) #9WSW	393136	2143624	34' 24' 45.77" -97° 31' 25.73"	34.412714 -97.523813	4-2S-3W: TD: 2270' 1007' FSL / 2523' FWL	--	--
X-57	BUMPASS UNIT #191	395373	2143088	34' 25' 07.93" -97° 31' 32.00"	34.418868 -97.525555	4-2S-3W: TD: 2250' 283' FNL / 480' FWL	--	--
X-58	BUMPASS UNIT #212	391835	2147569	34' 24' 32.71" -97° 30' 38.72"	34.409087 -97.510755	4-2S-3W: TD: 4604' 1450' FSL / 326' FEL	--	--
X-59	BUMPASS UNIT #211	392177	2146968	34' 24' 36.12" -97° 30' 45.88"	34.410035 -97.512743	4-2S-3W: TD: 4750' 1790' FNL / 926' FEL	--	--
X-60	BUMPASS UNIT #207	394014	2146801	34' 24' 54.31" -97° 30' 47.76"	34.415086 -97.513266	4-2S-3W: TD: 4573' 1665' FNL / 1084' FEL	--	--
X-61	BUMPASS UNIT #216	391375	2147571	34' 24' 28.16" -97° 30' 38.73"	34.407822 -97.510757	4-2S-3W: TD: 4750' 990' FSL / 326' FEL	--	--
X-62	TVIS #1-4	394903	2147128	34' 25' 03.09" -97° 30' 43.81"	34.417525 -97.512168	4-2S-3W: TD: 9300' 778' FNL / 752' FEL	--	--
X-63	BUMPASS UNIT #205	395175	2143587	34' 25' 05.94" -97° 31' 26.05"	34.418317 -97.523904	4-2S-3W: TD: 4573' 484' FNL / 978' FWL	--	--
X-64	BUMPASS UNIT #206	394000	2147373	34' 24' 54.14" -97° 30' 40.93"	34.415039 -97.511370	4-2S-3W: TD: 4080' 1684' FNL / 512' FEL	--	--
X-65	BUMPASS UNIT #208	393354	2146904	34' 24' 47.77" -97° 30' 46.57"	34.413270 -97.512937	4-2S-3W: TD: 4580' 2326' FNL / 985' FEL	--	--
X-66	PEVEHOUSE #1-4H	392189	2143281	34' 24' 36.43" -97° 31' 29.88"	34.410118 -97.524966	4-2S-3W: TD: 14402' 1790' FSL / 660' FWL	--	--
X-67	WILLIAMS #1-4	394018	2144929	34' 24' 54.43" -97° 31' 10.11"	34.415120 -97.519474	4-2S-3W: TD: 9975' 1649' FNL / 2315' FWL	--	--
X-68	TVIS #2-4	393436	2146985	34' 24' 48.58" -97° 30' 45.59"	34.413494 -97.512665	4-2S-3W: TD: 8640' 2245' FNL / 903' FEL	--	--
X-69	BUMPASS UNIT #241	395073	2147371	34' 25' 04.75" -97° 30' 40.89"	34.417987 -97.511358	4-2S-3W: TD: 6700' 611' FNL / 508' FEL	--	--
X-70	POWERS #1-4	393918	2144939	34' 24' 53.45" -97° 31' 09.99"	34.414848 -97.519441	4-2S-3W: TD: 9870' 1748' FNL / 2325' FWL	--	--
X-71	BUMPASS (POWERS-HENDON UNIT#1) #139	393360	2144266	34' 24' 47.96" -97° 31' 18.05"	34.413322 -97.521680	4-2S-3W: TD: 7180' 2303' FNL / 1650' FWL	--	--
X-72	BUMPASS UNIT(HENRY-GIDDENS#1) #156	392046	2144272	34' 24' 34.96" -97° 31' 18.06"	34.409711 -97.521684	4-2S-3W: TD: 7500' 1650' FSL / 1650' FEL	--	--
X-73	BUMPASS UNIT #190	392041	2145588	34' 24' 34.85" -97° 31' 02.35"	34.409681 -97.517319	4-2S-3W: TD: 7300' 1650' FSL / 2306' FEL	--	--
X-74	POWERS #2-4	394589	2143356	34' 25' 00.16" -97° 31' 28.85"	34.416712 -97.524681	4-2S-3W: TD: 9810' 1068' FNL / 744' FWL	--	--
X-75	BUMPASS UNIT(S.E.HENRY"A"3) #160	391391	2142954	34' 24' 28.54" -97° 31' 33.82"	34.407927 -97.526061	4-2S-3W: TD: 7850' 990' FSL / 330' FWL	--	--
X-76	BUMPASS UNIT(POWERS-HERNSTADT#1) #137	393394	2142946	34' 24' 48.36" -97° 31' 33.80"	34.413433 -97.526057	4-2S-3W: TD: 7350' 2261' FNL / 330' FWL	--	--
X-77	BUMPASS UNIT(S.E.HENRY"A"1) #166	390728	2143617	34' 24' 21.95" -97° 31' 25.95"	34.406099 -97.523875	4-2S-3W: TD: 6510' 330' FSL / 990' FWL	--	--
X-78	BUMPASS UNIT #242	392961	2147029	34' 24' 43.89" -97° 30' 45.10"	34.412190 -97.512528	4-2S-3W: TD: 7100' 2575' FSL / 862' FEL	--	--
X-79	TIPTON T H #1	394677	2144921	34' 25' 00.95" -97° 31' 10.16"	34.416932 -97.519489	4-2S-3W: TD: 4235' 990' FNL / 2310' FEL	--	--
X-80	POWERS G T #3	394673	2144261	34' 25' 00.95" -97° 31' 18.04"	34.416929 -97.521677	4-2S-3W: TD: 4350' 990' FNL / 1650' FEL	--	--
X-81	HENRY-GIDDENS U #4	391336	2144275	34' 24' 27.94" -97° 31' 18.07"	34.407760 -97.521685	4-2S-3W: TD: 4800' 940' FSL / 1650' FWL	--	--
X-82	REDMOND UNIT #2	392041	2145588	34' 24' 34.85" -97° 31' 02.35"	34.409681 -97.517319	4-2S-3W: TD: 7300' 1650' FSL / 2306' FEL	--	--
X-83	JOHNSON #2	394511	2146069	34' 24' 59.26" -97° 30' 56.46"	34.416461 -97.515684	4-2S-3W: TD: 2500' 1164' FNL / 1813' FEL	--	--
X-84	BUMPASS UNIT #209	392847	2146855	34' 24' 42.76" -97° 30' 47.18"	34.411878 -97.513105	4-2S-3W: TD: 4604' 2460' FSL / 1036' FEL	--	--
X-85	HENRY UNIT "B" #1	392051	2142952	34' 24' 35.07" -97° 31' 33.82"	34.409741 -97.526060	4-2S-3W: TD: 7600' 1650' FSL / 330' FWL	--	--
X-86	S.E. HENRY "D" #3	392671	2144234	34' 24' 41.15" -97° 31' 18.47"	34.411429 -97.521798	4-2S-3W: TD: 4700' 2275' FSL / 1615' FWL	--	--

EXHIBIT: A (6 of 6)
SHEET: 8.5x14
SHL: 9-2S-3W
BHL-1: 4-2S-3W

PETRO LAND SERVICES SOUTH, LLC

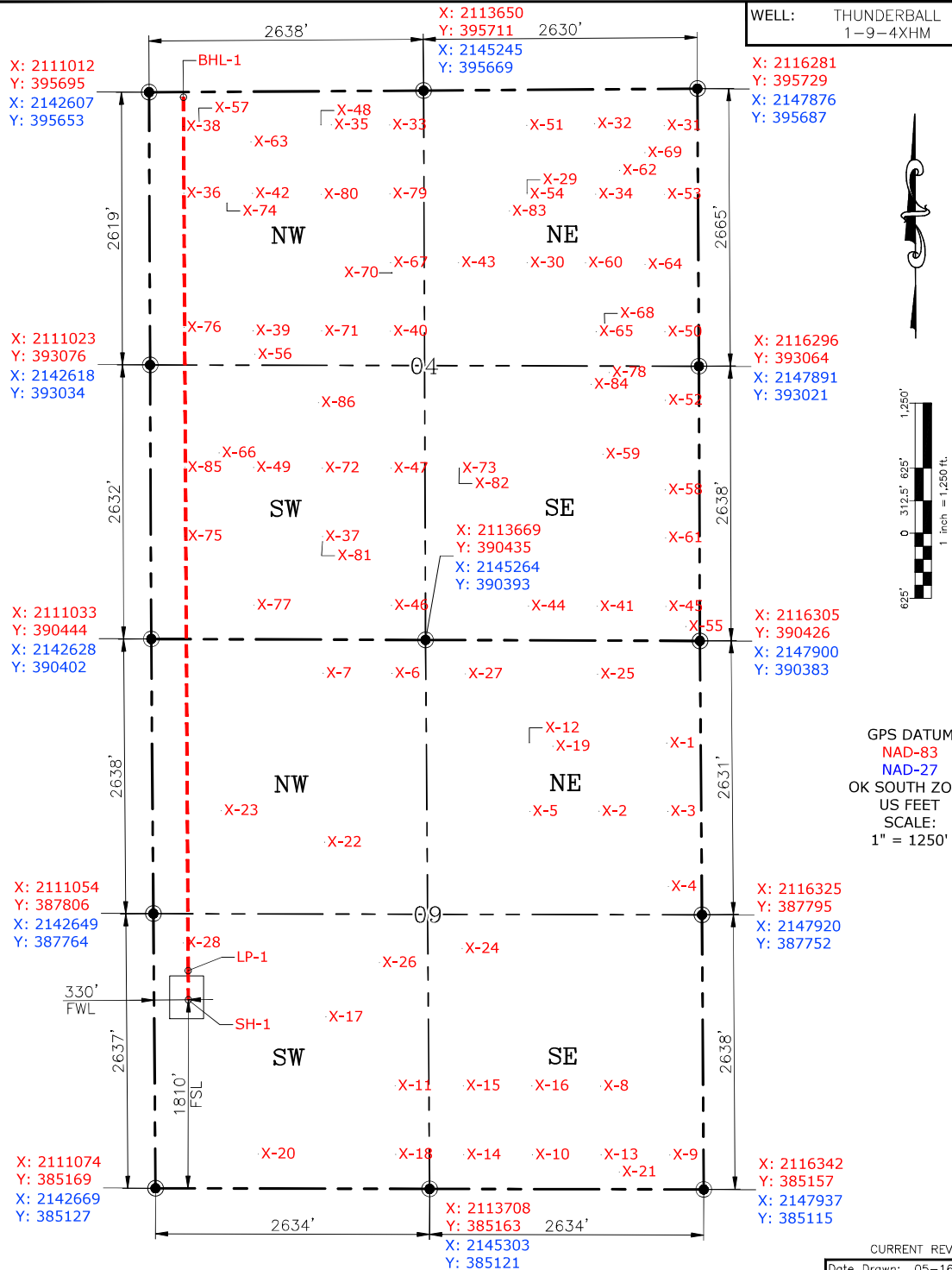
14612 BOGERT PARKWAY, OKLA. CITY, OKLA. 73134 * OFFICE (405) 212-3108
Certificate of Authorization No. 7318



CONTINENTAL
RESOURCES, INC.
(OPERATOR)

CARTER _____ County Oklahoma
1810' FSL-330' FWL Section 9 Township 2S Range 3W I.M.

WELL: THUNDERBALL
1-9-4XHM



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.



Oklahoma PLS No.1860 DATE 5-16-22

EXHIBIT: B
SHEET: 8.5x11
SHL: 9-2S-3W
BHL-1: 4-2S-3W

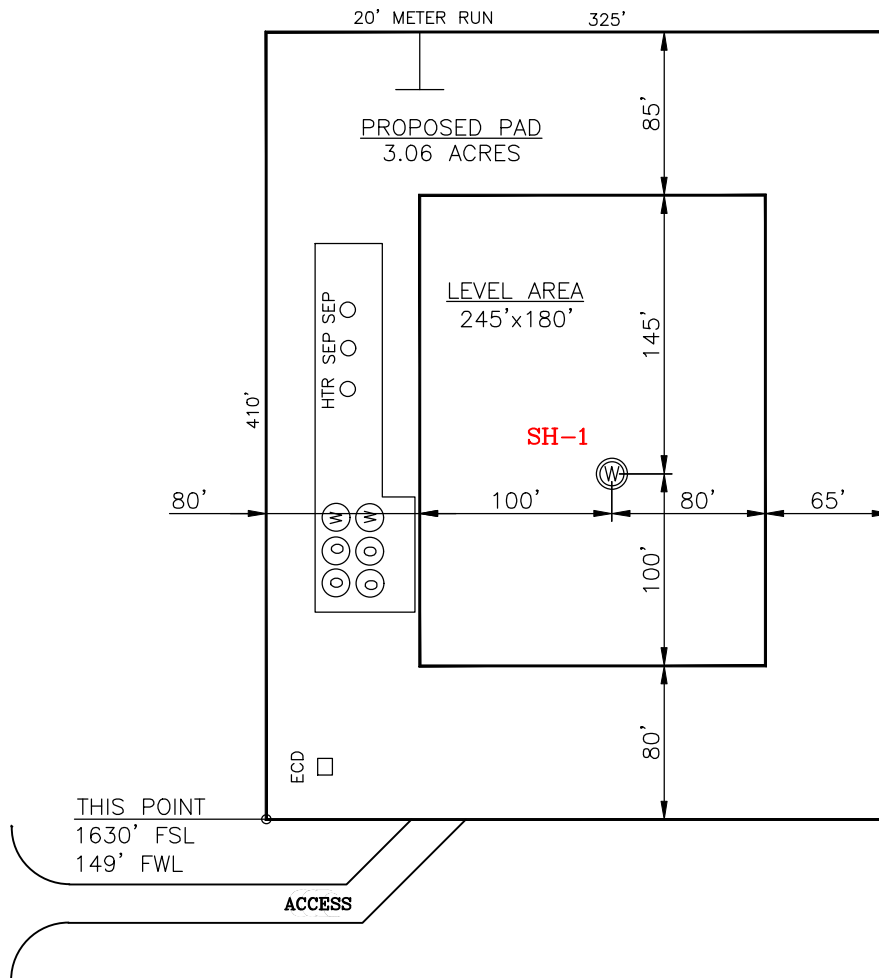
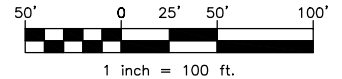
PETRO LAND SERVICES SOUTH, LLC

14612 BOGERT PARKWAY, OKLA. CITY, OKLA. 73134 * OFFICE (405) 212-3108
Certificate of Authorization No. 7318



CONTINENTAL
RESOURCES, INC
(OPERATOR)

CARTER County Oklahoma
1810' FSL-330' FWL Section 9 Township 2S Range 3W I.M.



CURRENT REV.: 1

SH-1: THUNDERBALL 1-9-4XHM

DATUM: NAD-83
NORTHING: 386978
EASTING: 2111390
LAT: N34°23'44.78"
LONG: W97°31'34.79"
LAT: 34.395773°
LONG: -97.526332°

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 West Line

Distance & Direction From Hwy. or Town: Leaving Ratliff City, head south on SH-76 for 2.82 miles & continue south on Doral Rd. Continue south for 0.70 miles & turn right on Camp Rd. Head west for 1 mile & turn left on Owens Rd & head south for 0.20 miles to the proposed access rd.

THE INFORMATION SHOWN HEREIN IS FOR
CONSTRUCTION PURPOSES ONLY

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

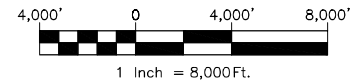
Well SH-1: THUNDERBALL 1-9-4XHM

Certificate of Authorization No. 7318

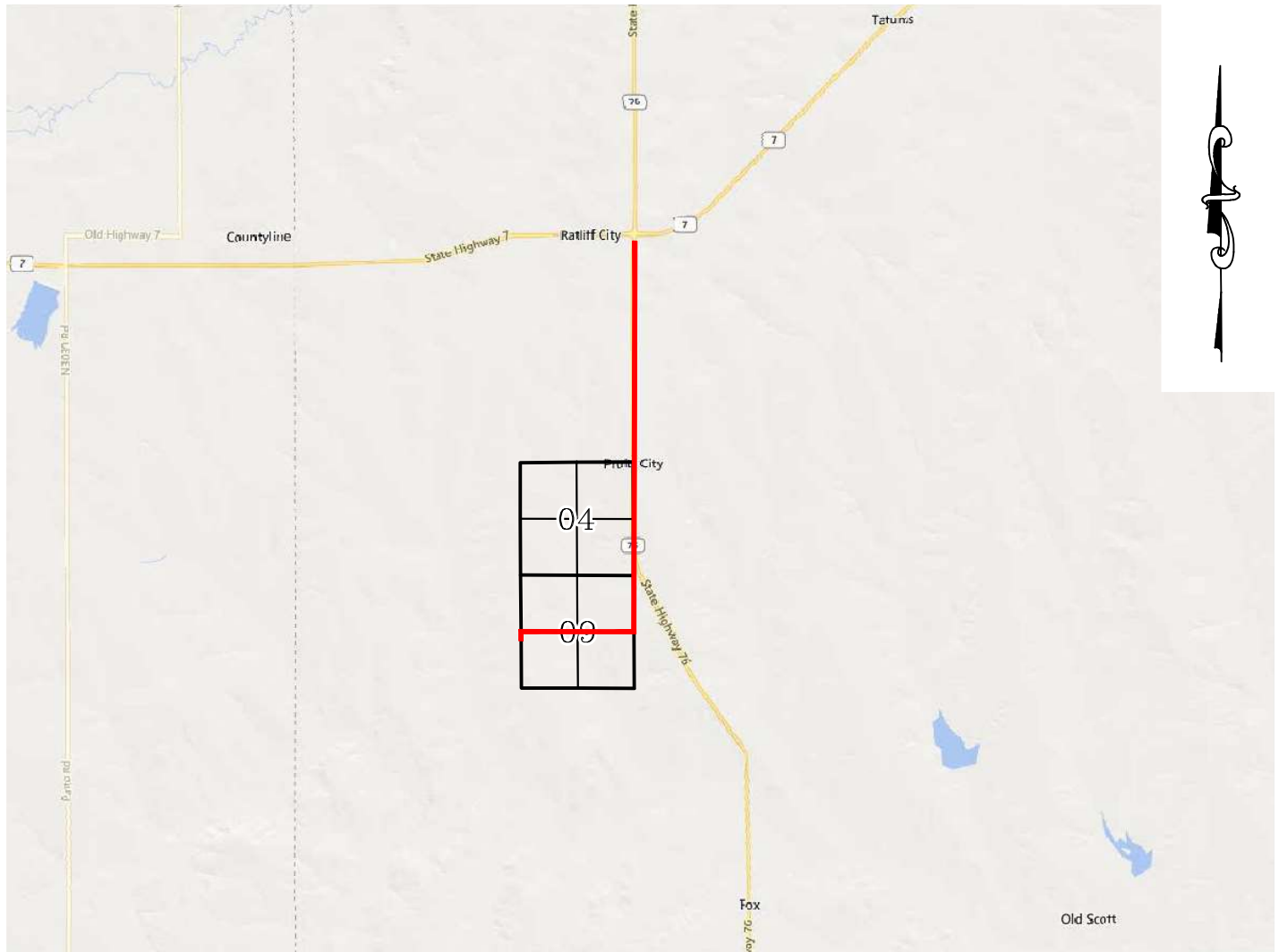


Prepared By:
PSLS
14612 Bogert Parkway
Oklahoma City, OK 73134

EXHIBIT: C
SHEET: 8.5x11
SHL: 9-2S-3W
BHL-1: 4-2S-3W



VICINITY MAP



LEAVING RATLIFF CITY, HEAD SOUTH ON SH-76 FOR 2.82 MILES & CONTINUE SOUTH ON DORAL RD. CONTINUE SOUTH FOR 0.70 MILES & TURN RIGHT ON CAMP RD. HEAD WEST FOR 1 MILE & TURN LEFT ON OWENS RD & HEAD SOUTH FOR 0.20 MILES TO THE PROPOSED ACCESS RD.

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 Bogert Parkway
Oklahoma City, OK 73134

Section 9 Township 2S Range 3W I.M. Well SH-1: THUNDERBALL 1-9-4XHM
County CARTER State OK
Operator CONTINENTAL RESOURCES, INC.

EXHIBIT: D
SHEET: 8.5x11
SHL: 9-2S-3W
BHL-1: 4-2S-3W

Well SH-1: THUNDERBALL 1-9-4XHM



FACING NORTH



FACING SOUTH



CURRENT REV.: 1

Prepared By:  PSLS 14612 Bogert Parkway. 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:	05-16-22	SHEET:	1 OF 2

EXHIBIT: E
 SHEET: 8.5x11
 SHL: 9-2S-3W
 BHL-1: 4-2S-3W

Well SH-1: THUNDERBALL 1-9-4XHM



FACING EAST



FACING WEST



CURRENT REV.: 1

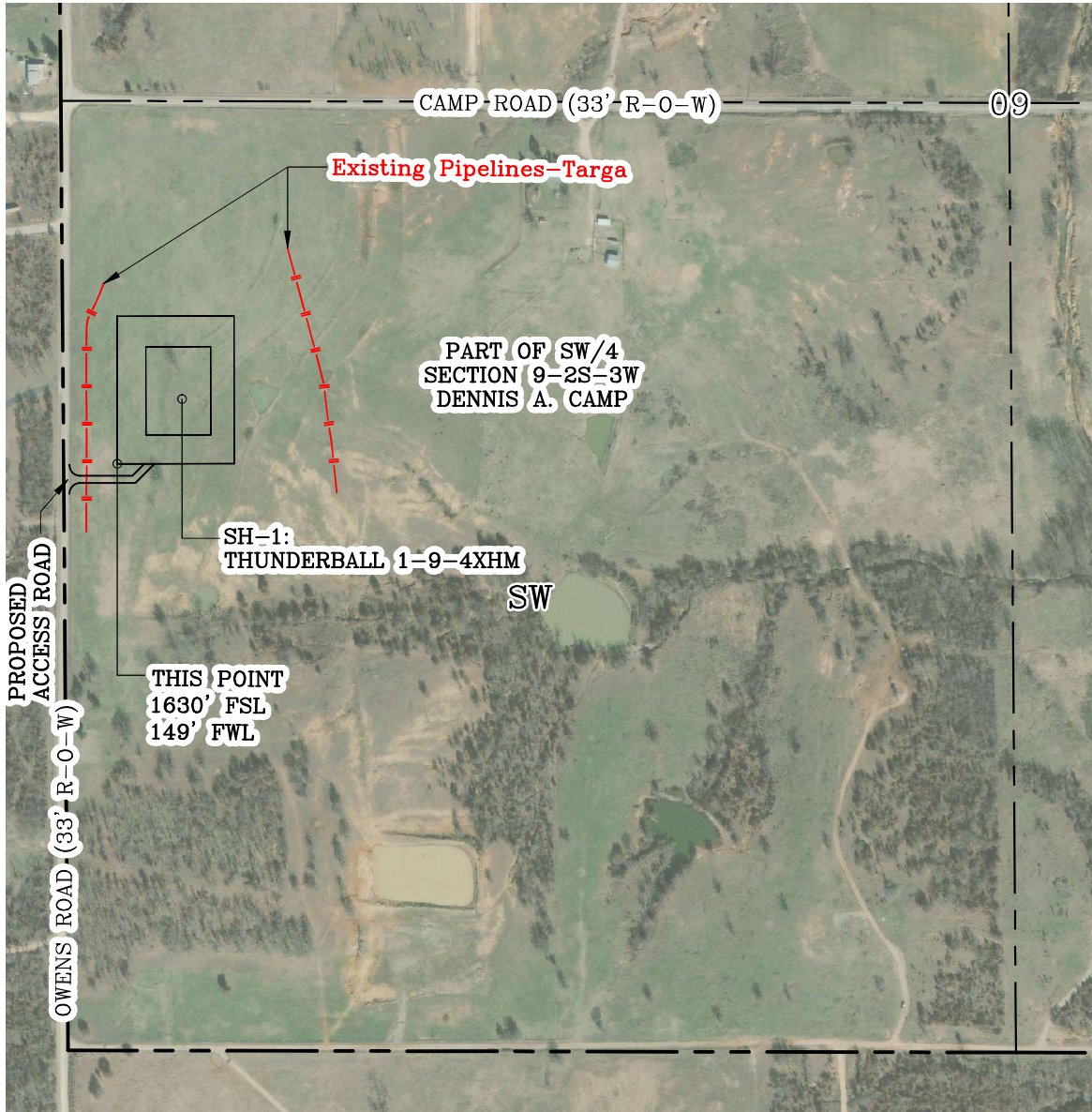
Prepared By:  PSLS 14612 Bogert Parkway, Oklahoma City, OK 73134	<h1>TERRAIN</h1>	DRAWN BY:	HDG	SCALE:	N.T.S.
		CHECKED BY:	MJL	JOB No.:	--
		APPROVED BY:	--	DWG. NO.:	TERRAIN-2
		DATE ISSUED:	05-16-22	SHEET:	2 OF 2

EXHIBIT: F
SHEET: 8.5x11
SHL: 9-2S-3W
BHL-1: 4-2S-3W

Well SH-1: THUNDERBALL 1-9-4XHM

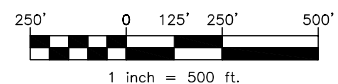


PROPOSED ACCESS ROAD = 245' | 14.85 RODS (TOTAL)



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

Section 9 Township 2S Range 3W I.M.
County CARTER State OK
Operator CONTINENTAL RESOURCES, INC.

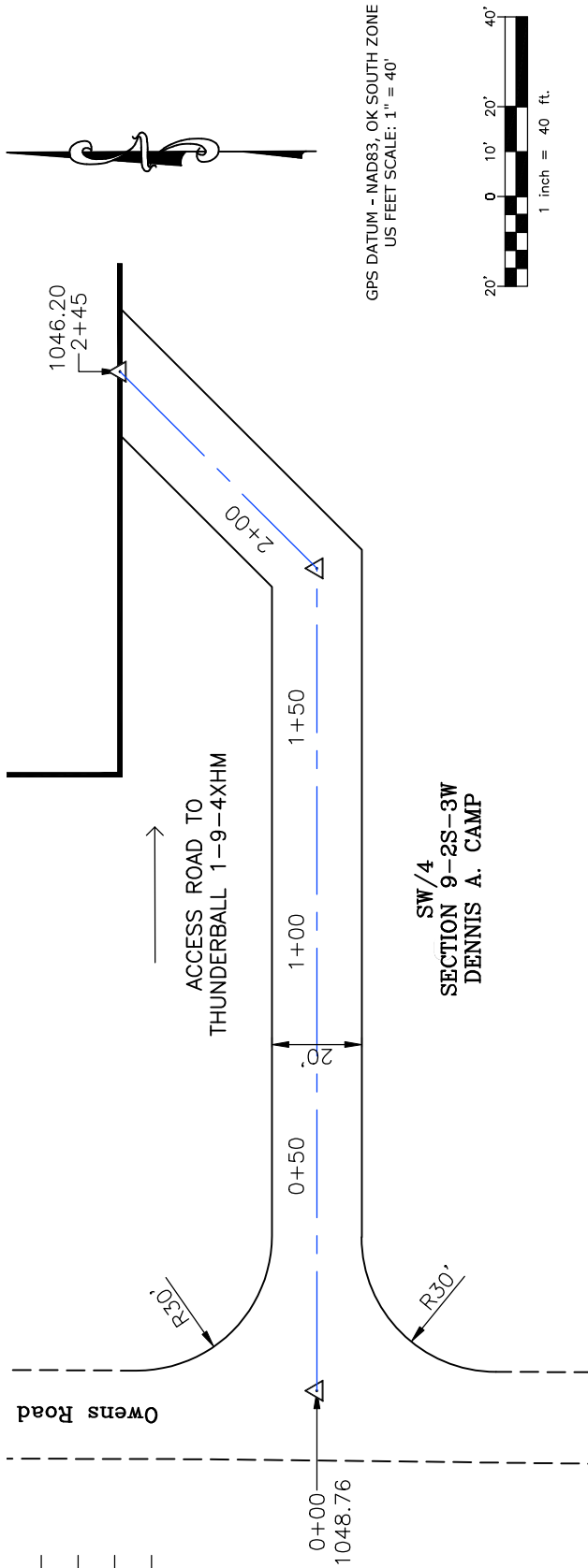


1 inch = 500 ft.

CURRENT REV.: 1

Prepared By:  PSLS 14612 Bogert Parkway. 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:	05-16-22	SHEET:	1 OF 4

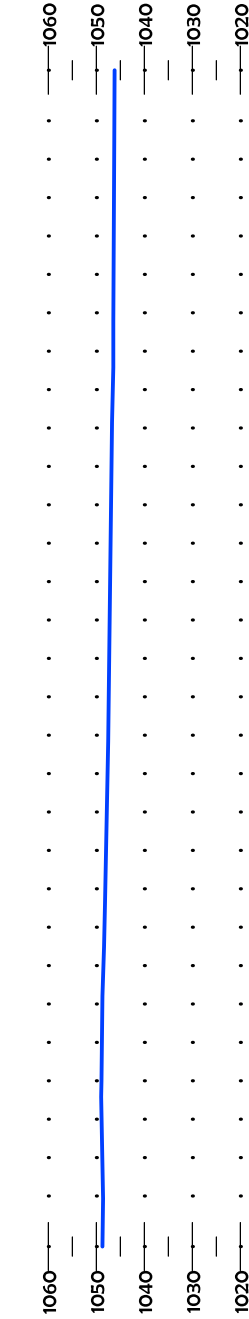
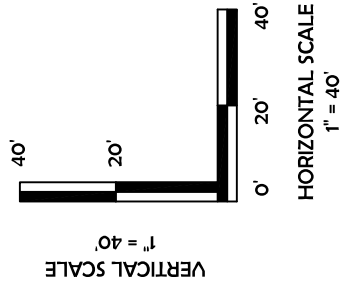
EXHIBIT: G
SHEET: 8.5x11
SHL: 9-2S-3W
BHL-1: 4-2S-3W



PROPOSED ACCESS ROAD = 245' | 14.85 RODS (TOTAL)

Well SH-1: THUNDERBALL 1-9-4XHM

- * 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.



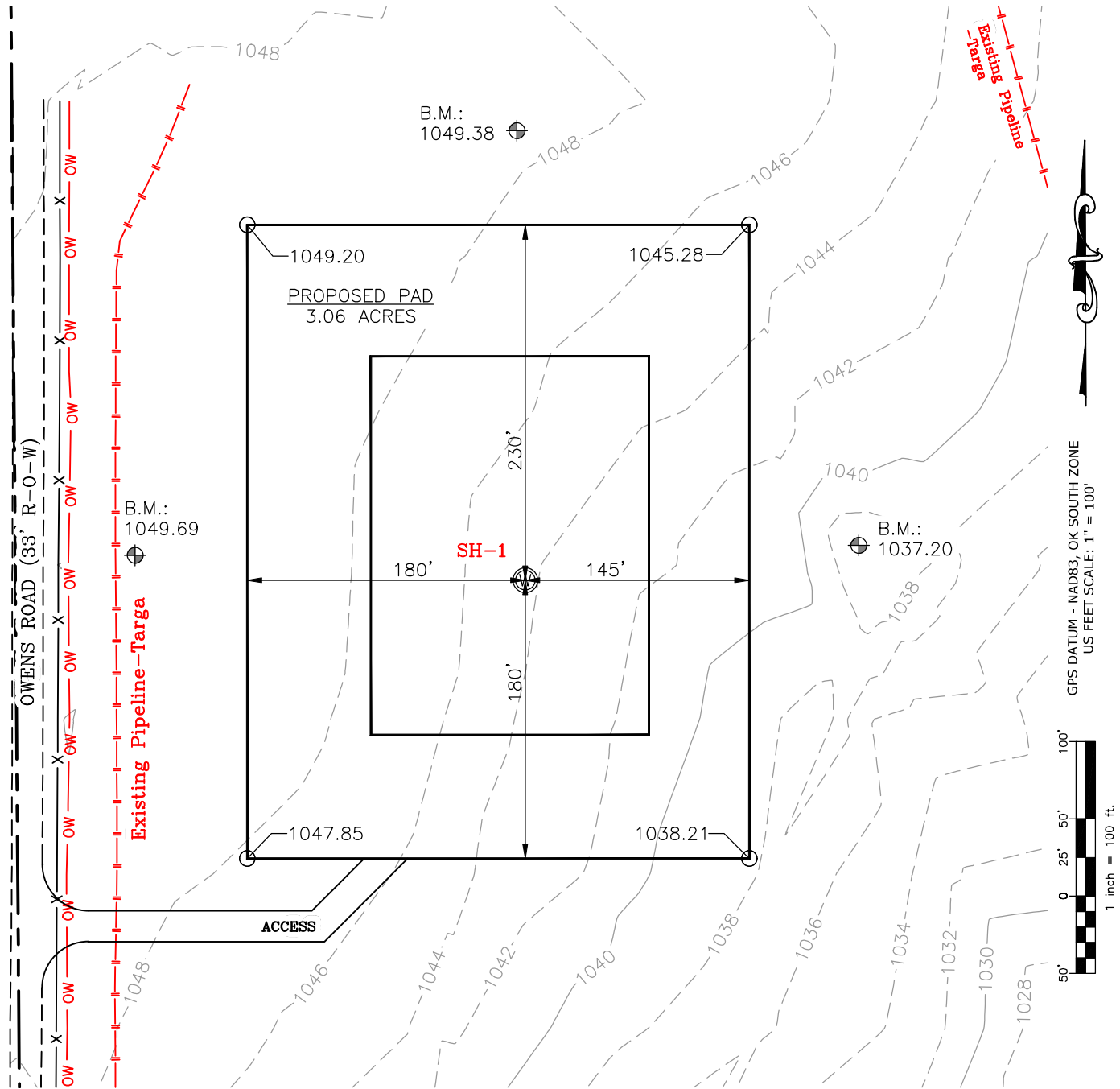
CURRENT REV.: 1

Prepared By:	PSLS		LEASE ROAD		DRAWN BY:		HDG		SCALE:		AS NOTED	
	14612 Bogert Parkway Oklahoma City, OK 73134		P.O. Box 26900 Oklahoma City, Oklahoma, 73126 (T) 1-800-256-8955 (F) 405-234-9253		CHECKED BY:		MJL		JOB No.:		--	
			Continental RESOURCES		APPROVED BY:		--		DWG. NO.:		P&P	
			PROFILE		DATE ISSUED:		05-16-22		SHEET:		2 OF 4	

EXHIBIT: H
SHEET: 8.5x11
SHL: 9-2S-3W
BHL-1: 4-2S-3W



Well SH-1: THUNDERBALL 1-9-4XHM



CURRENT REV.: 1

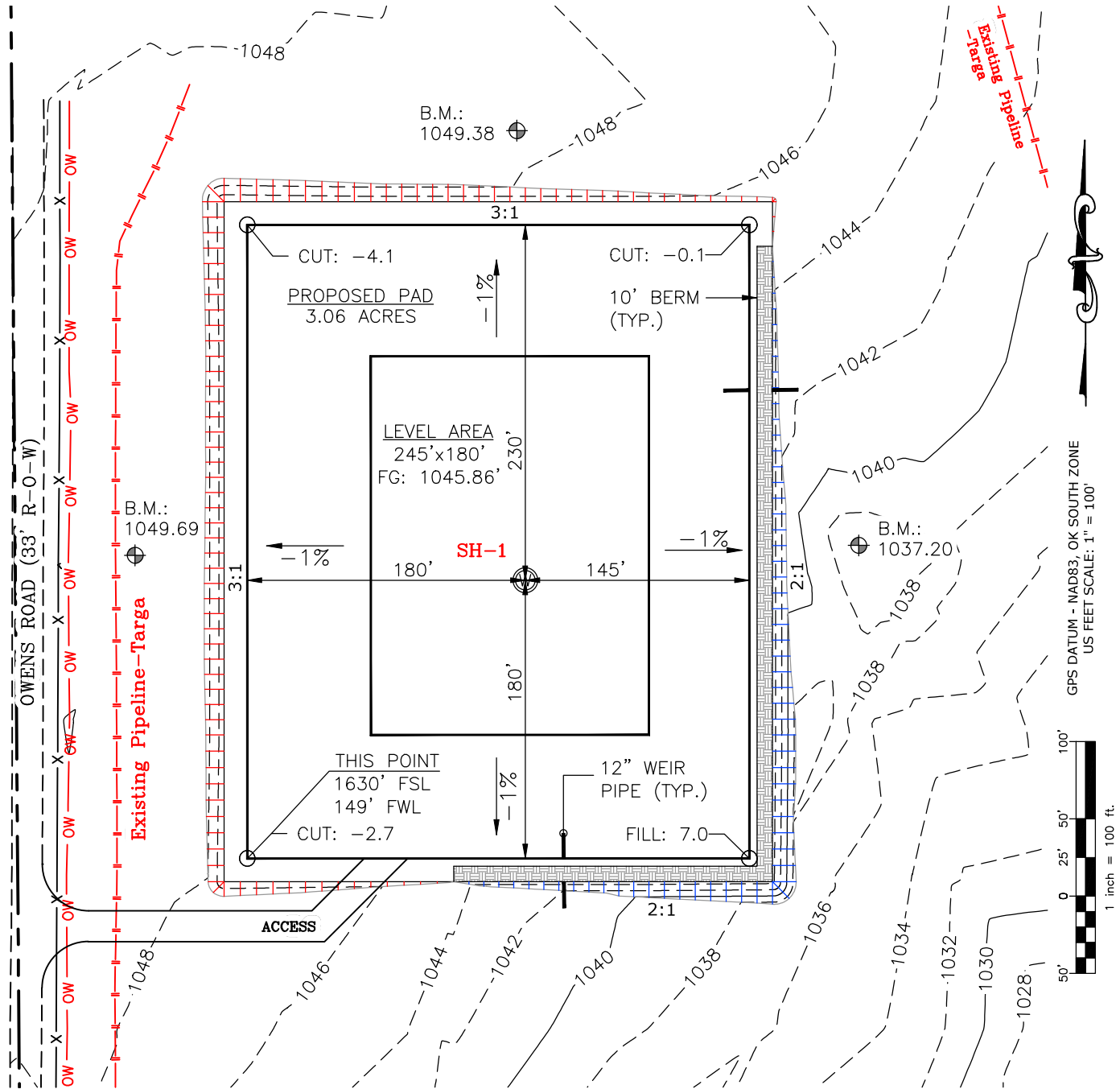
Prepared By: PSLS 14612 Bogert Parkway. Oklahoma City, OK 73134	EXISTING GRADING PLAN	DRAWN BY:	HDG	SCALE:	1" = 100'
		CHECKED BY:	MJL	JOB No.:	--
		APPROVED BY:	--	DWG. NO.:	EX-GR.
		DATE ISSUED:	05-16-22	SHEET:	3 OF 4

EXHIBIT: _____
SHEET: 8.5x11
SHL: 9-2S-3W
BHL-1: 4-2S-3W



Well SH-1: THUNDERBALL 1-9-4XHM

TOTAL PROPOSED DISTURBED AREA: 3.94 ACRES



CUT VOLUME 6266.54 CU. YD. | 6" OF STRIPPED TOP SOIL: 3,175.37 CU. YD.
FILL VOLUME 6268.74 CU. YD. | BERM LENGTH: 607' (406.69 CU. YD.)

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

CURRENT REV.: 1

Prepared By: PSLS 14612 Bogert Parkway. 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:	05-16-22	SHEET:	4 OF 4

EXHIBIT "A"

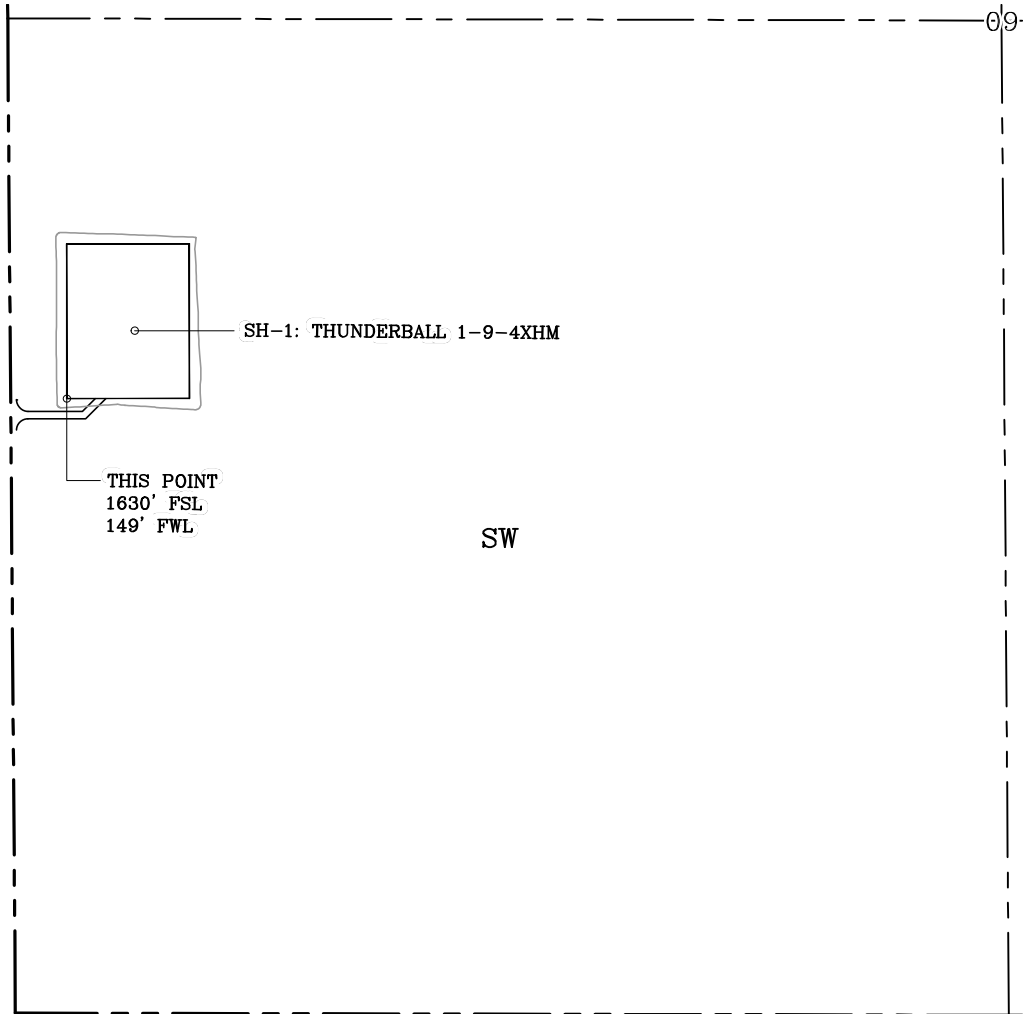
TABLE OF QUANTITIES

DISTURBED AREA = 3.94 ACRES
ACCESS ROAD = ±245'

LOCATED ON THE LANDS OF:

DENNIS A. CAMP

PART OF SW/4 SEC 9-2S-3W
CARTER COUNTY, OKLAHOMA



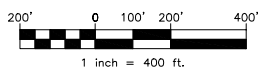
GENERAL NOTES:

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 BOGERT PARKWAY
Oklahoma City, OK 73134

Drawn By:	HDG	Date:	05-16-22
Checked By:	MJL	Scale:	1" = 400'
Sheet Size:	8.5x14	Sheet No.	1 of 1
REV.	Description	Date	
0	ISSUED FOR APPROVAL	05-12-22	
1	REV'D WELL NAME	05-16-22	