

ANADARKO E&P ONSHORE LLC

A subsidiary of Occidental Petroleum Corporation

5 Greenway Plaza, Suite 110, Houston, TX 77046
P.O. Box 4294, Houston, TX 77210-4294

June 17, 2024

Permian Delaware Enterprises Holdings LLC
Attn: Land Department
600 W. Illinois Avenue
Midland, Texas 79701***VIA E-mail***Re: **Well Proposal– Moosehorn 54-1-41-44 G 61H, H 62H, I 63H, J 64H, K 65H, L 66H, M 71H, and N 72H**
Sections 41 & 44, Block 54 T1, T&P RR Co. Survey
Loving County, Texas

Dear Working Interest Owner:

Pursuant to the terms and conditions of that certain proposed Joint Operating Agreement dated June 1, 2023, Anadarko E&P Onshore LLC (“Anadarko”), as Operator, hereby proposes the drilling, completion, and equipping of the below referenced wells.

Enclosed please find the following:

- An Authority for Expenditure (“AFE”) reflecting PDEH’s estimated completed well cost. Note this is only an estimate and actual cost may be more or less than this AFE;
- A plat depicting the proposed surface and bottom-hole locations of the Well.

Indicate your election below and return a physical copy to the undersigned with the executed AFE. Please include any well requirements with the returned election.

WELL NAME	Target Bench	Est. TVD, ft	Est. MD, ft	Approx. SHL Location
MOOSEHORN 54-1-41-44 G 61H	2BSS	9,982	20,738.6	812’ FNL X 2148’ FWL, SEC 41, BLK 54 T1, Loving County, Texas
MOOSEHORN 54-1-41-44 H 62H	2BSS	10,204	20,961.6	812’ FNL X 2178’ FWL, SEC 41, BLK 54 T1, Loving County, Texas
MOOSEHORN 54-1-41-44 I 63H	2BSS	10,004	20,761.6	904’ FNL X 2445’ FEL, SEC 41, BLK 54 T1, Loving County, Texas
MOOSEHORN 54-1-41-44 J 64H	2BSS	10,224	20,981.6	904’ FNL X 2415’ FEL, SEC 41, BLK 54 T1, Loving County, Texas
MOOSEHORN 54-1-41-44 K 65H	2BSS	10,010	20,767.6	749’ FNL X 1196’ FEL, SEC 41, BLK 54 T1, Loving County, Texas
MOOSEHORN 54-1-41-44 L 66H	2BSS	10,241	20,997.6	749’ FNL X 1166’ FEL, SEC 41, BLK 54 T1, Loving County, Texas
MOOSEHORN 54-1-41-44 M 71H	3BSL	10,731	21,488.6	812’ FNL X 2208’ FWL, SEC 41, BLK 54 T1, Loving County, Texas
MOOSEHORN 54-1-41-44 N 72H	3BSL	10,739	21,496.6	749’ FNL X 1255’ FEL, SEC 41, BLK 54 T1, Loving County, Texas

If you have any questions or concerns, please contact me by phone at (979-820-4575) or by email at Darby_Oldham@oxy.com

Respectfully,

Darby Oldham Kent

Darby Oldham Kent
Advisor Land Negotiator

MOOSEHORN 54-1-41-44 G 61H:

_____ The undersigned elects to participate in the proposed drilling and completion of the Moosehorn 54-1-41-44 G 61H.

_____ The undersigned elects **NOT** to participate in the proposed drilling and completion of the Moosehorn 54-1-41-44 G 61H.

MOOSEHORN 54-1-41-44 H 62H:

_____ The undersigned elects to participate in the proposed drilling and completion of the Moosehorn 54-1-41-44 H 62H.

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MOOSEHORN 54-1-41-44 I 63H:

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MOOSEHORN 54-1-41-44 J 64H:

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MOOSEHORN 54-1-41-44 K 65H:

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_____ The undersigned elects **NOT** to participate in the proposed drilling and completion of the Moosehorn 54-1-41-44 K 65H.

MOOSEHORN 54-1-41-44 L 66H:

_____ The undersigned elects to participate in the proposed drilling and completion of the Moosehorn 54-1-41-44 L 66H.

_____ The undersigned elects **NOT** to participate in the proposed drilling and completion of the Moosehorn 54-1-41-44 L 66H.

MOOSEHORN 54-1-41-44 M 71H:

_____ The undersigned elects to participate in the proposed drilling and completion of the Moosehorn 54-1-41-44 M 71H.

_____ The undersigned elects **NOT** to participate in the proposed drilling and completion of the Moosehorn 54-1-41-44 M 71H.

MOOSEHORN 54-1-41-44 N 72H:

_____ The undersigned elects to participate in the proposed drilling and completion of the Moosehorn 54-1-41-44 N 72H.

_____ The undersigned elects **NOT** to participate in the proposed drilling and completion of the Moosehorn 54-1-41-44 N 72H.

WI Owner: PERMIAN DELAWARE ENTERPRISES HOLDINGS LLC

By: _____

Title: _____

Date: _____

ANADARKO E&P ONSHORE
MOOSEHORN 54-1-41-44 G 61H

RMT: PERMAN RESOURCES TEXAS DELAWARE

State & County: TEXAS, LOVING

Field: PHANTOM

Well Type: 10K 2BSS; TVD: 9,982'; MD: 20,739'

Date: 6/15/2024

Code	Element Name	1 Prep Phase	2 Location/Rig Move	3 Drilling	4 P&A	5 Completion	6 Artificial Lift	7 Hookup	8 Facilities
Location, Mobilization, Rig Move									
3010	Major Mob / Demob	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000	\$ -	\$ -
3011	Location & Roads + Maintenance	\$ -	\$ 173,000	\$ -	\$ -	\$ 1,000	\$ 2,000	\$ -	\$ 11,000
3021	Rig Move	\$ -	\$ 168,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Labor, Services & Equipment Rentals									
1000	Employee Wages	\$ -	\$ 12,000	\$ 148,000	\$ -	\$ 101,000	\$ -	\$ -	\$ -
1050	Location Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2004	Contractor Maintenance/Roustabouts	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 5,000	\$ -	\$ -
2017	Contract Supervision	\$ -	\$ 7,000	\$ 82,000	\$ -	\$ 54,000	\$ 8,000	\$ -	\$ -
2019	Contractor HES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2034	Labor services	\$ -	\$ 5,000	\$ 137,000	\$ -	\$ -	\$ -	\$ -	\$ 213,000
3001	Services Hot Oiling	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3002	Services Misc Heavy Equipment	\$ -	\$ -	\$ -	\$ -	\$ 24,000	\$ -	\$ -	\$ -
3003	Fluid Haul	\$ -	\$ -	\$ 111,000	\$ -	\$ 73,000	\$ -	\$ -	\$ -
3005	Services Inspection	\$ -	\$ 1,000	\$ 96,000	\$ -	\$ -	\$ -	\$ -	\$ -
3009	Services Wellhead	\$ -	\$ 2,000	\$ 16,000	\$ -	\$ 13,000	\$ 19,000	\$ -	\$ -
3012	Cased/Open Hole Logging	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3013	Services Coiled Tubing	\$ -	\$ -	\$ -	\$ -	\$ 137,000	\$ -	\$ -	\$ -
3014	Directional Drilling & LWD	\$ -	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -
3015	Fishing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3016	Mud Logging	\$ -	\$ -	\$ 17,000	\$ -	\$ -	\$ -	\$ -	\$ -
3018	Services Perforating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3019	Wire line & Slick line	\$ -	\$ -	\$ -	\$ -	\$ 265,000	\$ -	\$ -	\$ -
3020	Rig Work	\$ -	\$ -	\$ 1,071,000	\$ -	\$ -	\$ 34,000	\$ -	\$ -
3022	Drilling & Completion Fluids	\$ -	\$ 6,000	\$ 103,000	\$ -	\$ -	\$ -	\$ -	\$ -
3023	Cementing	\$ -	\$ -	\$ 172,000	\$ -	\$ -	\$ -	\$ -	\$ -
3024	Services Stimulation	\$ -	\$ -	\$ -	\$ -	\$ 2,011,000	\$ -	\$ -	\$ -
3025	Services Downhole Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3026	Formation Testing and Coring	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3029	Camp & Catering	\$ -	\$ 5,000	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -
3032	Communications & IT	\$ -	\$ 3,000	\$ 37,000	\$ -	\$ -	\$ -	\$ -	\$ -
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3039	Services Fluid Hauling from Site	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4005	Rental Downhole Equipment & Tools	\$ -	\$ 12,000	\$ 244,000	\$ -	\$ -	\$ -	\$ -	\$ -
4007	HES & Industrial waste handling	\$ -	\$ 1,000	\$ 16,000	\$ -	\$ -	\$ -	\$ -	\$ -
4013	Rental Surface Equipment & Tools	\$ -	\$ 16,000	\$ 107,000	\$ -	\$ 539,000	\$ 5,000	\$ -	\$ -
Consu Consumables									
5021	Material Surface Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,000
5023	Wellhead & X-mas tree	\$ -	\$ -	\$ 45,000	\$ -	\$ 11,000	\$ -	\$ -	\$ -
5027	Material Subsurface Lift Equipment Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 82,000	\$ -	\$ -
5028	Casing and Casing Accessories	\$ -	\$ -	\$ 1,606,000	\$ -	\$ -	\$ -	\$ -	\$ -
5029	Material Tubing and Accs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 192,000	\$ -	\$ -
5500	Material Consumables	\$ -	\$ -	\$ 14,000	\$ -	\$ 617,000	\$ -	\$ -	\$ -
5502	Drilling Fluids Products	\$ -	\$ -	\$ 255,000	\$ -	\$ 3,000	\$ -	\$ -	\$ -
5503	Bits, Reamers, Scrapers, HO's	\$ -	\$ -	\$ 73,000	\$ -	\$ -	\$ -	\$ -	\$ -
5505	Fuel & Lubricants	\$ -	\$ 14,000	\$ 167,000	\$ -	\$ -	\$ -	\$ -	\$ -
7004	Utilities: Electricity, Water & Sewers & Trasl	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Logistics, Insurance & Tax									
8000	Land Transportation	\$ -	\$ 2,000	\$ 44,000	\$ -	\$ 15,000	\$ 4,000	\$ -	\$ 14,000
8102	Tax & contingency	\$ -	\$ 13,000	\$ 533,000	\$ -	\$ 28,000	\$ 29,000	\$ -	\$ 176,000
8918	Permits/Settlements/Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8921	Waste Handling and Disp	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,000	\$ -	\$ -
8945	Loss & Loss Expenses Paid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9999	Other Costs	\$ -	\$ 310,000	\$ (310,000)	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal		\$ -	\$ 750,000	\$ 5,154,000	\$ -	\$ 4,282,000	\$ 390,000	\$ -	\$ 764,000

Signature:

Company:

Printed Name:

Title:

Date:Approval% WI

This AFE is only an estimate. By signing, you agree to pay your proportional share of the actual costs incurred.

Total Drilling (1+2+3):\$5,904,000

Total Completion (5+6):\$4,672,000

Total Facilities (7+8):\$764,000

Total Well Cost (1+2+3+4+5+6+7+8):\$11,340,000

Garrett Granier - Drilling Engr Supervisor

Macario Rincon/Greg Caraway - Completion Engr Supervisor

Kevin Threadgill - Drilling Manager

Christopher Winter - Completions Manager

Noorbahiyah Pavlicek - Production Manager

Ashley Bodin - Project Manager

Darby Oldham - Land Negotiator

ANADARKO E&P ONSHORE
MOOSEHORN 54-1-41-44 H 62H

RMT:	PERMAN RESOURCES TEXAS DELAWARE
State & County:	TEXAS, LOVING
Field:	PHANTOM
Well Type:	10K 2BSS; TVD: 10,204' ; MD: 20,962'
Date:	6/15/2024

Code	Element Name	1 Prep Phase	2 Location/Rig Move	3 Drilling	4 P&A	5 Completion	6 Artificial Lift	7 Hookup	8 Facilities
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<div>ANADARKO E&P ONSHORE</div> <div>MOOSEHORN 54-1-41-44 I 63H</div>								RMT:	PERMAN RESOURCES TEXAS DELAWARE
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8918	Permits/Settlements/Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8921	Waste Handling and Disp	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,000	\$ -	\$ -
8945	Loss & Loss Expenses Paid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9999	Other Costs	\$ -	\$ 310,000	\$ (310,000)	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal		\$ -	\$ 750,000	\$ 5,154,000	\$ -	\$ 4,282,000	\$ 390,000	\$ -	\$ 764,000

Signature:

Company:

Printed Name:

Title:

Date:

Approval

% WI

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Total Completion (5+6):	\$ 4,672,000
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ANADARKO E&P ONSHORE
MOOSEHORN 54-1-41-44 J 64H

RMT:	PERMAN RESOURCES TEXAS DELAWARE
State & County:	TEXAS, LOVING
Field:	PHANTOM
Well Type:	10K 2BSS; TVD: 10,224' ; MD: 20,982'
Date:	6/15/2024

Code	Element Name	1 Prep Phase	2 Location/Rig Move	3 Drilling	4 P&A	5 Completion	6 Artificial Lift	7 Hookup	8 Facilities
Location, Mobilization, Rig Move									
3010	Major Mob / Demob	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000	\$ -	\$ -
3011	Location & Roads + Maintenance	\$ -	\$ 173,000	\$ -	\$ -	\$ 1,000	\$ 2,000	\$ -	\$ 11,000
3021	Rig Move	\$ -	\$ 168,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Labor, Services & Equipment Rentals									
1000	Employee Wages	\$ -	\$ 12,000	\$ 148,000	\$ -	\$ 101,000	\$ -	\$ -	\$ -
1050	Location Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2004	Contractor Maintenance/Roustabouts	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 5,000	\$ -	\$ -
2017	Contract Supervision	\$ -	\$ 7,000	\$ 82,000	\$ -	\$ 54,000	\$ 8,000	\$ -	\$ -
2019	Contractor HES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2034	Labor services	\$ -	\$ 5,000	\$ 137,000	\$ -	\$ -	\$ -	\$ -	\$ 213,000
3001	Services Hot Oiling	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3002	Services Misc Heavy Equipment	\$ -	\$ -	\$ -	\$ -	\$ 24,000	\$ -	\$ -	\$ -
3003	Fluid Haul	\$ -	\$ -	\$ 111,000	\$ -	\$ 73,000	\$ -	\$ -	\$ -
3005	Services Inspection	\$ -	\$ 1,000	\$ 96,000	\$ -	\$ -	\$ -	\$ -	\$ -
3009	Services Wellhead	\$ -	\$ 2,000	\$ 16,000	\$ -	\$ 13,000	\$ 19,000	\$ -	\$ -
3012	Cased/Open Hole Logging	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3013	Services Coiled Tubing	\$ -	\$ -	\$ -	\$ -	\$ 137,000	\$ -	\$ -	\$ -
3014	Directional Drilling & LWD	\$ -	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -
3015	Fishing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3016	Mud Logging	\$ -	\$ -	\$ 17,000	\$ -	\$ -	\$ -	\$ -	\$ -
3018	Services Perforating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3019	Wire line & Slick line	\$ -	\$ -	\$ -	\$ -	\$ 265,000	\$ -	\$ -	\$ -
3020	Rig Work	\$ -	\$ -	\$ 1,071,000	\$ -	\$ -	\$ 34,000	\$ -	\$ -
3022	Drilling & Completion Fluids	\$ -	\$ 6,000	\$ 103,000	\$ -	\$ -	\$ -	\$ -	\$ -
3023	Cementing	\$ -	\$ -	\$ 172,000	\$ -	\$ -	\$ -	\$ -	\$ -
3024	Services Stimulation	\$ -	\$ -	\$ -	\$ -	\$ 2,011,000	\$ -	\$ -	\$ -
3025	Services Downhole Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3026	Formation Testing and Coring	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3029	Camp & Catering	\$ -	\$ 5,000	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -
3032	Communications & IT	\$ -	\$ 3,000	\$ 37,000	\$ -	\$ -	\$ -	\$ -	\$ -
3035	Services Disposal	\$ -	\$ -	\$ -	\$ -	\$ 375,000	\$ -	\$ -	\$ -
3039	Services Fluid Hauling from Site	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4005	Rental Downhole Equipment & Tools	\$ -	\$ 12,000	\$ 244,000	\$ -	\$ -	\$ -	\$ -	\$ -
4007	HES & Industrial waste handling	\$ -	\$ 1,000	\$ 16,000	\$ -	\$ -	\$ -	\$ -	\$ -
4013	Rental Surface Equipment & Tools	\$ -	\$ 16,000	\$ 107,000	\$ -	\$ 539,000	\$ 5,000	\$ -	\$ -
Consur Consumables									
5021	Material Surface Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,000
5023	Wellhead & X-mas tree	\$ -	\$ -	\$ 45,000	\$ -	\$ 11,000	\$ -	\$ -	\$ -
5027	Material Subsurface Lift Equipment Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 82,000	\$ -	\$ -
5028	Casing and Casing Accessories	\$ -	\$ -	\$ 1,606,000	\$ -	\$ -	\$ -	\$ -	\$ -
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5500	Material Consumables	\$ -	\$ -	\$ 14,000	\$ -	\$ 617,000	\$ -	\$ -	\$ -
5502	Drilling Fluids Products	\$ -	\$ -	\$ 255,000	\$ -	\$ 3,000	\$ -	\$ -	\$ -
5503	Bits, Reamers, Scrapers, HO's	\$ -	\$ -	\$ 73,000	\$ -	\$ -	\$ -	\$ -	\$ -
5505	Fuel & Lubricants	\$ -	\$ 14,000	\$ 167,000	\$ -	\$ -	\$ -	\$ -	\$ -
7004	Utilities: Electricity, Water & Sewers & Trash	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Logistics, Insurance & Tax									
8000	Land Transportation	\$ -	\$ 2,000	\$ 44,000	\$ -	\$ 15,000	\$ 4,000	\$ -	\$ 14,000
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8918	Permits/Settlements/Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8921	Waste Handling and Disp	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,000	\$ -	\$ -
8945	Loss & Loss Expenses Paid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9999	Other Costs	\$ -	\$ 310,000	\$ (310,000)	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal		\$ -	\$ 750,000	\$ 5,154,000	\$ -	\$ 4,282,000	\$ 390,000	\$ -	\$ 764,000

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Company:	
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ANADARKO E&P ONSHORE
MOOSEHORN 54-1-41-44 K 65H

RMT:	PERMAN RESOURCES TEXAS DELAWARE
State & County:	TEXAS, LOVING
Field:	PHANTOM
Well Type:	10K 2BSS; TVD: 10,010' ; MD: 20,768'
Date:	6/15/2024

Code	Element Name	1 Prep Phase	2 Location/Rig Move	3 Drilling	4 P&A	5 Completion	6 Artificial Lift	7 Hookup	8 Facilities
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2019	Contractor HES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2034	Labor services	\$ -	\$ 5,000	\$ 137,000	\$ -	\$ -	\$ -	\$ -	\$ 213,000
3001	Services Hot Oiling	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3002	Services Misc Heavy Equipment	\$ -	\$ -	\$ -	\$ -	\$ 24,000	\$ -	\$ -	\$ -
3003	Fluid Haul	\$ -	\$ -	\$ 111,000	\$ -	\$ 73,000	\$ -	\$ -	\$ -
3005	Services Inspection	\$ -	\$ 1,000	\$ 96,000	\$ -	\$ -	\$ -	\$ -	\$ -
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3012	Cased/Open Hole Logging	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3013	Services Coiled Tubing	\$ -	\$ -	\$ -	\$ -	\$ 137,000	\$ -	\$ -	\$ -
3014	Directional Drilling & LWD	\$ -	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -
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3016	Mud Logging	\$ -	\$ -	\$ 17,000	\$ -	\$ -	\$ -	\$ -	\$ -
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9999	Other Costs	\$ -	\$ 310,000	\$ (310,000)	\$ -	\$ -	\$ -	\$ -	\$ -
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	ANADARKO E&P ONSHORE MOOSEHORN 54-1-41-44 L 66H	RMT:	PERMAN RESOURCES TEXAS DELAWARE
		State & County:	TEXAS, LOVING
		Field:	PHANTOM
		Well Type:	10K 2BSS; TVD: 10,241 ' ; MD: 20,998'
		Date:	6/15/2024

Code	Element Name	1 Prep Phase	2 Location/Rig Move	3 Drilling	4 P&A	5 Completion	6 Artificial Lift	7 Hookup	8 Facilities
Location, Mobilization, Rig Move									
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	ANADARKO E&P ONSHORE MOOSEHORN 54-1-41-44 M 71H	RMT:	PERMAN RESOURCES TEXAS DELAWARE
		State & County:	TEXAS, LOVING
		Field:	PHANTOM
		Well Type:	10K 2BSS; TVD: 10,731' ; MD: 21,489'
		Date:	6/15/2024

Code	Element Name	1 Prep Phase	2 Location/Rig Move	3 Drilling	4 P&A	5 Completion	6 Artificial Lift	7 Hookup	8 Facilities
Location, Mobilization, Rig Move									
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3009	Services Wellhead	\$ -	\$ 2,000	\$ 16,000	\$ -	\$ 13,000	\$ 18,000	\$ -	\$ -
3012	Cased/Open Hole Logging	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3013	Services Coiled Tubing	\$ -	\$ -	\$ -	\$ -	\$ 137,000	\$ -	\$ -	\$ -
3014	Directional Drilling & LWD	\$ -	\$ -	\$ 366,000	\$ -	\$ -	\$ -	\$ -	\$ -
3015	Fishing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3016	Mud Logging	\$ -	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ -
3018	Services Perforating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3019	Wire line & Slick line	\$ -	\$ -	\$ -	\$ -	\$ 283,000	\$ -	\$ -	\$ -
3020	Rig Work	\$ -	\$ -	\$ 961,000	\$ -	\$ -	\$ 32,000	\$ -	\$ -
3022	Drilling & Completion Fluids	\$ -	\$ 6,000	\$ 91,000	\$ -	\$ -	\$ -	\$ -	\$ -
3023	Cementing	\$ -	\$ -	\$ 178,000	\$ -	\$ -	\$ -	\$ -	\$ -
3024	Services Stimulation	\$ -	\$ -	\$ -	\$ -	\$ 2,353,000	\$ -	\$ -	\$ -
3025	Services Downhole Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3026	Formation Testing and Coring	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3029	Camp & Catering	\$ -	\$ 5,000	\$ 18,000	\$ -	\$ -	\$ -	\$ -	\$ -
3032	Communications & IT	\$ -	\$ 3,000	\$ 32,000	\$ -	\$ -	\$ -	\$ -	\$ -
3035	Services Disposal	\$ -	\$ -	\$ -	\$ -	\$ 375,000	\$ -	\$ -	\$ -
3039	Services Fluid Hauling from Site	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4005	Rental Downhole Equipment & Tools	\$ -	\$ 12,000	\$ 220,000	\$ -	\$ -	\$ -	\$ -	\$ -
4007	HES & Industrial waste handling	\$ -	\$ 1,000	\$ 14,000	\$ -	\$ -	\$ -	\$ -	\$ -
4013	Rental Surface Equipment & Tools	\$ -	\$ 16,000	\$ 93,000	\$ -	\$ 576,000	\$ 5,000	\$ -	\$ -
Consur Consumables									
5021	Material Surface Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,000
5023	Wellhead & X-mas tree	\$ -	\$ -	\$ 45,000	\$ -	\$ 11,000	\$ -	\$ -	\$ -
5027	Material Subsurface Lift Equipment Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 76,000	\$ -	\$ -
5028	Casing and Casing Accessories	\$ -	\$ -	\$ 1,739,000	\$ -	\$ -	\$ -	\$ -	\$ -
5029	Material Tubing and Accs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 178,000	\$ -	\$ -
5500	Material Consumables	\$ -	\$ -	\$ 14,000	\$ -	\$ 740,000	\$ -	\$ -	\$ -
5502	Drilling Fluids Products	\$ -	\$ -	\$ 254,000	\$ -	\$ 3,000	\$ -	\$ -	\$ -
5503	Bits, Reamers, Scrapers, HO's	\$ -	\$ -	\$ 73,000	\$ -	\$ -	\$ -	\$ -	\$ -
5505	Fuel & Lubricants	\$ -	\$ 14,000	\$ 147,000	\$ -	\$ -	\$ -	\$ -	\$ -
7004	Utilities: Electricity, Water & Sewers & Trash	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Logistics, Insurance & Tax									
8000	Land Transportation	\$ -	\$ 2,000	\$ 42,000	\$ -	\$ 15,000	\$ 4,000	\$ -	\$ 14,000
8102	Tax & contingency	\$ -	\$ 13,000	\$ 528,000	\$ -	\$ 28,000	\$ 27,000	\$ -	\$ 176,000
8918	Permits/Settlements/Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8921	Waste Handling and Disp	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,000	\$ -	\$ -
8945	Loss & Loss Expenses Paid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9999	Other Costs	\$ -	\$ 310,000	\$ (310,000)	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal		\$ -	\$ 750,000	\$ 5,088,000	\$ -	\$ 4,812,000	\$ 363,000	\$ -	\$ 764,000

Signature:	
Company:	
Printed Name:	
Title:	
Date:	Approval % WI
This AFE is only an estimate. By signing, you agree to pay your proportional share of the actual costs incurred.	

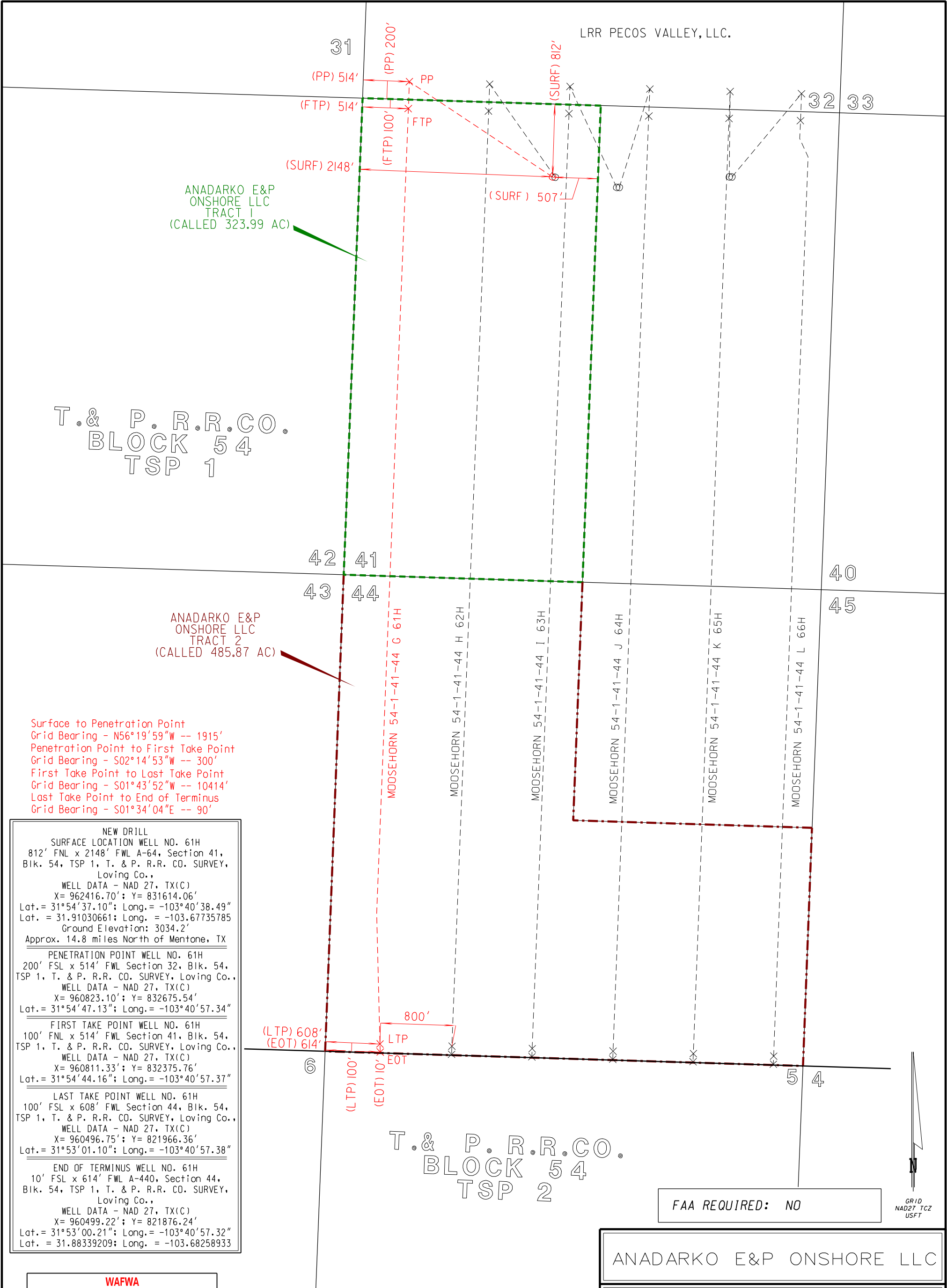
Total Drilling (1+2+3):	\$ 5,838,000
Total Completion (5+6):	\$ 5,175,000
Total Facilities (7+8):	\$ 764,000
Total Well Cost (1+2+3+4+5+6+7+8):	\$ 11,777,000
Garrett Granier - Drilling Engr Supervisor Macario Rincon/Greg Caraway - Completion Engr Supervisor Kevin Threadgill - Drilling Manager Christopher Winter - Completions Manager Noorbahiyah Pavlicek - Production Manager Ashley Bodin - Project Manager Darby Oldham - Land Negotiator	

	ANADARKO E&P ONSHORE MOOSEHORN 54-1-41-44 N 72H	RMT:	PERMAN RESOURCES TEXAS DELAWARE
		State & County:	TEXAS, LOVING
		Field:	PHANTOM
		Well Type:	10K 2BSS; TVD: 10,739' ; MD: 21,497'
		Date:	6/15/2024

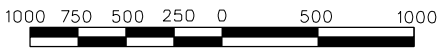
Code	Element Name	1 Prep Phase	2 Location/Rig Move	3 Drilling	4 P&A	5 Completion	6 Artificial Lift	7 Hookup	8 Facilities
Location, Mobilization, Rig Move									
3010	Major Mob / Demob	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000	\$ -	\$ -
3011	Location & Roads + Maintenance	\$ -	\$ 173,000	\$ -	\$ -	\$ 1,000	\$ 2,000	\$ -	\$ 11,000
3021	Rig Move	\$ -	\$ 168,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Labor, Services & Equipment Rentals									
1000	Employee Wages	\$ -	\$ 12,000	\$ 130,000	\$ -	\$ 101,000	\$ -	\$ -	\$ -
1050	Location Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2004	Contractor Maintenance/Roustabouts	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 4,000	\$ -	\$ -
2017	Contract Supervision	\$ -	\$ 7,000	\$ 72,000	\$ -	\$ 60,000	\$ 8,000	\$ -	\$ -
2019	Contractor HES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2034	Labor services	\$ -	\$ 5,000	\$ 134,000	\$ -	\$ -	\$ -	\$ -	\$ 213,000
3001	Services Hot Oiling	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3002	Services Misc Heavy Equipment	\$ -	\$ -	\$ -	\$ -	\$ 24,000	\$ -	\$ -	\$ -
3003	Fluid Haul	\$ -	\$ -	\$ 124,000	\$ -	\$ 77,000	\$ -	\$ -	\$ -
3005	Services Inspection	\$ -	\$ 1,000	\$ 92,000	\$ -	\$ -	\$ -	\$ -	\$ -
3009	Services Wellhead	\$ -	\$ 2,000	\$ 16,000	\$ -	\$ 13,000	\$ 18,000	\$ -	\$ -
3012	Cased/Open Hole Logging	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3013	Services Coiled Tubing	\$ -	\$ -	\$ -	\$ -	\$ 137,000	\$ -	\$ -	\$ -
3014	Directional Drilling & LWD	\$ -	\$ -	\$ 366,000	\$ -	\$ -	\$ -	\$ -	\$ -
3015	Fishing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3016	Mud Logging	\$ -	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ -
3018	Services Perforating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3019	Wire line & Slick line	\$ -	\$ -	\$ -	\$ -	\$ 283,000	\$ -	\$ -	\$ -
3020	Rig Work	\$ -	\$ -	\$ 961,000	\$ -	\$ -	\$ 32,000	\$ -	\$ -
3022	Drilling & Completion Fluids	\$ -	\$ 6,000	\$ 91,000	\$ -	\$ -	\$ -	\$ -	\$ -
3023	Cementing	\$ -	\$ -	\$ 178,000	\$ -	\$ -	\$ -	\$ -	\$ -
3024	Services Stimulation	\$ -	\$ -	\$ -	\$ -	\$ 2,353,000	\$ -	\$ -	\$ -
3025	Services Downhole Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3026	Formation Testing and Coring	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3029	Camp & Catering	\$ -	\$ 5,000	\$ 18,000	\$ -	\$ -	\$ -	\$ -	\$ -
3032	Communications & IT	\$ -	\$ 3,000	\$ 32,000	\$ -	\$ -	\$ -	\$ -	\$ -
3035	Services Disposal	\$ -	\$ -	\$ -	\$ -	\$ 375,000	\$ -	\$ -	\$ -
3039	Services Fluid Hauling from Site	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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4013	Rental Surface Equipment & Tools	\$ -	\$ 16,000	\$ 93,000	\$ -	\$ 576,000	\$ 5,000	\$ -	\$ -
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5023	Wellhead & X-mas tree	\$ -	\$ -	\$ 45,000	\$ -	\$ 11,000	\$ -	\$ -	\$ -
5027	Material Subsurface Lift Equipment Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 76,000	\$ -	\$ -
5028	Casing and Casing Accessories	\$ -	\$ -	\$ 1,739,000	\$ -	\$ -	\$ -	\$ -	\$ -
5029	Material Tubing and Accs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 178,000	\$ -	\$ -
5500	Material Consumables	\$ -	\$ -	\$ 14,000	\$ -	\$ 740,000	\$ -	\$ -	\$ -
5502	Drilling Fluids Products	\$ -	\$ -	\$ 254,000	\$ -	\$ 3,000	\$ -	\$ -	\$ -
5503	Bits, Reamers, Scrapers, HO's	\$ -	\$ -	\$ 73,000	\$ -	\$ -	\$ -	\$ -	\$ -
5505	Fuel & Lubricants	\$ -	\$ 14,000	\$ 147,000	\$ -	\$ -	\$ -	\$ -	\$ -
7004	Utilities: Electricity, Water & Sewers & Trash	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Logistics, Insurance & Tax									
8000	Land Transportation	\$ -	\$ 2,000	\$ 42,000	\$ -	\$ 15,000	\$ 4,000	\$ -	\$ 14,000
8102	Tax & contingency	\$ -	\$ 13,000	\$ 528,000	\$ -	\$ 28,000	\$ 27,000	\$ -	\$ 176,000
8918	Permits/Settlements/Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8921	Waste Handling and Disp	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,000	\$ -	\$ -
8945	Loss & Loss Expenses Paid	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9999	Other Costs	\$ -	\$ 310,000	\$ (310,000)	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal		\$ -	\$ 750,000	\$ 5,088,000	\$ -	\$ 4,812,000	\$ 363,000	\$ -	\$ 764,000

Signature:		
Company:		
Printed Name:		
Title:		
Date:	Approval	% WI
This AFE is only an estimate. By signing, you agree to pay your proportional share of the actual costs incurred.		

Total Drilling (1+2+3):	\$ 5,838,000
Total Completion (5+6):	\$ 5,175,000
Total Facilities (7+8):	\$ 764,000
Total Well Cost (1+2+3+4+5+6+7+8):	\$ 11,777,000
Garrett Granier - Drilling Engr Supervisor Macario Rincon/Greg Caraway - Completion Engr Supervisor Kevin Threadgill - Drilling Manager Christopher Winter - Completions Manager Noorbahiyah Pavlicek - Production Manager Ashley Bodin - Project Manager Darby Oldham - Land Negotiator	



WAFWA	
MOOSEHORN 54-1-41-44 G 61H	
NAD 83 LAT (DD)	NAD 83 LONG (DD)
N/A	N/A



SCALE IN FEET
SCALE: 1" = 1000'

I, BRYON W. CAREY hereby certify that this plat,
drawn to the scale indicated, accurately represents
conditions as they actually exist on the property
on which permit to drill is sought and correctly
reflects all pertinent data required to be shown on
such plat by orders of the Railroad Commission of Texas.

Bryon W. Carey
Date: 04/08/2024

FIELD: SANDBAR (BONE SPRING)

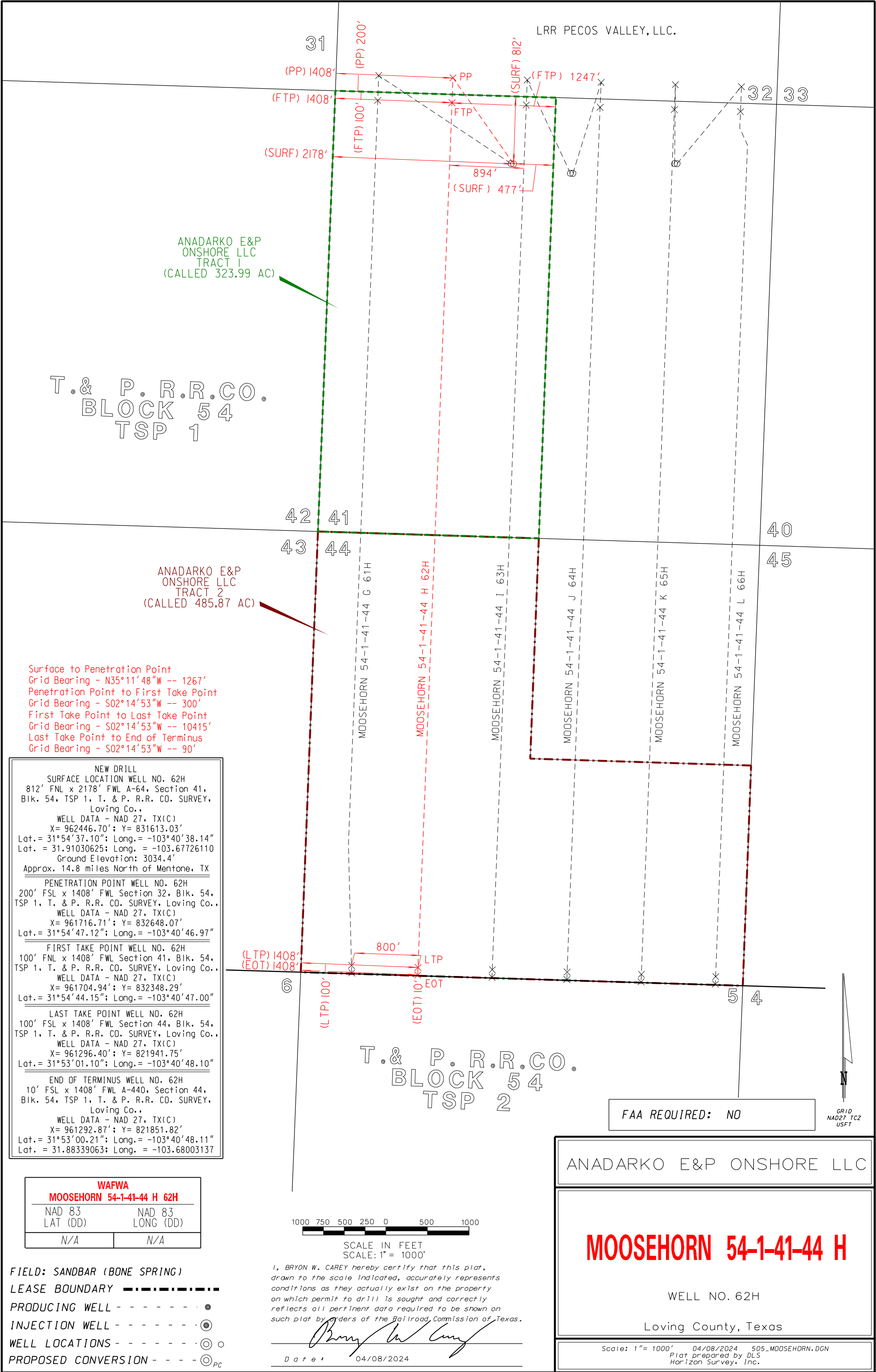
LEASE BOUNDARY - - - - -

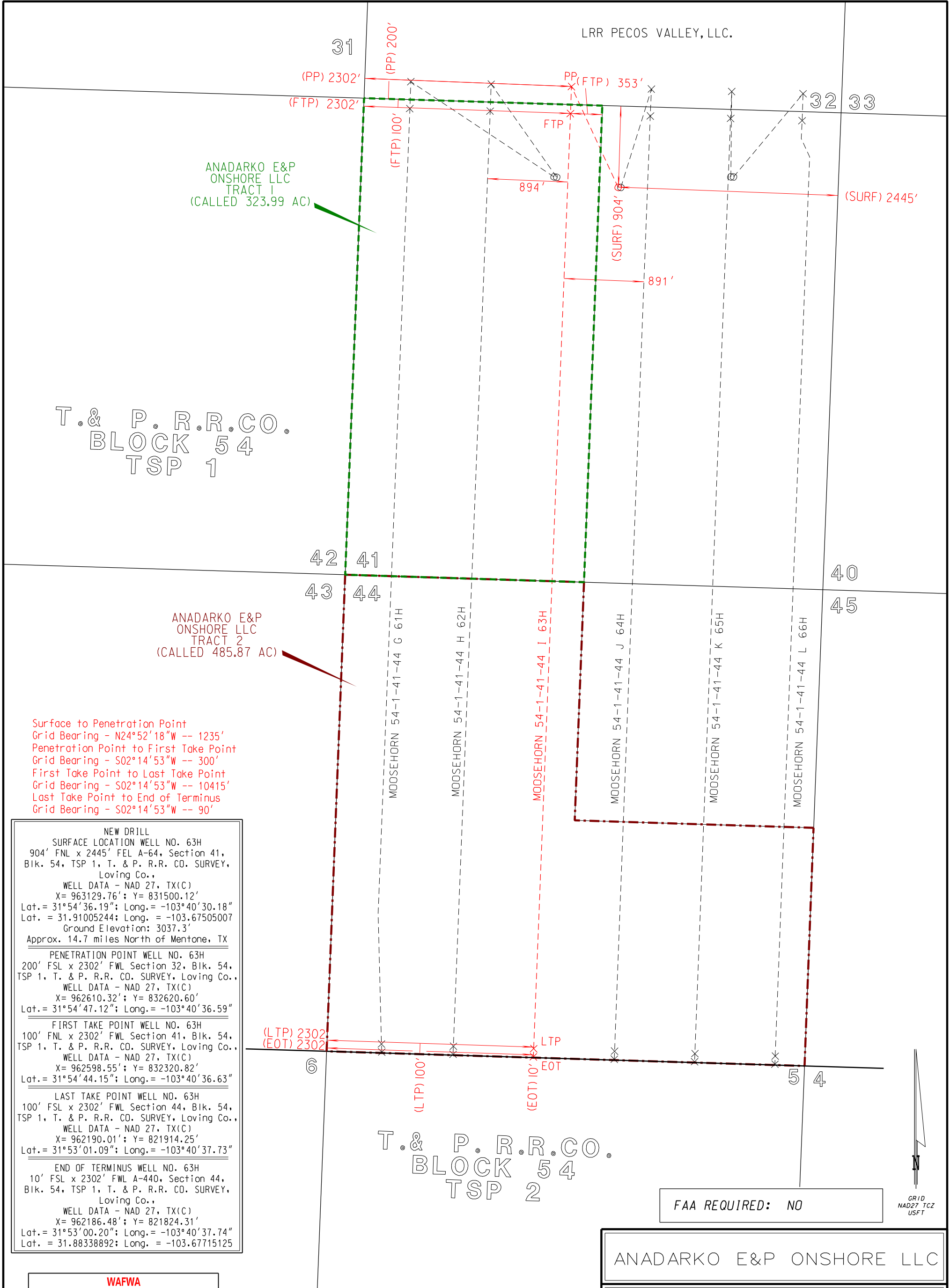
PRODUCING WELL - - - - - ●

INJECTION WELL - - - - - ●

WELL LOCATIONS - - - - - ● ○

PROPOSED CONVERSION - - - - - ●_{PC}





NEW DRILL
SURFACE LOCATION WELL NO. 63H
904' FNL x 2445' FEL A-64, Section 41,
Blk. 54, TSP 1, T. & P. R.R. CO. SURVEY,
Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 963129.76'; Y= 831500.12'
Lat.= 31°54'36.19"; Long.= -103°40'30.18"
Lat.= 31.91005244; Long.= -103.67505007
Ground Elevation: 3037.3'
Approx. 14.7 miles North of Mentone, TX

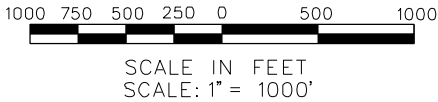
PENETRATION POINT WELL NO. 63H
200' FSL x 2302' FWL Section 32, Blk. 54,
TSP 1, T. & P. R.R. CO. SURVEY, Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 962610.32'; Y= 832620.60'
Lat.= 31°54'47.12"; Long.= -103°40'36.59"

FIRST TAKE POINT WELL NO. 63H
100' FNL x 2302' FWL Section 41, Blk. 54,
TSP 1, T. & P. R.R. CO. SURVEY, Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 962598.55'; Y= 832320.82'
Lat.= 31°54'44.15"; Long.= -103°40'36.63"

LAST TAKE POINT WELL NO. 63H
100' FSL x 2302' FWL Section 44, Blk. 54,
TSP 1, T. & P. R.R. CO. SURVEY, Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 962190.01'; Y= 821914.25'
Lat.= 31°53'01.09"; Long.= -103°40'37.73"

END OF TERMINUS WELL NO. 63H
10' FSL x 2302' FWL A-440, Section 44,
Blk. 54, TSP 1, T. & P. R.R. CO. SURVEY,
Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 962186.48'; Y= 821824.31'
Lat.= 31°53'00.20"; Long.= -103°40'37.74"
Lat.= 31.88338892; Long.= -103.67715125

WAFWA	
MOOSEHORN 54-1-41-44 I 63H	
NAD 83 LAT (DD)	NAD 83 LONG (DD)
N/A	N/A



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on which permit to drill is sought and correctly
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such plat by orders of the Railroad Commission of Texas.

Bryon W. Carey
Date: 04/08/2024

FAA REQUIRED: NO

ANADARKO E&P ONSHORE LLC

MOOSEHORN 54-1-41-44 I

WELL NO. 63H

Loving County, Texas

Scale: 1"= 1000' 04/08/2024 505_MOOSEHORN.DGN
Plat prepared by DLS
Horizon Survey, Inc.

FIELD: SANDBAR (BONE SPRING)
LEASE BOUNDARY - - - - -
PRODUCING WELL - - - - -
INJECTION WELL - - - - -
WELL LOCATIONS - - - - -
PROPOSED CONVERSION - - - - -

LRR PECOS VALLEY, LLC.

MOOSEHEAD 54-1-41 UNIT
TRACT SUMMARY

TRACT	CALLED ACREAGE
1	323.98
2	161.96
TOTAL	485.94

T. & P. R. R. CO.
BLOCK 54
TSP 1

ANADARKO E&P
ONSHORE LLC
TRACT 2
(CALLED 485.87 AC)

Surface to Penetration Point
Grid Bearing - N13°17'39"E -- 1145'
Penetration Point to First Take Point
Grid Bearing - S02°11'25"W -- 300'
First Take Point to Last Take Point
Grid Bearing - S02°11'25"W -- 10415'
Last Take Point to End of Terminus
Grid Bearing - S02°11'25"W -- 90'

NEW DRILL
SURFACE LOCATION WELL NO. 64H
904' FNL x 2415' FEL A-64, Section 41,
Blk. 54, TSP 1, T. & P. R. R. CO. SURVEY,
Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 963159.80'; Y= 831499.16'
Lat.= 31°54'36.19"; Long.= -103°40'29.83"
Lat.= 31.91005227; Long.= -103.67495323
Ground Elevation: 3036.1'
Approx. 14.7 miles North of Mentone, TX

PENETRATION POINT WELL NO. 64H
200' FSL x 2118' FEL Section 32, Blk. 54,
TSP 1, T. & P. R. R. CO. SURVEY, Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 963498.84'; Y= 832593.29'
Lat.= 31°54'47.11"; Long.= -103°40'26.28"

FIRST TAKE POINT WELL NO. 64H
100' FNL x 2118' FEL Section 41, Blk. 54,
TSP 1, T. & P. R. R. CO. SURVEY, Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 963487.37'; Y= 832293.50'
Lat.= 31°54'44.14"; Long.= -103°40'26.31"

LAST TAKE POINT WELL NO. 64H
100' FSL x 2118' FEL Section 44, Blk. 54,
TSP 1, T. & P. R. R. CO. SURVEY, Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 963089.35'; Y= 821886.57'
Lat.= 31°53'01.08"; Long.= -103°40'27.30"

END OF TERMINUS WELL NO. 64H
10' FSL x 2118' FEL A-745, Section 44,
Blk. 54, TSP 1, T. & P. R. R. CO. SURVEY,
Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 963085.91'; Y= 821796.63'
Lat.= 31°53'00.19"; Long.= -103°40'27.31"
Lat.= 31.88338714; Long.= -103.67425237

WAFWA
MOOSEHORN 54-1-41-44 J 64H

NAD 83 LAT (DD)	NAD 83 LONG (DD)
N/A	N/A

1000 750 500 250 0 500 1000

SCALE IN FEET
SCALE: 1" = 1000'

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such plat by orders of the Railroad Commission of Texas.

Date: 04/09/2024

FIELD: SANDBAR (BONE SPRING)
LEASE BOUNDARY - - - - -
PRODUCING WELL - - - - -
INJECTION WELL - - - - -
WELL LOCATIONS - - - - -
PROPOSED CONVERSION - - - - -

ANADARKO E&P ONSHORE LLC

MOOSEHORN 54-1-41-44 J

WELL NO. 64H

Loving County, Texas

Scale: 1" = 1000' 04/09/2024 505_MOOSEHORN.DGN
Plat prepared by DLS
Horizon Survey, Inc.

FAA REQUIRED: NO

GRID
NAD27 TCZ
USFT

LRR PECOS VALLEY, LLC.

MOOSEHEAD 54-I-4I UNIT
TRACT SUMMARY

TRACT	CALLED ACREAGE
1	323.98
2	161.96
TOTAL	485.94

T. & P. R. R. CO.
BLOCK 54
TSP 1

ANADARKO E&P
ONSHORE LLC
TRACT 2
(CALLED 485.87 AC)

Surface to Penetration Point
Grid Bearing - N00°30'00"E -- 949'
Penetration Point to First Take Point
Grid Bearing - S02°11'25"W -- 300'
First Take Point to Last Take Point
Grid Bearing - S02°11'25"W -- 10415'
Last Take Point to End of Terminus
Grid Bearing - S02°11'25"W -- 90'

NEW DRILL
SURFACE LOCATION WELL NO. 65H
749' FNL x 1196' FEL A-64, Section 41,
Blk. 54, TSP 1, T. & P. R. R. CO. SURVEY,
Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 964384.15'; Y= 831616.58'
Lat.= 31°54'37.71"; Long.= -103°40'15.68"
Lat.= 31.91047594; Long. = -103.67102100
Ground Elevation: 3012.4'
Approx. 14.7 miles North of Mentone, TX

PENETRATION POINT WELL NO. 65H
200' FSL x 1224' FEL Section 32, Blk. 54,
TSP 1, T. & P. R. R. CO. SURVEY, Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 964392.44'; Y= 832565.82'
Lat.= 31°54'47.11"; Long.= -103°40'15.91"

FIRST TAKE POINT WELL NO. 65H
100' FNL x 1224' FEL Section 41, Blk. 54,
TSP 1, T. & P. R. R. CO. SURVEY, Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 964380.97'; Y= 832266.03'
Lat.= 31°54'44.14"; Long.= -103°40'15.94"

LAST TAKE POINT WELL NO. 65H
100' FSL x 1224' FEL Section 44, Blk. 54,
TSP 1, T. & P. R. R. CO. SURVEY, Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 963982.95'; Y= 821859.07'
Lat.= 31°53'01.08"; Long.= -103°40'16.93"

END OF TERMINUS WELL NO. 65H
10' FSL x 1224' FEL A-745, Section 44,
Blk. 54, TSP 1, T. & P. R. R. CO. SURVEY,
Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 963979.51'; Y= 821769.13'
Lat.= 31°53'00.19"; Long.= -103°40'16.94"
Lat.= 31.88338530; Long. = -103.67137227

WAFWA
MOOSEHORN 54-1-41-44 K 65H

NAD 83 LAT (DD)	NAD 83 LONG (DD)
N/A	N/A

1000 750 500 250 0 500 1000

SCALE IN FEET
SCALE: 1" = 1000'

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such plat by orders of the Railroad Commission of Texas.

Date: 04/09/2024

FAA REQUIRED: NO

ANADARKO E&P ONSHORE LLC

MOOSEHORN 54-1-41-44 K

WELL NO. 65H

Loving County, Texas

Scale: 1" = 1000' 04/09/2024 505_MOOSEHORN.DGN
Plat prepared by DLS
Horizon Survey, Inc.

FIELD: SANDBAR (BONE SPRING)

LEASE BOUNDARY - - - - -

PRODUCING WELL - - - - -

INJECTION WELL - - - - -

WELL LOCATIONS - - - - -

PROPOSED CONVERSION - - - - -

LRR PECOS VALLEY, LLC.

MOOSEHEAD 54-1-41 UNIT
TRACT SUMMARY

TRACT	CALLED ACREAGE
1	323.98
2	161.96
TOTAL	485.94

T. & P. R. R. CO.
BLOCK 54
TSP 1

ANADARKO E&P
ONSHORE, LLC
TRACT 2
(CALLED 485.87 AC)

Surface to Penetration Point
Grid Bearing - N39°49'27"E -- 1205'
Penetration Point to First Take Point
Grid Bearing - S02°11'25"W -- 300'
First Take Point to Last Take Point
Grid Bearing - S01°38'24"W -- 10414'
Last Take Point to End of Terminus
Grid Bearing - S02°11'25"W -- 90'

NEW DRILL
SURFACE LOCATION WELL NO. 66H
749' FNL x 1166' FEL A-64, Section 41,
Blk. 54, TSP 1, T. & P. R. R. CO. SURVEY,
Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 964414.12'; Y= 831615.71'
Lat.= 31°54'37.71"; Long.= -103°40'15.33"
Lat.= 31.91047601; Long. = -103.67092440
Ground Elevation: 3012.3'
Approx. 14.7 miles North of Mentone, TX

PENETRATION POINT WELL NO. 66H
200' FSL x 430' FEL Section 32, Blk. 54,
TSP 1, T. & P. R. R. CO. SURVEY, Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 965186.09'; Y= 832541.42'
Lat.= 31°54'47.10"; Long.= -103°40'06.70"

FIRST TAKE POINT WELL NO. 66H
100' FNL x 430' FEL Section 41, Blk. 54,
TSP 1, T. & P. R. R. CO. SURVEY, Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 965174.62'; Y= 832241.63'
Lat.= 31°54'44.13"; Long.= -103°40'06.73"

LAST TAKE POINT WELL NO. 66H
100' FSL x 330' FEL Section 44, Blk. 54,
TSP 1, T. & P. R. R. CO. SURVEY, Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 964876.55'; Y= 821831.57'
Lat.= 31°53'01.07"; Long.= -103°40'06.56"

END OF TERMINUS WELL NO. 66H
10' FSL x 330' FEL A-745, Section 44,
Blk. 54, TSP 1, T. & P. R. R. CO. SURVEY,
Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 964873.11'; Y= 821741.63'
Lat.= 31°53'00.18"; Long.= -103°40'06.57"
Lat.= 31.88338341; Long. = -103.66849218

WAFWA MOOSEHORN 54-1-41-44 L 66H	
NAD 83 LAT (DD)	NAD 83 LONG (DD)
N/A	N/A

1000 750 500 250 0 500 1000

SCALE IN FEET
SCALE: 1" = 1000'

I, BRYON W. CAREY hereby certify that this plat,
drawn to the scale indicated, accurately represents
conditions as they actually exist on the property
on which permit to drill is sought and correctly
reflects all pertinent data required to be shown on
such plat by orders of the Railroad Commission of Texas.

Date: 04/09/2024

T. & P. R. R. CO.
BLOCK 54
TSP 2

FAA REQUIRED: NO

ANADARKO E&P ONSHORE LLC

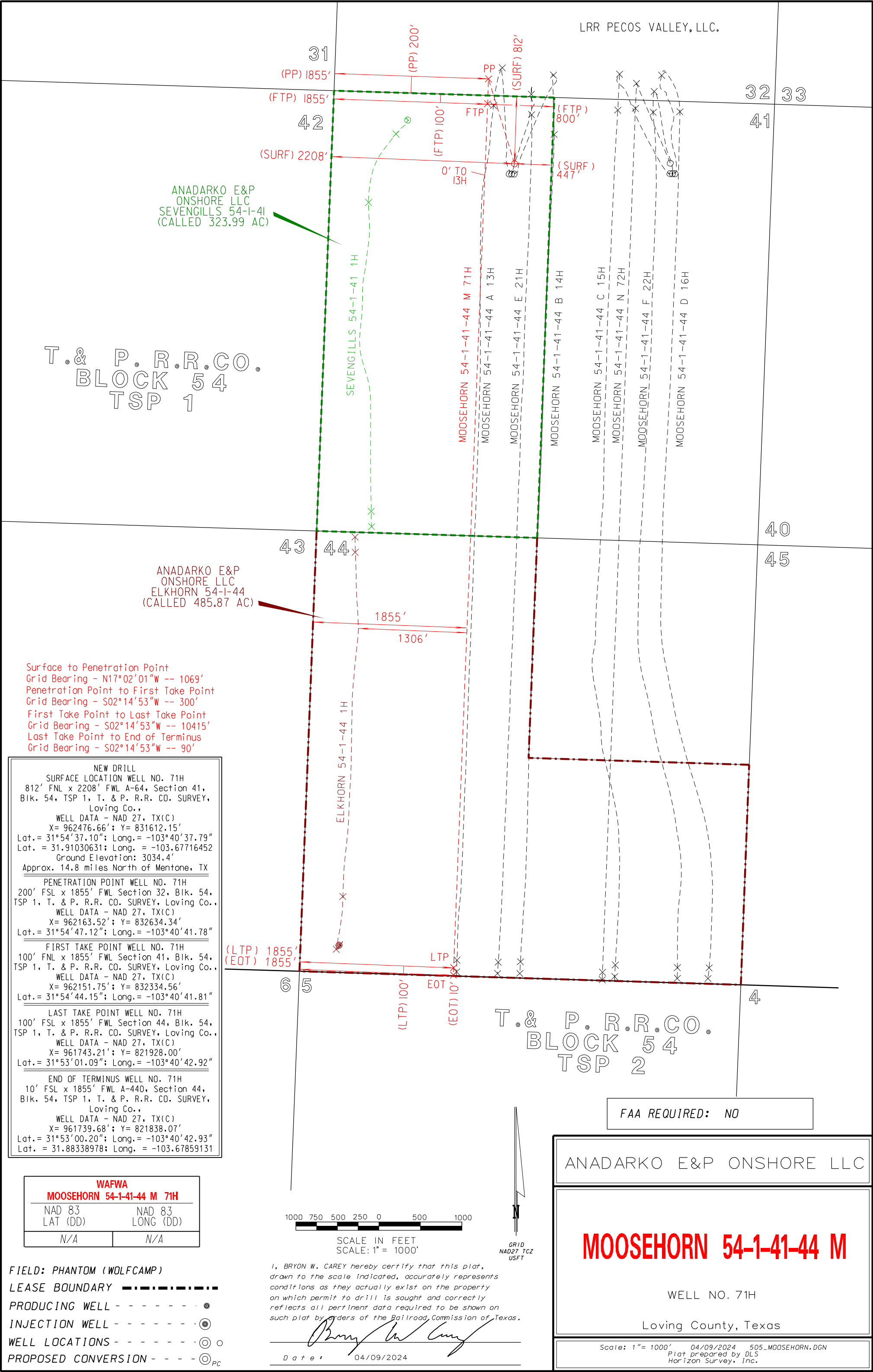
MOOSEHORN 54-1-41-44 L

WELL NO. 66H

Loving County, Texas

Scale: 1" = 1000' 04/09/2024 505_MOOSEHORN.DGN
Plat prepared by DLS
Horizon Survey, Inc.

FIELD: SANDBAR (BONE SPRING)
LEASE BOUNDARY - - - - -
PRODUCING WELL - - - - -
INJECTION WELL - - - - -
WELL LOCATIONS - - - - -
PROPOSED CONVERSION - - - - -



LRR PECOS VALLEY, LLC.

MOOSEHEAD 54-1-41 UNIT
TRACT SUMMARY

TRACT	CALLED ACREAGE
1	323.98
2	161.96
TOTAL	485.94

T. & P. R. R. CO.
BLOCK 54
TSP 1

ANADARKO E&P
ONSHORE LLC
ELKHORN 54-1-44
(CALLED 485.87 AC)

Surface to Penetration Point
Grid Bearing - N23°00'34"W -- 1045'
Penetration Point to First Take Point
Grid Bearing - S02°11'25"W -- 300'
First Take Point to Last Take Point
Grid Bearing - S02°11'25"W -- 10415'
Last Take Point to End of Terminus
Grid Bearing - S02°11'25"W -- 90'

NEW DRILL
SURFACE LOCATION WELL NO. 72H
749' FNL x 1226' FEL A-64, Section 41,
Blk. 54, TSP 1, T. & P. R. R. CO. SURVEY,
Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 964354.17'; Y= 831617.56'
Lat.= 31°54'37.71"; Long.= -103°40'16.02"
Lat.= 31.91047615; Long.= -103.67111766
Ground Elevation: 3012.4'
Approx. 14.7 miles North of Mentone, TX

PENETRATION POINT WELL NO. 72H
200' FSL x 1671' FEL Section 32, Blk. 54,
TSP 1, T. & P. R. R. CO. SURVEY, Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 963945.64'; Y= 832579.55'
Lat.= 31°54'47.11"; Long.= -103°40'21.10"

FIRST TAKE POINT WELL NO. 72H
100' FNL x 1671' FEL Section 41, Blk. 54,
TSP 1, T. & P. R. R. CO. SURVEY, Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 963934.17'; Y= 832279.76'
Lat.= 31°54'44.14"; Long.= -103°40'21.12"

LAST TAKE POINT WELL NO. 72H
100' FSL x 1671' FEL Section 44, Blk. 54,
TSP 1, T. & P. R. R. CO. SURVEY, Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 963536.15'; Y= 821872.82'
Lat.= 31°53'01.08"; Long.= -103°40'22.12"

END OF TERMINUS WELL NO. 72H
10' FSL x 1671' FEL A-745, Section 44,
Blk. 54, TSP 1, T. & P. R. R. CO. SURVEY,
Loving Co.,
WELL DATA - NAD 27, TX(C)
X= 963532.71'; Y= 821782.88'
Lat.= 31°53'00.19"; Long.= -103°40'22.12"
Lat.= 31.88338623; Long.= -103.67281232

WAFWA
MOOSEHORN 54-1-41-44 N 72H

NAD 83 LAT (DD)	NAD 83 LONG (DD)
N/A	N/A

1000 750 500 250 0 500 1000

SCALE IN FEET
SCALE: 1" = 1000'

FIELD: PHANTOM (WOLFCAMP)

LEASE BOUNDARY - - - - -

PRODUCING WELL - - - - -

INJECTION WELL - - - - -

WELL LOCATIONS - - - - -

PROPOSED CONVERSION - - - - -

I, BRYON W. CAREY hereby certify that this plat,
drawn to the scale indicated, accurately represents
conditions as they actually exist on the property
on which permit to drill is sought and correctly
reflects all pertinent data required to be shown on
such plat by orders of the Railroad Commission of Texas.

Date: 04/09/2024

FAA REQUIRED: NO

ANADARKO E&P ONSHORE LLC

MOOSEHORN 54-1-41-44 N

WELL NO. 72H

Loving County, Texas

Scale: 1" = 1000' 04/09/2024 505_MOOSEHORN.DGN
Plat prepared by DLS
Horizon Survey, Inc.