

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Enduring Resources IV LLC. 200 Energy Court Farmington NM 87401		² OGRID Number 372286	
		³ Reason for Filing Code/ Effective Date RT	
⁴ API Number 30-045-35822	⁵ Pool Name LYBROOK MANCOS W		⁶ Pool Code 98157
⁷ Property Code 332891	⁸ Property Name GREATER LYBROOK UNIT		⁹ Well Number #793H

II. ¹⁰ Surface Location

UL or lot no. C	Section 28	Township 23N	Range 9W	Lot Idn	Feet from the 181’	North/South Line North	Feet from the 2357’	East/West line West	County San Juan
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¹¹ Bottom Hole Location

UL or lot no. C	Section 18	Township 23N	Range 9W	Lot Idn	Feet from the 149’	North/South line North	Feet from the 2086’	East/West line West	County San Juan
¹² Lse Code F	¹³ Producing Method Code		¹⁴ Gas Connection Date 8/23/2022		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	WESTERN REFINING COMPANY, LLC	O
373888	HARVEST FOUR CORNERS. LLC	G

IV. Well Completion Data

²¹ Spud Date 3/22/2022	²² Ready Date 8/23/2022	²³ TD 18911’ MD 4117’ TVD	²⁴ PBDT 18794’ MD 4112’ TVD	²⁵ Perforations ~ 4223’ - 18794’ MD ~ 3979’-4112’ TVD	²⁶ DHC, MC R-14051	
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement
17-1/2”		13-3/8”,54.5#, J-55		387’ MD		350 sx - surface
12-1/4”		9-5/8”,36#, J-55		3416’ MD		825 sx- surface
8-1/2”		5-1/2”,20#, P-110		18911’ MD		2882 sx- surface

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Kayla White</i>			OIL CONSERVATION DIVISION Approved by: John Garcia		
Printed name: Kayla White			Title: Petroleum Engineer		
Title: Environmental Engineer			Approval Date: 8/23/2022		
E-mail Address: KWhite@cdhconsult.com			RT Expires 11/21/2022		
Date: 7/20/2022		Phone: 720-768-3575			



ENDURING RESOURCES IV LLC

July 20, 2022

Re: GREATER LYBROOK UNIT 793H-30-045-35822

Pursuant to NMOCD rule 19.15.7.16(C) request is herein made to keep all data and accompanying attachments contained in form C-105 confidential.

Sincerely,

A handwritten signature in blue ink, appearing to read "Heather Huntington".

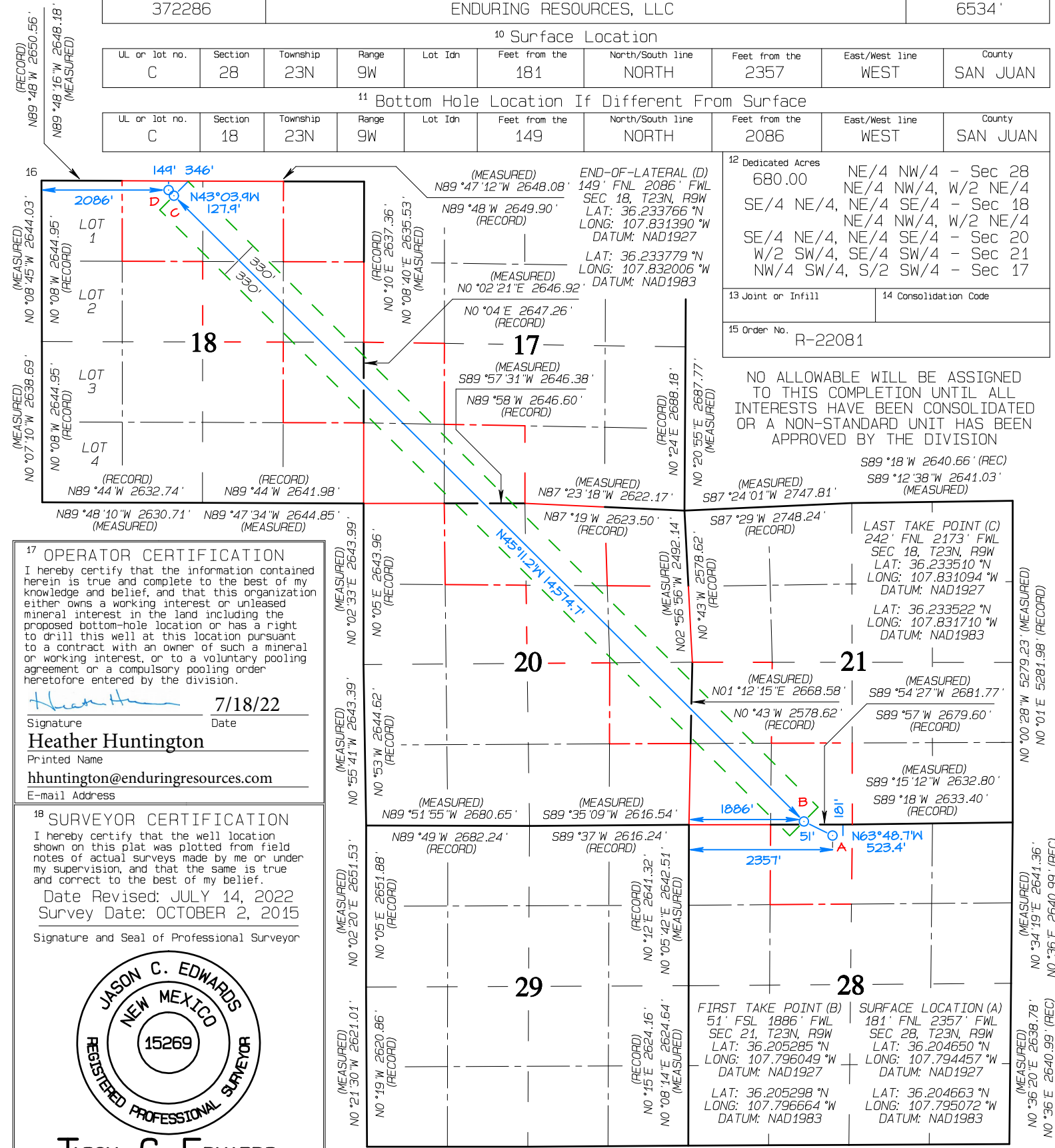
Heather Huntington
Permitting Technician
Enduring Resources, LLC.
hhuntington@enduringresources.com

AS-DRILLED WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35822		² Pool Code 98157		³ Pool Name LYBROOK MANCOS W	
⁴ Property Code 332891		⁵ Property Name GREATER LYBROOK UNIT			⁶ Well Number 793H
⁷ OGRID No. 372286		⁸ Operator Name ENDURING RESOURCES, LLC			⁹ Elevation 6534'

¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	28	23N	9W		181	NORTH	2357	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	18	23N	9W		149	NORTH	2086	WEST	SAN JUAN



17 OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature
Heather Huntington
Printed Name
hhuntington@enduringresources.com
E-mail Address

18 SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: JULY 14, 2022
Survey Date: OCTOBER 2, 2015

Signature and Seal of Professional Surveyor



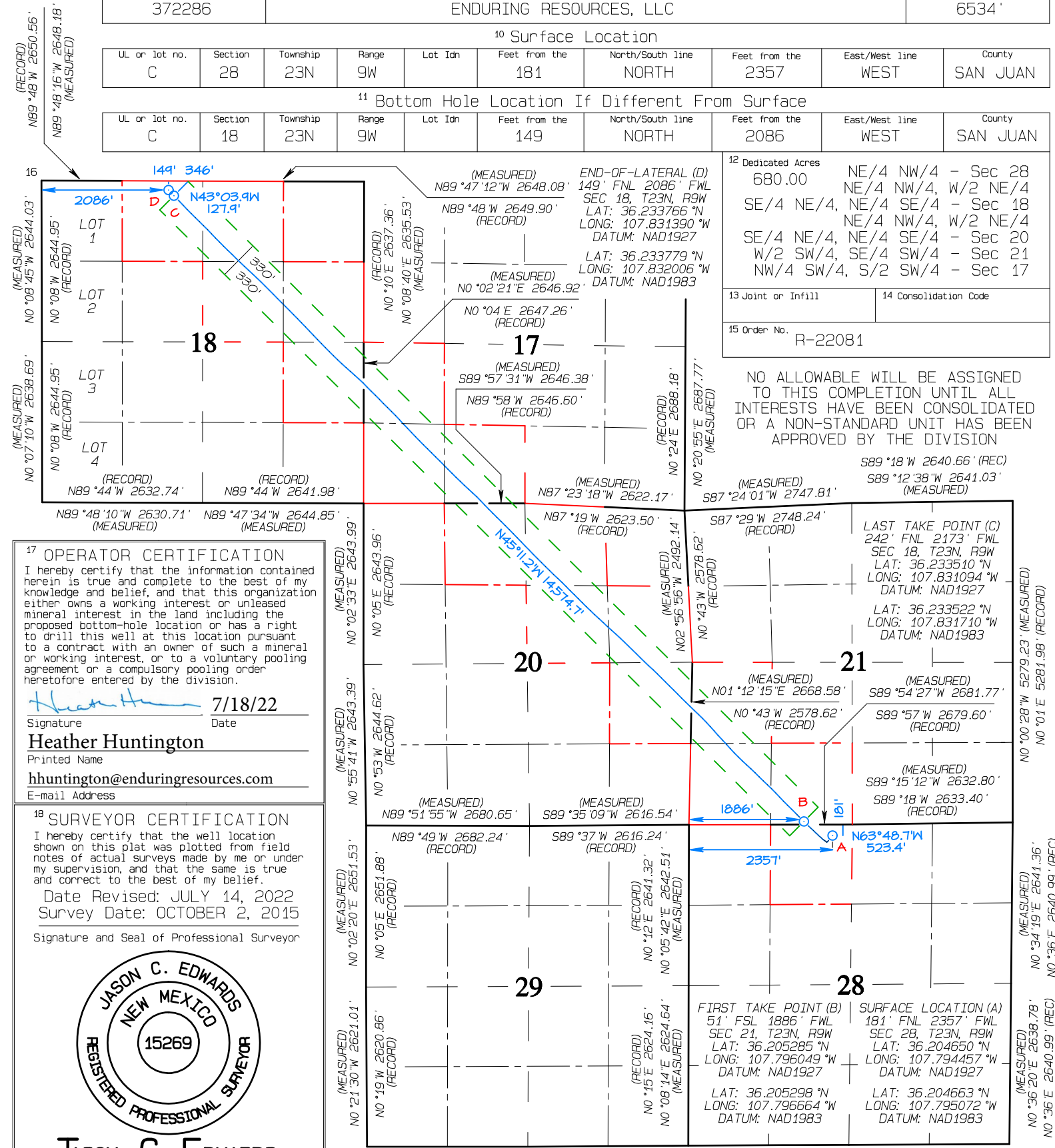
JASON C. EDWARDS

AS-DRILLED WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35822		² Pool Code 98157		³ Pool Name LYBROOK MANCOS W	
⁴ Property Code 332891		⁵ Property Name GREATER LYBROOK UNIT			⁶ Well Number 793H
⁷ OGRID No. 372286		⁸ Operator Name ENDURING RESOURCES, LLC			⁹ Elevation 6534'

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C	28	23N	9W		181	NORTH	2357	WEST	SAN JUAN

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Heather Huntington 7/18/22
Signature Date

Heather Huntington
Printed Name

hhuntington@enduringresources.com
E-mail Address

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Signature and Seal of Professional Surveyor

JASON C. EDWARDS
NEW MEXICO
REGISTERED PROFESSIONAL SURVEYOR
15269

JASON C. EDWARDS

12 Dedicated Acres

680.00

NE/4 NW/4 - Sec 28
NE/4 NW/4, W/2 NE/4
SE/4 NE/4, NE/4 SE/4 - Sec 18
NE/4 NW/4, W/2 NE/4
SE/4 NE/4, NE/4 SE/4 - Sec 20
W/2 SW/4, SE/4 SW/4 - Sec 21
NW/4 SW/4, S/2 SW/4 - Sec 17

13 Joint or Infill

14 Consolidation Code

15 Order No. R-22081

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

19

END-OF-LATERAL (D)
149' FNL 2086' FWL
SEC 18, T23N, R9W
LAT: 36.233766°N
LONG: 107.831390°W
DATUM: NAD1927

LAT: 36.233779°N
LONG: 107.832006°W
DATUM: NAD1983

LAST TAKE POINT (C)
242' FNL 2173' FWL
SEC 18, T23N, R9W
LAT: 36.233510°N
LONG: 107.831094°W
DATUM: NAD1927

LAT: 36.233522°N
LONG: 107.831710°W
DATUM: NAD1983

20

21

28

29

30

FIRST TAKE POINT (B)
51' FSL 1886' FWL
SEC 21, T23N, R9W
LAT: 36.205285°N
LONG: 107.796049°W
DATUM: NAD1927

LAT: 36.205298°N
LONG: 107.796664°W
DATUM: NAD1983

SURFACE LOCATION (A)
181' FNL 2357' FWL
SEC 28, T23N, R9W
LAT: 36.204650°N
LONG: 107.794457°W
DATUM: NAD1927

LAT: 36.204663°N
LONG: 107.795072°W
DATUM: NAD1983

AS-DRILLED WELL LOCATION AND ACREAGE DEDICATION PLAT

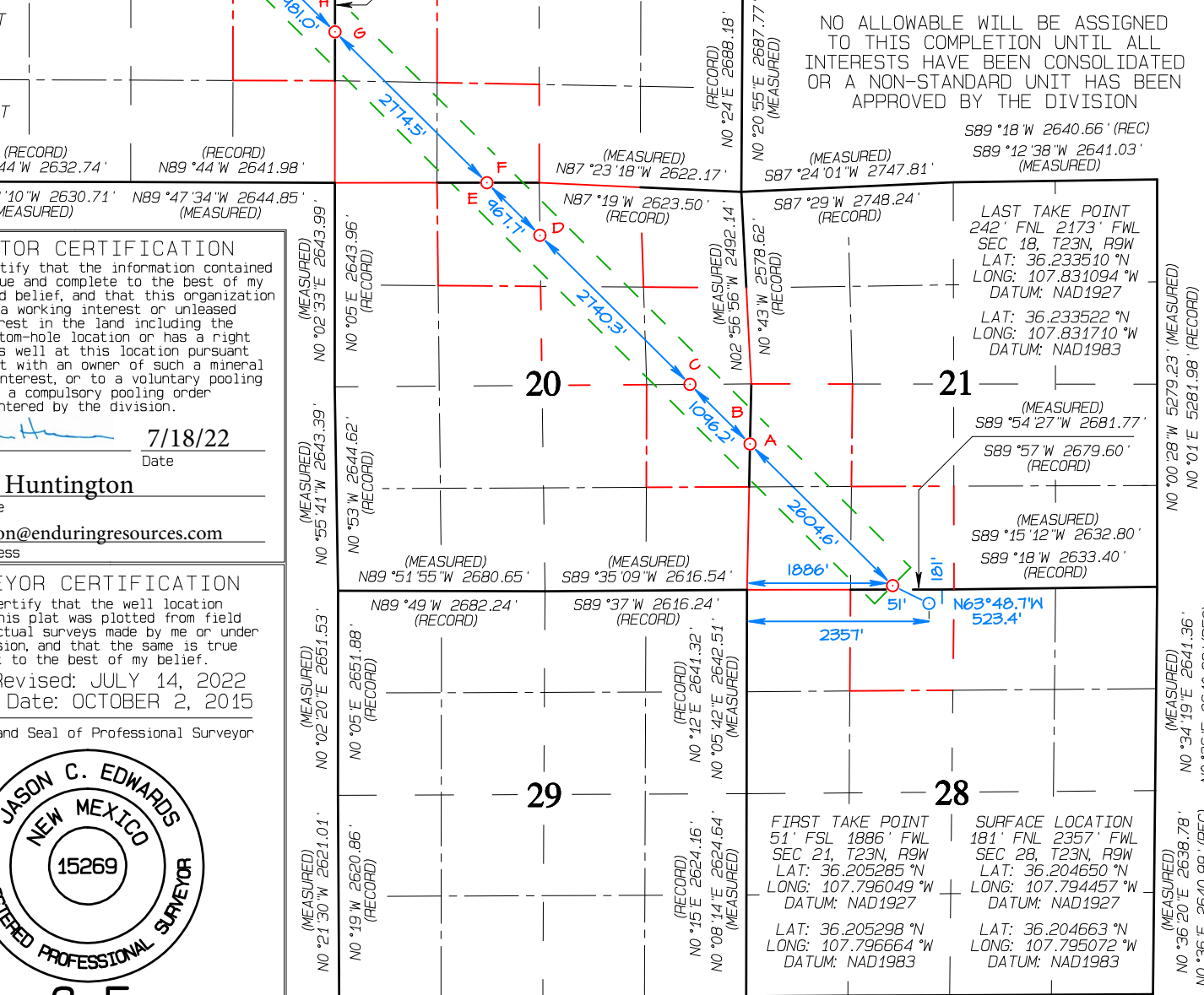
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C	18	23N	9W		149	NORTH	2086	WEST	SAN JUAN

¹² Dedicated Acres 680.00		NE/4 NW/4 - Sec 28 NE/4 NW/4, W/2 NE/4 SE/4 NE/4, NE/4 SE/4 - Sec 18 NE/4 NW/4, W/2 NE/4 SE/4 NE/4, NE/4 SE/4 - Sec 20 W/2 SW/4, SE/4 SW/4 - Sec 21 NW/4 SW/4, S/2 SW/4 - Sec 17
¹³ Joint or Infill	¹⁴ Consolidation Code	
¹⁵ Order No. R-22081		

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Heather Huntington
Signature
Date 7/18/22

Heather Huntington
Printed Name
hhuntington@enduringresources.com
E-mail Address

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Date Revised: JULY 14, 2022
Survey Date: OCTOBER 2, 2015

Signature and Seal of Professional Surveyor

JASON C. EDWARDS
NEW MEXICO
15269
REGISTERED PROFESSIONAL SURVEYOR

JASON C. EDWARDS

Released to Imaging 1/22/2025 3:43:09 PM

(A) 1890' FSL 0' FWL
SEC 21, T23N, R9W
LAT: 36.210329 °N
LONG: 107.802310 °W
DATUM: NAD1927

LAT: 36.210342 °N
LONG: 107.802925 °W
DATUM: NAD1983

(B) 1890' FSL 0' FEL
SEC 20, T23N, R9W
LAT: 36.210329 °N
LONG: 107.802310 °W
DATUM: NAD1927

LAT: 36.210342 °N
LONG: 107.802925 °W
DATUM: NAD1983

(C) 2668' FSL 794' FEL
SEC 20, T23N, R9W
LAT: 36.212452 °N
LONG: 107.804945 °W
DATUM: NAD1927

LAT: 36.212465 °N
LONG: 107.805560 °W
DATUM: NAD1983

(D) 683' FNL 2635' FEL
SEC 20, T23N, R9W
LAT: 36.217760 °N
LONG: 107.811533 °W
DATUM: NAD1927

LAT: 36.217772 °N
LONG: 107.812149 °W
DATUM: NAD1983

(E) 0' FNL 677' FWL
SEC 20, T23N, R9W
LAT: 36.219634 °N
LONG: 107.813860 °W
DATUM: NAD1927

LAT: 36.219646 °N
LONG: 107.814475 °W
DATUM: NAD1983

(F) 0' FSL 677' FWL
SEC 17, T23N, R9W
LAT: 36.219634 °N
LONG: 107.813860 °W
DATUM: NAD1927

LAT: 36.219646 °N
LONG: 107.814475 °W
DATUM: NAD1983

(G) 1957' FSL 0' FWL
SEC 17, T23N, R9W
LAT: 36.225006 °N
LONG: 107.820532 °W
DATUM: NAD1927

LAT: 36.225019 °N
LONG: 107.821147 °W
DATUM: NAD1983

(H) 1957' FSL 0' FEL
SEC 18, T23N, R9W
LAT: 36.225006 °N
LONG: 107.820532 °W
DATUM: NAD1927

LAT: 36.225019 °N
LONG: 107.821147 °W
DATUM: NAD1983

(I) 2646' FSL 696' FEL
SEC 18, T23N, R9W
LAT: 36.226906 °N
LONG: 107.822891 °W
DATUM: NAD1927

LAT: 36.226919 °N
LONG: 107.823507 °W
DATUM: NAD1983

(J) 711' FNL 2647' FEL
SEC 18, T23N, R9W
LAT: 36.232217 °N
LONG: 107.829487 °W
DATUM: NAD1927

LAT: 36.232229 °N
LONG: 107.830104 °W
DATUM: NAD1983



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Reference	Surveys Original Hole		
Filter type:	GLOBAL FILTER APPLIED: All wellpaths within 200'+ 100/1000 of reference		
Interpolation Method:	MD Interval 100.00ft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum centre distance of 2,092.20ft	Error Surface:	Ellipsoid Separation
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Program	Date	5/18/2022			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
405.00	3,360.00	MWD surf (Original Hole)	MWD	OWSG MWD - Standard	
3,457.00	18,857.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
18,922.00	18,922.00	Projection (Original Hole)	MWD	OWSG MWD - Standard	

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Kimbeto Wash 771 Pad (767, 768, 769, 770 & 771)						
KWU Well No. 769H - Original Hole - Surveys Original Ho	9,739.60	4,039.00	1,834.34	1,683.90	12.193	CC
KWU Well No. 769H - Original Hole - Surveys Original Ho	16,900.00	11,450.00	1,889.96	1,444.79	4.245	ES
KWU Well No. 769H - Original Hole - Surveys Original Ho	17,000.00	11,450.00	1,895.25	1,448.52	4.242	SF
KWU Well No. 770H - Original Hole - Surveys Original Ho	14,402.22	8,759.00	1,252.50	905.94	3.614	CC
KWU Well No. 770H - Original Hole - Surveys Original Ho	17,433.02	11,820.00	1,298.99	813.40	2.675	ES, SF
KWU Well No. 771H - Original Hole - Surveys Original Ho	10,100.00	4,457.84	670.64	511.01	4.201	CC
KWU Well No. 771H - Original Hole - Surveys Original Ho	18,068.22	12,515.00	718.51	346.23	1.930	Level 3<2.00, ES, SF
Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)						
Kimbeto Wash Unit 772H - Original Hole - rev1	1,217.87	1,217.70	16.78	9.13	2.192	CC, ES, SF
Kimbeto Wash Unit 772H - Original Hole - Surveys Origin	1,256.51	1,256.37	14.92	7.63	2.046	CC, ES
Kimbeto Wash Unit 772H - Original Hole - Surveys Origin	1,300.00	1,299.61	15.30	7.71	2.015	SF
Kimbeto Wash Unit 774H - Original Hole - Surveys Origin	0.00	0.00	20.06			
Kimbeto Wash Unit 774H - Original Hole - Surveys Origin	200.00	199.90	20.46	19.82	31.868	ES
Kimbeto Wash Unit 774H - Original Hole - Surveys Origin	18,922.00	19,451.74	772.07	263.75	1.519	Level 3<2.00, SF
Kimbeto Wash Unit 793H - Original Hole - rev1	100.00	100.00	0.02	-0.23	0.092	Level 1<1.00, CC
Kimbeto Wash Unit 793H - Original Hole - rev1	12,100.00	12,117.26	3.07	-295.72	0.010	Level 1<1.00, SF
Kimbeto Wash Unit 793H - Original Hole - rev1	18,400.00	18,414.82	16.65	-590.20	0.027	Level 1<1.00, ES
Kimbeto Wash Unit 794H - Original Hole - rev1	1,016.96	1,016.61	38.45	32.21	6.171	CC, ES
Kimbeto Wash Unit 794H - Original Hole - rev1	9,900.00	10,799.70	1,232.98	940.04	4.209	SF
Kimbeto Wash Unit 794H - Original Hole - Surveys Origin	954.51	954.40	32.81	27.56	6.254	CC, ES
Kimbeto Wash Unit 794H - Original Hole - Surveys Origin	1,100.00	1,097.57	36.50	30.28	5.863	SF
Kimbeto Wash Unit 795H - Original Hole - rev1	812.24	811.98	59.30	54.52	12.400	CC, ES
Kimbeto Wash Unit 795H - Original Hole - rev1	10,200.00	10,778.61	1,899.61	1,617.26	6.728	SF

Offset Design:	Kimbeto Wash 771 Pad (767, 768, 769, 770 & 771) - KWU Well No. 769H - Original Hole - Surveys Original Hole												Offset Site Error:	0.00 ft
Survey Program:	324-MWD, 2511-MWD, 11450-MWD												Offset Well Error:	0.00 ft
Reference	Offset		Semi Major Axis		Offset Wellbore Centre				Rule Assigned:			Distance		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
8,700.00	4,052.52	3,976.00	3,916.01	113.30	13.54	85.16	5,399.51	-3,098.22	2,088.43	1,976.99	111.44	18.740		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
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Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design:		Kimbeto Wash 771 Pad (767, 768, 769, 770 & 771) - KWU Well No. 769H - Original Hole - Surveys Original Hole											Offset Site Error:		0.00 ft
Survey Program:		324-MWD, 2511-MWD, 11450-MWD						Rule Assigned:				Offset Well Error:		0.00 ft	
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance			Separation Factor	Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)				
8,800.00	4,050.90	3,976.00	3,916.01	115.61	13.54	85.57	5,399.51	-3,098.22	2,044.58	1,928.64	115.94	17.635			
8,900.00	4,049.57	3,976.00	3,916.01	117.92	13.54	85.41	5,399.51	-3,098.22	2,004.71	1,884.30	120.41	16.649			
9,000.00	4,048.66	3,976.00	3,916.01	120.23	13.54	85.14	5,399.51	-3,098.22	1,968.84	1,844.02	124.82	15.773			
9,100.00	4,049.41	3,976.00	3,916.01	122.53	13.54	85.04	5,399.51	-3,098.22	1,937.65	1,808.55	129.11	15.008			
9,200.00	4,049.60	3,976.00	3,916.01	124.83	13.54	85.02	5,399.51	-3,098.22	1,909.47	1,776.27	133.20	14.335			
9,300.00	4,050.28	3,991.51	3,931.37	127.12	13.54	85.42	5,401.43	-3,099.24	1,884.72	1,747.62	137.11	13.746			
9,400.00	4,051.40	3,999.63	3,939.37	129.40	13.54	85.59	5,402.56	-3,099.87	1,864.20	1,723.47	140.72	13.247			
9,500.00	4,053.23	4,008.00	3,947.62	131.69	13.54	85.82	5,403.81	-3,100.58	1,849.55	1,705.52	144.03	12.841			
9,600.00	4,055.32	4,017.46	3,956.91	133.98	13.53	86.09	5,405.36	-3,101.48	1,840.40	1,693.42	146.98	12.522			
9,700.00	4,057.12	4,027.46	3,966.69	136.26	13.53	86.39	5,407.19	-3,102.55	1,835.01	1,685.49	149.51	12.273			
9,739.60	4,057.67	4,039.00	3,977.90	137.16	13.52	86.76	5,409.54	-3,103.93	1,834.34	1,683.90	150.44	12.193 CC			
9,800.00	4,058.14	4,039.00	3,977.90	138.54	13.52	86.75	5,409.54	-3,103.93	1,835.97	1,684.32	151.65	12.107			
9,900.00	4,059.03	4,057.18	3,995.42	140.85	13.50	87.33	5,413.70	-3,106.39	1,844.75	1,691.37	153.38	12.027			
10,000.00	4,058.46	4,323.00	4,229.96	143.15	13.01	94.48	5,503.17	-3,188.39	1,854.75	1,699.72	155.03	11.964			
10,100.00	4,056.87	4,354.00	4,254.37	145.45	12.96	95.27	5,516.45	-3,202.12	1,865.50	1,709.21	156.30	11.936			
10,200.00	4,055.14	4,409.69	4,296.05	147.73	12.88	96.54	5,543.10	-3,227.66	1,879.54	1,722.23	157.31	11.948			
10,300.00	4,053.34	4,582.87	4,401.39	150.02	12.96	99.81	5,641.84	-3,322.62	1,892.48	1,733.58	158.90	11.910			
10,400.00	4,051.44	4,942.02	4,489.78	152.30	15.80	102.63	5,884.67	-3,563.07	1,895.90	1,731.74	164.15	11.550			
10,500.00	4,049.07	5,039.06	4,494.76	154.58	17.14	102.86	5,952.33	-3,632.45	1,895.57	1,728.03	167.53	11.314			
10,600.00	4,047.75	5,139.32	4,496.97	156.85	18.71	102.97	6,023.02	-3,703.51	1,895.32	1,724.12	171.20	11.071			
10,700.00	4,046.27	5,265.44	4,499.03	159.12	20.86	103.12	6,111.42	-3,793.44	1,893.69	1,718.25	175.45	10.794			
10,800.00	4,045.05	5,363.00	4,499.95	161.40	22.66	103.17	6,179.10	-3,863.70	1,890.35	1,711.02	179.33	10.541			
10,900.00	4,046.56	5,457.00	4,501.46	163.67	24.46	103.17	6,244.56	-3,931.13	1,888.01	1,704.73	183.28	10.301			
11,000.00	4,048.77	5,544.65	4,503.01	165.94	26.18	103.17	6,306.14	-3,993.49	1,885.05	1,697.90	187.15	10.072			
11,100.00	4,053.59	5,649.87	4,505.32	168.23	28.30	103.09	6,379.93	-4,068.46	1,883.76	1,692.27	191.49	9.838			
11,200.00	4,058.24	5,782.44	4,506.54	170.52	31.05	103.01	6,471.93	-4,163.90	1,881.27	1,684.83	196.44	9.577			
11,300.00	4,060.91	5,885.13	4,507.47	172.81	33.22	102.95	6,542.67	-4,238.33	1,879.05	1,678.25	200.80	9.358			
11,400.00	4,062.65	5,960.67	4,508.37	175.10	34.82	102.98	6,594.77	-4,293.02	1,877.09	1,672.48	204.61	9.174			
11,446.41	4,062.48	5,987.06	4,508.47	176.16	35.38	102.99	6,613.32	-4,311.79	1,877.01	1,670.85	206.16	9.104			
11,500.00	4,061.99	6,022.00	4,508.38	177.38	36.13	103.00	6,638.23	-4,336.30	1,877.16	1,669.13	208.03	9.024			
11,600.00	4,060.42	6,133.98	4,508.33	179.66	38.53	103.08	6,718.03	-4,414.85	1,876.62	1,664.07	212.55	8.829			
11,700.00	4,058.44	6,223.20	4,509.42	181.92	40.45	103.17	6,781.38	-4,477.67	1,875.06	1,658.56	216.50	8.661			
11,718.29	4,058.16	6,240.93	4,509.53	182.34	40.83	103.18	6,794.02	-4,490.09	1,874.98	1,657.71	217.27	8.630			
11,800.00	4,057.77	6,324.72	4,508.04	184.21	42.65	103.14	6,854.12	-4,548.45	1,877.02	1,656.12	220.90	8.497			
11,900.00	4,058.46	6,453.76	4,505.77	186.53	45.47	103.02	6,945.83	-4,639.19	1,880.91	1,654.88	226.03	8.321			
12,000.00	4,056.65	6,586.26	4,506.90	188.84	48.40	103.06	7,037.42	-4,734.92	1,882.98	1,651.95	231.04	8.150			
12,100.00	4,053.34	6,664.36	4,508.47	191.15	50.15	103.20	7,090.97	-4,791.74	1,884.18	1,649.33	234.85	8.023			
12,200.00	4,049.43	6,748.72	4,509.32	193.45	52.02	103.32	7,150.08	-4,851.93	1,886.36	1,647.59	238.77	7.900			
12,300.00	4,045.35	6,830.14	4,509.78	195.74	53.83	103.45	7,207.55	-4,909.60	1,888.51	1,645.92	242.58	7.785			
12,400.00	4,042.23	6,912.83	4,508.78	198.03	55.66	103.53	7,266.85	-4,967.21	1,890.33	1,643.87	246.46	7.670			
12,500.00	4,041.18	7,037.18	4,508.03	200.31	58.43	103.55	7,355.61	-5,054.28	1,890.56	1,639.15	251.41	7.520			
12,561.31	4,041.07	7,099.34	4,508.23	201.71	59.82	103.56	7,399.37	-5,098.43	1,890.15	1,636.05	254.10	7.439			
12,600.00	4,041.11	7,121.69	4,508.28	202.60	60.32	103.57	7,415.26	-5,114.14	1,890.33	1,634.94	255.40	7.402			
12,700.00	4,042.56	7,228.35	4,508.49	204.89	62.70	103.52	7,491.37	-5,188.85	1,891.53	1,631.53	260.00	7.275			
12,800.00	4,044.61	7,304.14	4,508.91	207.18	64.39	103.49	7,545.18	-5,242.22	1,892.43	1,628.61	263.83	7.173			
12,900.00	4,047.52	7,381.98	4,508.97	209.48	66.13	103.40	7,602.00	-5,295.42	1,895.18	1,627.47	267.71	7.079			
13,000.00	4,049.13	7,500.63	4,508.82	211.76	68.77	103.27	7,687.84	-5,377.34	1,896.77	1,624.09	272.68	6.956			
13,100.00	4,047.79	7,669.64	4,508.55	214.04	72.58	103.35	7,806.87	-5,497.25	1,895.46	1,616.79	278.68	6.802			
13,200.00	4,046.22	7,720.00	4,509.46	216.32	73.73	103.41	7,842.06	-5,533.27	1,893.94	1,612.13	281.82	6.720			
13,251.44	4,045.47	7,757.08	4,510.21	217.49	74.56	103.46	7,868.41	-5,559.35	1,893.68	1,610.04	283.63	6.677			
13,300.00	4,044.60	7,782.76	4,510.62	218.59	75.13	103.49	7,886.96	-5,577.11	1,893.81	1,608.73	285.07	6.643			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 771 Pad (767, 768, 769, 770 & 771) - KWU Well No. 769H - Original Hole - Surveys Original Hole													Offset Site Error:	0.00 ft
Survey Program: 324-MWD, 2511-MWD, 11450-MWD													Offset Well Error:	0.00 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Distance Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
13,400.00	4,045.97	7,852.61	4,511.28	220.86	76.69	103.51	7,938.34	-5,624.42	1,895.80	1,607.24	288.56	6.570		
13,500.00	4,048.61	7,954.70	4,511.33	223.13	78.96	103.38	8,013.93	-5,693.03	1,897.18	1,604.10	293.08	6.473		
13,600.00	4,050.99	8,057.05	4,511.92	225.38	81.23	103.33	8,089.37	-5,762.20	1,896.31	1,598.75	297.56	6.373		
13,600.54	4,051.00	8,057.56	4,511.92	225.40	81.25	103.33	8,089.74	-5,762.54	1,896.31	1,598.73	297.58	6.372		
13,700.00	4,054.31	8,170.25	4,510.16	227.66	83.75	103.22	8,173.10	-5,838.35	1,898.69	1,596.15	302.54	6.276		
13,800.00	4,057.74	8,277.25	4,509.22	229.95	86.14	103.05	8,251.53	-5,911.12	1,901.06	1,593.73	307.32	6.186		
13,900.00	4,061.44	8,401.08	4,508.56	232.24	88.92	102.88	8,341.71	-5,995.99	1,902.97	1,590.39	312.58	6.088		
14,000.00	4,062.50	8,547.45	4,510.95	234.52	92.24	102.88	8,445.60	-6,099.05	1,903.82	1,585.72	318.10	5.985		
14,087.02	4,062.89	8,611.32	4,512.19	236.51	93.69	102.91	8,490.51	-6,144.45	1,903.40	1,582.04	321.36	5.923		
14,100.00	4,062.69	8,618.95	4,512.26	236.81	93.86	102.93	8,495.95	-6,149.80	1,902.77	1,580.99	321.78	5.913		
14,200.00	4,063.89	8,690.81	4,512.04	239.10	95.49	102.90	8,547.96	-6,199.39	1,905.46	1,579.95	325.51	5.854		
14,300.00	4,065.69	8,828.92	4,511.39	241.39	98.60	102.77	8,647.58	-6,295.02	1,907.01	1,575.97	331.04	5.761		
14,400.00	4,067.99	8,971.91	4,514.88	243.67	101.87	102.79	8,747.20	-6,397.52	1,904.16	1,567.83	336.33	5.662		
14,449.93	4,069.10	9,012.87	4,515.35	244.82	102.81	102.82	8,775.67	-6,426.97	1,903.30	1,564.91	338.39	5.625		
14,500.00	4,070.00	9,056.86	4,514.96	245.97	103.81	102.79	8,806.53	-6,458.31	1,903.52	1,562.98	340.54	5.590		
14,600.00	4,070.12	9,172.94	4,513.17	248.30	106.46	102.70	8,888.04	-6,540.95	1,907.66	1,562.20	345.46	5.522		
14,700.00	4,070.63	9,321.51	4,514.27	250.62	109.88	102.71	8,989.08	-6,649.83	1,909.34	1,558.59	350.75	5.444		
14,800.00	4,072.22	9,420.00	4,514.84	252.96	112.15	102.69	9,055.56	-6,722.49	1,911.50	1,556.20	355.30	5.380		
14,900.00	4,072.61	9,478.58	4,514.40	255.28	113.49	102.61	9,096.01	-6,764.85	1,913.09	1,553.95	359.14	5.327		
15,000.00	4,071.42	9,595.11	4,515.94	257.59	116.17	102.70	9,175.99	-6,849.57	1,912.88	1,549.10	363.77	5.258		
15,100.00	4,070.04	9,716.90	4,518.69	259.89	118.99	102.87	9,258.00	-6,939.56	1,910.85	1,542.49	368.36	5.187		
15,200.00	4,068.51	9,799.37	4,518.00	262.18	120.89	102.92	9,314.29	-6,999.82	1,907.79	1,535.33	372.46	5.122		
15,300.00	4,067.13	9,968.66	4,518.74	264.46	124.81	103.09	9,427.70	-7,125.45	1,902.66	1,525.11	377.55	5.040		
15,400.00	4,065.61	10,051.84	4,521.41	266.74	126.74	103.23	9,481.93	-7,188.47	1,895.30	1,513.75	381.54	4.967		
15,500.00	4,066.25	10,109.66	4,523.01	269.02	128.08	103.23	9,520.36	-7,231.64	1,888.79	1,503.47	385.33	4.902		
15,600.00	4,067.30	10,175.00	4,522.76	271.30	129.58	103.22	9,565.77	-7,278.60	1,884.35	1,495.20	389.16	4.842		
15,700.00	4,068.33	10,214.55	4,521.48	273.56	130.47	103.18	9,594.16	-7,306.11	1,881.61	1,489.42	392.20	4.798		
15,776.88	4,069.10	10,269.00	4,518.49	275.31	131.70	103.07	9,633.97	-7,343.13	1,881.11	1,486.02	395.09	4.761		
15,800.00	4,069.23	10,280.85	4,517.67	275.83	131.96	103.05	9,642.72	-7,351.07	1,880.78	1,485.00	395.78	4.752		
15,900.00	4,070.64	10,375.57	4,510.43	278.11	134.07	102.78	9,712.96	-7,414.20	1,883.12	1,482.66	400.46	4.702		
16,000.00	4,071.95	10,505.13	4,504.03	280.39	136.98	102.51	9,807.76	-7,502.25	1,883.99	1,477.80	406.19	4.638		
16,100.00	4,072.40	10,599.89	4,503.84	282.68	139.13	102.49	9,876.27	-7,567.71	1,884.82	1,474.35	410.48	4.592		
16,200.00	4,072.75	10,729.33	4,507.56	284.97	142.07	102.58	9,968.64	-7,658.29	1,886.92	1,471.36	415.56	4.541		
16,300.00	4,072.41	10,836.00	4,509.09	287.26	144.51	102.64	10,043.79	-7,733.99	1,886.83	1,466.78	420.05	4.492		
16,356.39	4,072.15	10,886.14	4,509.89	288.55	145.66	102.67	10,079.10	-7,769.58	1,886.41	1,464.09	422.32	4.467		
16,400.00	4,072.12	10,931.00	4,511.10	289.54	146.68	102.71	10,111.03	-7,801.06	1,886.61	1,462.41	424.21	4.447		
16,500.00	4,072.86	10,998.62	4,513.71	291.83	148.22	102.77	10,159.42	-7,848.22	1,887.91	1,460.30	427.61	4.415		
16,600.00	4,074.27	11,120.42	4,519.83	294.12	151.00	102.90	10,246.15	-7,933.51	1,889.25	1,456.86	432.39	4.369		
16,700.00	4,076.14	11,229.06	4,525.48	296.41	153.48	103.01	10,322.72	-8,010.36	1,889.38	1,452.58	436.80	4.325		
16,800.00	4,078.32	11,364.90	4,533.75	298.71	156.60	103.21	10,417.12	-8,107.70	1,890.21	1,448.52	441.69	4.279		
16,881.08	4,080.43	11,450.00	4,539.38	300.58	158.10	103.31	10,475.28	-8,169.56	1,890.31	1,445.61	444.70	4.251		
16,900.00	4,081.15	11,450.00	4,539.38	301.02	158.10	103.31	10,475.28	-8,169.56	1,889.96	1,444.79	445.18	4.245 ES		
17,000.00	4,083.41	11,450.00	4,539.38	303.33	158.10	103.34	10,475.28	-8,169.56	1,895.25	1,448.52	446.73	4.242 SF		
17,100.00	4,085.93	11,450.00	4,539.38	305.65	158.10	103.31	10,475.28	-8,169.56	1,906.01	1,459.30	446.71	4.267		
17,200.00	4,087.16	11,450.00	4,539.38	307.96	158.10	103.13	10,475.28	-8,169.56	1,921.57	1,476.53	445.04	4.318		
17,300.00	4,087.08	11,450.00	4,539.38	310.27	158.10	103.00	10,475.28	-8,169.56	1,940.57	1,498.76	441.81	4.392		
17,400.00	4,086.78	11,450.00	4,539.38	312.56	158.10	103.08	10,475.28	-8,169.56	1,963.85	1,526.63	437.22	4.492		
17,500.00	4,087.52	11,450.00	4,539.38	314.87	158.10	103.32	10,475.28	-8,169.56	1,992.38	1,560.81	431.57	4.617		
17,600.00	4,089.21	11,450.00	4,539.38	317.17	158.10	103.39	10,475.28	-8,169.56	2,025.79	1,600.76	425.02	4.766		
17,700.00	4,091.08	11,450.00	4,539.38	319.46	158.10	103.25	10,475.28	-8,169.56	2,062.16	1,644.55	417.61	4.938		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 771 Pad (767, 768, 769, 770 & 771) - KWU Well No. 770H - Original Hole - Surveys Original Hole													Offset Site Error:	0.00 ft
Survey Program: 324-MWD, 2529-MWD, 11820-MWD													Offset Well Error:	0.00 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Distance Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
8,000.00	4,041.95	3,820.00	3,678.65	97.23	16.67	72.84	4,934.48	-3,426.48	2,081.25	2,012.49	68.76	30.269		
8,100.00	4,042.54	3,837.87	3,695.37	99.51	16.65	72.16	4,936.76	-3,432.36	2,003.73	1,931.64	72.09	27.794		
8,200.00	4,044.94	3,852.00	3,708.50	101.80	16.64	72.44	4,938.87	-3,437.16	1,929.60	1,853.86	75.74	25.476		
8,300.00	4,047.43	3,852.00	3,708.50	104.09	16.64	72.24	4,938.87	-3,437.16	1,856.89	1,777.23	79.67	23.308		
8,400.00	4,049.18	3,867.69	3,722.96	106.38	16.61	73.82	4,941.53	-3,442.63	1,787.37	1,703.54	83.83	21.322		
8,500.00	4,051.28	3,883.00	3,736.94	108.68	16.59	74.14	4,944.47	-3,448.13	1,721.62	1,633.31	88.31	19.495		
8,600.00	4,052.09	3,883.00	3,736.94	110.99	16.59	75.09	4,944.47	-3,448.13	1,659.44	1,566.22	93.22	17.802		
8,700.00	4,052.52	3,902.66	3,754.69	113.30	16.55	76.07	4,948.75	-3,455.42	1,601.65	1,503.36	98.29	16.296		
8,800.00	4,050.90	3,915.00	3,765.70	115.61	16.53	77.00	4,951.74	-3,460.12	1,546.46	1,442.85	103.61	14.926		
8,900.00	4,049.57	3,928.55	3,777.68	117.92	16.50	77.29	4,955.29	-3,465.37	1,495.54	1,386.45	109.09	13.710		
9,000.00	4,048.66	3,946.00	3,792.91	120.23	16.46	77.58	4,960.30	-3,472.25	1,449.10	1,334.45	114.65	12.639		
9,100.00	4,049.41	3,958.72	3,803.87	122.53	16.43	77.88	4,964.27	-3,477.34	1,408.07	1,287.80	120.26	11.708		
9,200.00	4,049.60	3,978.00	3,820.24	124.83	16.37	78.52	4,970.79	-3,485.15	1,370.79	1,245.05	125.74	10.902		
9,300.00	4,050.28	3,996.54	3,835.69	127.12	16.32	79.05	4,977.58	-3,492.82	1,337.97	1,206.95	131.02	10.212		
9,400.00	4,051.40	4,021.53	3,856.02	129.40	16.24	79.83	4,987.50	-3,503.46	1,310.24	1,174.26	135.98	9.636		
9,500.00	4,053.23	4,041.00	3,871.43	131.69	16.18	80.47	4,995.77	-3,512.00	1,289.31	1,148.71	140.59	9.171		
9,600.00	4,055.32	4,072.00	3,895.10	133.98	16.07	81.49	5,010.03	-3,526.04	1,274.65	1,129.97	144.68	8.810		
9,700.00	4,057.12	4,117.12	3,927.35	136.26	15.90	82.91	5,033.11	-3,547.53	1,264.34	1,116.13	148.21	8.531		
9,790.34	4,058.09	4,155.63	3,952.94	138.32	15.76	84.12	5,054.56	-3,566.70	1,260.57	1,109.59	150.98	8.349		
9,800.00	4,058.14	4,159.82	3,955.65	138.54	15.75	84.24	5,056.97	-3,568.81	1,260.52	1,109.27	151.25	8.334		
9,900.00	4,059.03	4,225.86	3,995.73	140.85	15.51	86.07	5,096.80	-3,602.92	1,264.27	1,110.36	153.92	8.214		
10,000.00	4,058.46	4,367.53	4,057.53	143.15	15.16	88.85	5,189.25	-3,689.81	1,267.73	1,111.05	156.68	8.091		
10,100.00	4,056.87	4,443.17	4,073.83	145.45	15.07	89.66	5,241.98	-3,741.41	1,269.85	1,110.57	159.29	7.972		
10,200.00	4,055.14	4,539.97	4,080.53	147.73	15.19	90.03	5,312.21	-3,807.64	1,273.19	1,110.96	162.23	7.848		
10,300.00	4,053.34	4,665.34	4,086.10	150.02	16.00	90.39	5,401.74	-3,895.23	1,274.27	1,108.41	165.86	7.683		
10,400.00	4,051.44	4,768.64	4,090.01	152.30	17.24	90.66	5,474.91	-3,968.03	1,274.06	1,104.57	169.49	7.517		
10,500.00	4,049.07	4,878.30	4,093.24	154.58	18.88	90.92	5,552.31	-4,045.65	1,273.21	1,099.77	173.44	7.341		
10,600.00	4,047.75	5,009.62	4,096.63	156.85	21.14	91.15	5,643.31	-4,140.26	1,270.50	1,092.55	177.95	7.139		
10,700.00	4,046.27	5,123.86	4,098.82	159.12	23.27	91.36	5,721.26	-4,223.75	1,265.61	1,083.31	182.30	6.943		
10,800.00	4,045.05	5,211.03	4,099.75	161.40	24.96	91.39	5,780.10	-4,288.05	1,259.26	1,072.99	186.27	6.761		
10,900.00	4,046.56	5,269.00	4,100.14	163.67	26.10	91.33	5,820.41	-4,329.71	1,256.70	1,067.10	189.60	6.628		
10,977.76	4,048.41	5,324.38	4,100.22	165.44	27.20	91.29	5,859.93	-4,368.51	1,256.13	1,063.81	192.32	6.531		
11,000.00	4,048.77	5,339.49	4,100.17	165.94	27.49	91.29	5,870.85	-4,378.94	1,255.64	1,062.58	193.07	6.504		
11,100.00	4,053.59	5,446.90	4,099.19	168.23	29.64	91.04	5,948.87	-4,452.76	1,258.40	1,060.85	197.56	6.370		
11,200.00	4,058.24	5,576.76	4,096.87	170.52	32.31	90.67	6,041.31	-4,543.93	1,259.22	1,056.52	202.69	6.212		
11,300.00	4,060.91	5,680.56	4,093.57	172.81	34.49	90.39	6,114.04	-4,617.91	1,258.97	1,051.79	207.18	6.077		
11,329.70	4,061.72	5,705.78	4,093.06	173.49	35.03	90.33	6,131.78	-4,635.84	1,258.90	1,050.52	208.38	6.041		
11,400.00	4,062.65	5,759.30	4,092.81	175.10	36.16	90.28	6,169.65	-4,673.65	1,259.31	1,048.29	211.02	5.968		
11,500.00	4,061.99	5,836.00	4,094.11	177.38	37.78	90.36	6,225.32	-4,726.39	1,261.63	1,046.91	214.72	5.876		
11,600.00	4,060.42	5,937.31	4,097.01	179.66	39.92	90.57	6,299.42	-4,795.41	1,263.53	1,044.38	219.14	5.766		
11,700.00	4,058.44	6,008.45	4,098.25	181.92	41.43	90.69	6,351.69	-4,843.65	1,264.75	1,042.21	222.54	5.683		
11,800.00	4,057.77	6,108.86	4,098.26	184.21	43.56	90.76	6,426.26	-4,910.89	1,270.73	1,043.76	226.97	5.599		
11,900.00	4,058.46	6,288.96	4,098.83	186.53	47.48	90.74	6,554.51	-5,037.26	1,274.66	1,040.73	233.93	5.449		
12,000.00	4,056.65	6,410.95	4,099.17	188.84	50.19	90.83	6,638.89	-5,125.36	1,276.41	1,037.45	238.96	5.342		
12,100.00	4,053.34	6,514.45	4,098.90	191.15	52.51	90.99	6,709.68	-5,200.87	1,276.04	1,032.47	243.57	5.239		
12,200.00	4,049.43	6,620.89	4,097.49	193.45	54.90	91.13	6,782.34	-5,278.63	1,274.73	1,026.50	248.23	5.135		
12,300.00	4,045.35	6,716.66	4,095.94	195.74	57.06	91.26	6,847.01	-5,349.26	1,271.66	1,018.98	252.68	5.033		
12,400.00	4,042.23	6,781.02	4,095.61	198.03	58.51	91.34	6,891.55	-5,395.71	1,269.59	1,013.23	256.36	4.952		
12,500.00	4,041.18	6,873.00	4,095.30	200.31	60.57	91.36	6,956.24	-5,461.10	1,268.26	1,007.60	260.66	4.866		
12,537.87	4,041.05	6,905.28	4,095.27	201.17	61.29	91.37	6,979.07	-5,483.92	1,268.08	1,005.88	262.21	4.836		
12,600.00	4,041.11	6,955.32	4,095.96	202.60	62.40	91.40	7,014.70	-5,519.03	1,268.50	1,003.86	264.64	4.793		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 771 Pad (767, 768, 769, 770 & 771) - KWU Well No. 770H - Original Hole - Surveys Original Hole													Offset Site Error:	0.00 ft
Survey Program: 324-MWD, 2529-MWD, 11820-MWD													Offset Well Error:	0.00 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Distance Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
12,700.00	4,042.56	7,048.48	4,098.14	204.89	64.47	91.45	7,081.57	-5,583.87	1,270.65	1,001.72	268.93	4.725		
12,800.00	4,044.61	7,127.80	4,098.71	207.18	66.23	91.41	7,139.03	-5,638.54	1,273.81	1,001.10	272.71	4.671		
12,900.00	4,047.52	7,249.42	4,099.12	209.48	68.93	91.27	7,227.61	-5,721.84	1,277.30	999.30	278.01	4.595		
13,000.00	4,049.13	7,368.44	4,103.34	211.76	71.60	91.36	7,312.50	-5,805.16	1,278.05	994.93	283.12	4.514		
13,100.00	4,047.79	7,481.17	4,107.29	214.04	74.14	91.61	7,391.68	-5,885.31	1,276.78	988.79	287.99	4.433		
13,200.00	4,046.22	7,583.38	4,110.62	216.32	76.46	91.84	7,463.31	-5,958.14	1,274.64	982.09	292.55	4.357		
13,300.00	4,044.60	7,717.45	4,114.81	218.59	79.51	92.13	7,556.07	-6,054.84	1,270.48	972.67	297.82	4.266		
13,400.00	4,045.97	7,781.92	4,116.40	220.86	80.97	92.06	7,600.52	-6,101.51	1,266.28	964.74	301.54	4.199		
13,500.00	4,048.61	7,864.44	4,117.37	223.13	82.84	91.98	7,659.07	-6,159.65	1,263.69	958.12	305.58	4.135		
13,600.00	4,050.99	7,967.51	4,117.26	225.38	85.17	91.87	7,732.22	-6,232.26	1,259.18	948.98	310.21	4.059		
13,700.00	4,054.31	8,090.59	4,115.17	227.66	87.96	91.65	7,818.98	-6,319.53	1,257.63	942.20	315.42	3.987		
13,785.75	4,057.39	8,149.88	4,113.69	229.62	89.30	91.48	7,860.62	-6,361.71	1,256.86	938.24	318.62	3.945		
13,800.00	4,057.74	8,159.00	4,113.48	229.95	89.50	91.46	7,867.12	-6,368.11	1,256.78	937.68	319.11	3.938		
13,900.00	4,061.44	8,237.91	4,112.08	232.24	91.28	91.26	7,924.15	-6,422.62	1,258.69	935.76	322.93	3.898		
14,000.00	4,062.50	8,375.89	4,113.36	234.52	94.38	91.22	8,023.38	-6,518.47	1,261.05	932.32	328.74	3.836		
14,100.00	4,062.69	8,495.08	4,114.01	236.81	97.10	91.24	8,106.53	-6,603.86	1,258.53	924.74	333.79	3.770		
14,200.00	4,063.89	8,603.60	4,112.85	239.10	99.58	91.12	8,181.76	-6,682.06	1,257.41	918.84	338.57	3.714		
14,300.00	4,065.69	8,696.88	4,110.84	241.39	101.72	90.93	8,245.59	-6,750.05	1,254.20	911.17	343.02	3.656		
14,400.00	4,067.99	8,759.00	4,110.55	243.67	103.13	90.84	8,289.46	-6,794.02	1,252.50	905.97	346.53	3.614		
14,402.22	4,068.05	8,759.00	4,110.55	243.72	103.13	90.85	8,289.46	-6,794.02	1,252.50	905.94	346.56	3.614 CC		
14,500.00	4,070.00	8,864.87	4,111.27	245.97	105.53	90.80	8,365.19	-6,868.01	1,254.68	903.38	351.29	3.572		
14,600.00	4,070.12	8,973.03	4,111.00	248.30	107.99	90.77	8,441.46	-6,944.69	1,259.64	903.50	356.14	3.537		
14,700.00	4,070.63	9,046.58	4,112.10	250.62	109.66	90.84	8,493.93	-6,996.20	1,266.21	906.36	359.85	3.519		
14,800.00	4,072.22	9,151.72	4,114.52	252.96	112.04	90.94	8,569.49	-7,069.28	1,274.75	910.12	364.63	3.496		
14,900.00	4,072.61	9,250.77	4,115.26	255.28	114.28	90.81	8,640.49	-7,138.34	1,280.61	911.43	369.18	3.469		
15,000.00	4,071.42	9,337.06	4,117.10	257.59	116.23	90.94	8,702.76	-7,198.04	1,284.87	911.68	373.19	3.443		
15,100.00	4,070.04	9,440.39	4,120.08	259.89	118.56	91.13	8,777.66	-7,269.17	1,289.40	911.54	377.86	3.412		
15,200.00	4,068.51	9,552.56	4,122.22	262.18	121.10	91.31	8,858.14	-7,347.26	1,291.05	908.20	382.85	3.372		
15,300.00	4,067.13	9,654.87	4,122.86	264.46	123.42	91.40	8,931.65	-7,418.43	1,292.14	904.67	387.47	3.335		
15,400.00	4,065.61	9,772.48	4,128.31	266.74	126.10	91.72	9,014.98	-7,501.23	1,291.37	898.84	392.53	3.290		
15,500.00	4,066.25	9,879.07	4,133.21	269.02	128.53	91.89	9,089.83	-7,576.94	1,289.42	892.19	397.23	3.246		
15,600.00	4,067.30	10,009.55	4,134.36	271.30	131.53	91.89	9,180.11	-7,671.13	1,285.02	882.54	402.48	3.193		
15,700.00	4,068.33	10,096.57	4,133.71	273.56	133.53	91.83	9,240.23	-7,734.04	1,279.89	873.08	406.81	3.146		
15,800.00	4,069.23	10,202.26	4,131.60	275.83	135.96	91.70	9,312.93	-7,810.72	1,274.01	862.49	411.52	3.096		
15,900.00	4,070.64	10,271.00	4,130.94	278.11	137.53	91.63	9,360.90	-7,859.95	1,271.83	856.50	415.33	3.062		
16,000.00	4,071.95	10,365.00	4,132.50	280.39	139.68	91.64	9,427.59	-7,926.17	1,270.85	851.17	419.69	3.028		
16,062.58	4,072.35	10,420.00	4,134.22	281.82	140.93	91.71	9,466.82	-7,964.68	1,270.68	848.42	422.26	3.009		
16,100.00	4,072.40	10,456.77	4,135.19	282.68	141.76	91.75	9,493.07	-7,990.40	1,270.59	846.66	423.93	2.997		
16,200.00	4,072.75	10,554.00	4,136.95	284.97	143.97	91.81	9,562.64	-8,058.31	1,272.43	844.06	428.37	2.970		
16,300.00	4,072.41	10,676.07	4,137.16	287.26	146.76	91.84	9,649.08	-8,144.49	1,272.43	838.76	433.67	2.934		
16,398.43	4,072.23	10,763.98	4,135.57	289.51	148.77	91.77	9,711.32	-8,206.57	1,271.77	833.91	437.85	2.905		
16,400.00	4,072.12	10,765.48	4,135.54	289.54	148.80	91.78	9,712.38	-8,207.62	1,271.63	833.71	437.92	2.904		
16,500.00	4,072.86	10,857.72	4,134.89	291.83	150.90	91.72	9,778.04	-8,272.40	1,271.83	829.60	442.23	2.876		
16,600.00	4,074.27	10,932.00	4,136.07	294.12	152.59	91.73	9,831.37	-8,324.09	1,273.17	827.47	445.71	2.857		
16,700.00	4,076.14	11,026.00	4,136.76	296.41	154.71	91.68	9,900.05	-8,388.25	1,276.07	826.09	449.98	2.836		
16,800.00	4,078.32	11,112.19	4,136.79	298.71	156.64	91.64	9,963.75	-8,446.31	1,281.98	828.16	453.82	2.825		
16,900.00	4,081.15	11,234.57	4,138.83	301.02	159.40	91.58	10,053.39	-8,529.60	1,287.45	827.91	459.53	2.802		
17,000.00	4,083.41	11,349.11	4,138.17	303.33	161.99	91.44	10,136.23	-8,608.67	1,293.35	828.57	464.78	2.783		
17,100.00	4,085.93	11,454.37	4,135.27	305.65	164.38	91.18	10,211.62	-8,682.08	1,298.50	828.87	469.63	2.765		
17,200.00	4,087.16	11,585.36	4,132.79	307.96	167.37	90.95	10,304.81	-8,774.10	1,302.50	827.27	475.23	2.741		
17,300.00	4,087.08	11,705.39	4,128.60	310.27	170.12	90.78	10,387.99	-8,860.52	1,301.82	821.55	480.27	2.711		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 771 Pad (767, 768, 769, 770 & 771) - KWU Well No. 770H - Original Hole - Surveys Original Hole												Offset Site Error:	0.00 ft
Survey Program: 324-MWD, 2529-MWD, 11820-MWD												Offset Well Error:	0.00 ft
Reference	Offset	Semi Major Axis		Rule Assigned:		Distance		Minimum Separation		Separation Factor	Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)			
17,400.00	4,086.78	11,810.91	4,121.82	312.56	172.16	90.49	10,460.27	-8,937.09	1,299.43	814.84	484.59	2.682	
17,433.02	4,086.89	11,820.00	4,121.20	313.32	172.30	90.45	10,466.49	-8,943.70	1,298.99	813.40	485.59	2.675	ES, SF
17,500.00	4,087.52	11,820.00	4,121.20	314.87	172.30	90.47	10,466.49	-8,943.70	1,300.92	814.91	486.01	2.677	
17,600.00	4,089.21	11,820.00	4,121.20	317.17	172.30	90.49	10,466.49	-8,943.70	1,310.60	827.69	482.92	2.714	
17,700.00	4,091.08	11,820.00	4,121.20	319.46	172.30	90.46	10,466.49	-8,943.70	1,326.35	850.66	475.69	2.788	
17,800.00	4,092.95	11,820.00	4,121.20	321.75	172.30	90.51	10,466.49	-8,943.70	1,347.78	882.87	464.91	2.899	
17,900.00	4,095.25	11,820.00	4,121.20	324.02	172.30	90.49	10,466.49	-8,943.70	1,375.07	923.77	451.30	3.047	
18,000.00	4,096.72	11,820.00	4,121.20	326.30	172.30	90.13	10,466.49	-8,943.70	1,409.77	973.96	435.81	3.235	
18,100.00	4,096.70	11,820.00	4,121.20	328.60	172.30	89.91	10,466.49	-8,943.70	1,452.44	1,033.04	419.40	3.463	
18,200.00	4,096.79	11,820.00	4,121.20	330.89	172.30	90.22	10,466.49	-8,943.70	1,500.16	1,097.68	402.48	3.727	
18,300.00	4,097.93	11,820.00	4,121.20	333.19	172.30	90.59	10,466.49	-8,943.70	1,553.17	1,167.54	385.64	4.028	
18,400.00	4,099.78	11,820.00	4,121.20	335.48	172.30	90.76	10,466.49	-8,943.70	1,610.36	1,241.24	369.12	4.363	
18,500.00	4,102.22	11,820.00	4,121.20	337.76	172.30	91.05	10,466.49	-8,943.70	1,670.47	1,317.50	352.97	4.733	
18,600.00	4,105.59	11,820.00	4,121.20	340.04	172.30	91.31	10,466.49	-8,943.70	1,733.14	1,395.84	337.30	5.138	
18,700.00	4,108.58	11,820.00	4,121.20	342.31	172.30	91.15	10,466.49	-8,943.70	1,800.05	1,477.41	322.63	5.579	
18,800.00	4,112.14	11,820.00	4,121.20	344.59	172.30	91.60	10,466.49	-8,943.70	1,870.07	1,561.22	308.85	6.055	
18,900.00	4,116.25	11,820.00	4,121.20	346.58	172.30	91.69	10,466.49	-8,943.70	1,941.24	1,645.64	295.60	6.567	
18,922.00	4,117.17	11,820.00	4,121.20	346.93	172.30	91.69	10,466.49	-8,943.70	1,957.17	1,664.36	292.81	6.684	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 771 Pad (767, 768, 769, 770 & 771) - KWU Well No. 771H - Original Hole - Surveys Original Hole												Offset Site Error:	0.00 ft
Survey Program: 359-MWD												Offset Well Error:	0.00 ft
Measured Depth (ft)	Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,000.00	4,041.95	4,055.00	3,849.49	97.23	23.08	74.07	4,764.21	-4,023.37	2,062.90	2,007.66	55.24	37.346	
8,100.00	4,042.54	4,055.00	3,849.49	99.51	23.08	71.18	4,764.21	-4,023.37	1,969.63	1,912.49	57.15	34.467	
8,200.00	4,044.94	4,068.71	3,862.58	101.80	23.13	71.54	4,763.89	-4,027.44	1,877.77	1,818.51	59.26	31.687	
8,300.00	4,047.43	4,087.00	3,880.00	104.09	23.20	72.30	4,763.56	-4,033.01	1,786.18	1,724.69	61.48	29.051	
8,400.00	4,049.18	4,087.00	3,880.00	106.38	23.20	74.44	4,763.56	-4,033.01	1,695.83	1,631.69	64.14	26.441	
8,500.00	4,051.28	4,099.98	3,892.33	108.68	23.24	74.74	4,763.44	-4,037.05	1,607.09	1,540.01	67.08	23.959	
8,600.00	4,052.09	4,109.10	3,900.99	110.99	23.27	77.43	4,763.45	-4,039.95	1,519.88	1,449.45	70.43	21.579	
8,700.00	4,052.52	4,119.00	3,910.35	113.30	23.31	78.66	4,763.55	-4,043.13	1,434.83	1,360.57	74.26	19.323	
8,800.00	4,050.90	4,119.00	3,910.35	115.61	23.31	79.81	4,763.55	-4,043.13	1,350.83	1,272.27	78.55	17.197	
8,900.00	4,049.57	4,135.57	3,925.99	117.92	23.36	80.42	4,763.97	-4,048.60	1,268.83	1,185.68	83.15	15.259	
9,000.00	4,048.66	4,150.00	3,939.54	120.23	23.41	80.51	4,764.62	-4,053.52	1,189.33	1,101.03	88.30	13.469	
9,100.00	4,049.41	4,150.00	3,939.54	122.53	23.41	80.11	4,764.62	-4,053.52	1,113.09	1,018.86	94.23	11.812	
9,200.00	4,049.60	4,167.55	3,955.92	124.83	23.46	81.20	4,765.82	-4,059.69	1,039.21	938.74	100.47	10.344	
9,300.00	4,050.28	4,182.00	3,969.32	127.12	23.50	81.87	4,767.15	-4,064.93	968.72	861.40	107.31	9.027	
9,400.00	4,051.40	4,198.51	3,984.53	129.40	23.55	82.74	4,768.98	-4,071.11	902.61	787.86	114.76	7.865	
9,500.00	4,053.23	4,220.27	4,004.36	131.69	23.60	84.11	4,771.80	-4,079.58	843.02	720.24	122.78	6.866	
9,600.00	4,055.32	4,246.00	4,027.48	133.98	23.66	85.96	4,775.73	-4,090.18	790.65	659.49	131.16	6.028	
9,700.00	4,057.12	4,277.00	4,054.82	136.26	23.73	88.27	4,781.30	-4,103.69	745.03	605.62	139.41	5.344	
9,800.00	4,058.14	4,309.00	4,082.40	138.54	23.80	90.88	4,788.04	-4,118.44	709.59	562.33	147.25	4.819	
9,900.00	4,059.03	4,350.56	4,117.25	140.85	23.87	93.72	4,798.20	-4,138.68	686.79	533.06	153.73	4.468	
10,000.00	4,058.46	4,403.77	4,160.45	143.15	23.96	97.70	4,813.06	-4,165.94	674.30	516.41	157.89	4.271	
10,092.48	4,056.91	4,453.13	4,198.92	145.27	24.03	101.09	4,828.57	-4,192.67	670.71	511.10	159.61	4.202	
10,100.00	4,056.87	4,457.84	4,202.50	145.45	24.04	101.40	4,830.15	-4,195.28	670.64	511.01	159.64	4.201 CC	
10,200.00	4,055.14	4,521.85	4,249.45	147.73	24.13	105.54	4,853.48	-4,231.99	675.53	516.75	158.78	4.254	
10,300.00	4,053.34	4,592.68	4,297.62	150.02	24.20	109.73	4,883.33	-4,274.45	687.98	531.90	156.08	4.408	
10,400.00	4,051.44	4,676.48	4,348.47	152.30	24.28	114.00	4,923.92	-4,327.17	705.12	552.71	152.40	4.627	
10,500.00	4,049.07	4,761.02	4,393.20	154.58	24.33	117.60	4,971.96	-4,380.42	727.46	578.45	149.00	4.882	
10,600.00	4,047.75	4,910.65	4,454.69	156.85	24.51	122.27	5,064.37	-4,480.18	746.06	599.23	146.83	5.081	
10,700.00	4,046.27	5,101.11	4,484.97	159.12	25.12	124.47	5,196.94	-4,612.63	752.06	602.82	149.24	5.039	
10,800.00	4,045.05	5,249.23	4,492.32	161.40	26.26	125.21	5,300.78	-4,717.97	753.16	601.10	152.05	4.953	
10,900.00	4,046.56	5,365.61	4,492.35	163.67	27.62	125.29	5,380.77	-4,802.50	749.18	594.11	155.07	4.831	
11,000.00	4,048.77	5,459.05	4,491.09	165.94	28.92	125.21	5,445.61	-4,869.77	743.77	585.79	157.98	4.708	
11,100.00	4,053.59	5,566.71	4,490.34	168.23	30.60	124.91	5,519.75	-4,947.83	738.55	576.97	161.59	4.571	
11,200.00	4,058.24	5,687.73	4,489.88	170.52	32.70	124.88	5,600.83	-5,037.65	731.70	566.58	165.12	4.431	
11,300.00	4,060.91	5,789.20	4,489.66	172.81	34.58	124.99	5,667.04	-5,114.54	724.49	556.52	167.98	4.313	
11,400.00	4,062.65	5,875.58	4,488.75	175.10	36.22	125.13	5,724.37	-5,179.14	718.40	547.64	170.76	4.207	
11,500.00	4,061.99	5,966.21	4,486.35	177.38	37.95	125.17	5,786.84	-5,244.76	715.08	541.38	173.69	4.117	
11,600.00	4,060.42	6,054.92	4,484.70	179.66	39.67	125.31	5,848.72	-5,308.30	712.42	536.18	176.25	4.042	
11,700.00	4,058.44	6,145.00	4,485.44	181.92	41.44	125.66	5,911.29	-5,373.10	710.40	532.19	178.21	3.986	
11,725.46	4,058.07	6,170.07	4,485.79	182.51	41.94	125.73	5,928.76	-5,391.07	710.20	531.39	178.81	3.972	
11,800.00	4,057.77	6,235.50	4,486.48	184.21	43.24	125.76	5,975.18	-5,437.18	712.01	531.13	180.87	3.936	
11,900.00	4,058.46	6,328.63	4,487.48	186.53	45.10	125.56	6,041.86	-5,502.17	716.55	532.18	184.37	3.886	
12,000.00	4,056.65	6,425.54	4,487.19	188.84	47.03	125.23	6,112.67	-5,568.34	723.33	535.24	188.09	3.846	
12,100.00	4,053.34	6,528.50	4,487.63	191.15	49.11	125.20	6,187.40	-5,639.16	729.97	538.41	191.56	3.811	
12,200.00	4,049.43	6,628.40	4,489.24	193.45	51.17	125.38	6,259.00	-5,708.80	735.93	541.55	194.38	3.786	
12,300.00	4,045.35	6,719.00	4,490.19	195.74	53.04	125.53	6,324.76	-5,771.12	742.11	545.23	196.89	3.769	
12,400.00	4,042.23	6,826.02	4,491.30	198.03	55.27	125.71	6,402.59	-5,844.57	746.88	546.72	200.16	3.731	
12,500.00	4,041.18	6,932.39	4,492.88	200.31	57.51	125.86	6,478.81	-5,918.74	748.80	545.51	203.29	3.683	
12,600.00	4,041.11	7,037.22	4,494.18	202.60	59.75	125.93	6,553.63	-5,992.16	750.13	543.58	206.55	3.632	
12,700.00	4,042.56	7,136.82	4,495.37	204.89	61.89	125.89	6,624.12	-6,062.51	750.55	540.71	209.85	3.577	
12,800.00	4,044.61	7,233.95	4,495.32	207.18	63.97	125.66	6,694.00	-6,129.97	751.29	537.71	213.58	3.518	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 771 Pad (767, 768, 769, 770 & 771) - KWU Well No. 771H - Original Hole - Surveys Original Hole												Offset Site Error:	0.00 ft
Survey Program: 359-MWD												Offset Well Error:	0.00 ft
Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
12,900.00	4,047.52	7,341.67	4,495.08	209.48	66.30	125.36	6,771.04	-6,205.25	750.72	532.89	217.82	3.446	
12,982.11	4,048.91	7,424.36	4,497.02	211.35	68.11	125.46	6,828.70	-6,264.48	750.01	529.83	220.18	3.406	
13,000.00	4,049.13	7,439.77	4,497.42	211.76	68.45	125.48	6,839.45	-6,275.52	749.90	529.32	220.58	3.400	
13,100.00	4,047.79	7,534.77	4,499.28	214.04	70.53	125.70	6,906.73	-6,342.56	751.32	528.43	222.90	3.371	
13,200.00	4,046.22	7,633.82	4,499.93	216.32	72.69	125.87	6,977.28	-6,412.07	752.04	526.54	225.50	3.335	
13,300.00	4,044.60	7,729.26	4,499.35	218.59	74.75	125.90	7,046.95	-6,477.29	753.38	525.03	228.35	3.299	
13,400.00	4,045.97	7,824.83	4,499.71	220.86	76.83	125.82	7,116.13	-6,543.23	753.26	521.76	231.50	3.254	
13,500.00	4,048.61	7,921.33	4,501.04	223.13	78.94	125.72	7,186.24	-6,609.52	752.50	517.86	234.64	3.207	
13,600.00	4,050.99	8,024.25	4,500.84	225.38	81.17	125.60	7,261.66	-6,679.55	750.11	511.94	238.17	3.149	
13,700.00	4,054.31	8,134.02	4,501.53	227.66	83.58	125.42	7,340.95	-6,755.46	749.38	506.95	242.43	3.091	
13,800.00	4,057.74	8,236.08	4,502.84	229.95	85.85	125.27	7,413.43	-6,827.30	748.25	502.20	246.05	3.041	
13,876.10	4,060.21	8,307.00	4,503.24	231.69	87.41	125.12	7,464.36	-6,876.65	747.98	499.21	248.77	3.007	
13,900.00	4,061.44	8,329.45	4,503.17	232.24	87.91	125.02	7,480.67	-6,892.08	747.73	497.93	249.79	2.993	
14,000.00	4,062.50	8,437.42	4,502.66	234.52	90.29	124.78	7,558.60	-6,966.81	748.90	494.85	254.05	2.948	
14,100.00	4,062.69	8,544.43	4,502.49	236.81	92.67	124.77	7,634.81	-7,041.92	748.34	490.90	257.44	2.907	
14,173.09	4,063.41	8,616.41	4,501.86	238.49	94.28	124.66	7,686.04	-7,092.48	748.08	488.03	260.06	2.877	
14,200.00	4,063.89	8,642.36	4,501.73	239.10	94.86	124.59	7,704.49	-7,110.72	748.43	487.29	261.14	2.866	
14,300.00	4,065.69	8,744.41	4,502.74	241.39	97.15	124.54	7,776.40	-7,183.13	747.64	483.24	264.41	2.828	
14,400.00	4,067.99	8,856.87	4,503.93	243.67	99.69	124.59	7,854.56	-7,263.98	744.41	476.90	267.52	2.783	
14,493.47	4,069.61	8,957.78	4,505.27	245.82	101.98	124.69	7,923.45	-7,337.70	742.68	472.44	270.24	2.748	
14,500.00	4,070.00	8,965.21	4,505.37	245.97	102.15	124.70	7,928.47	-7,343.17	742.04	471.64	270.40	2.744	
14,600.00	4,070.12	9,062.58	4,506.55	248.30	104.38	124.73	7,994.28	-7,414.92	743.46	470.05	273.41	2.719	
14,700.00	4,070.63	9,152.28	4,508.22	250.62	106.43	124.74	8,055.50	-7,480.46	746.06	469.61	276.45	2.699	
14,800.00	4,072.22	9,245.87	4,510.20	252.96	108.55	124.63	8,120.10	-7,548.16	750.10	469.92	280.18	2.677	
14,900.00	4,072.61	9,347.92	4,510.92	255.28	110.86	124.36	8,191.80	-7,620.76	753.46	469.41	284.05	2.653	
15,000.00	4,071.42	9,446.66	4,512.41	257.59	113.10	124.53	8,260.15	-7,692.01	755.01	468.56	286.45	2.636	
15,100.00	4,070.04	9,533.31	4,514.16	259.89	115.06	124.66	8,320.94	-7,753.72	757.86	469.43	288.43	2.627	
15,200.00	4,068.51	9,627.69	4,514.30	262.18	117.17	124.66	8,389.22	-7,818.89	760.81	469.55	291.27	2.612	
15,300.00	4,067.13	9,735.40	4,512.32	264.46	119.56	124.50	8,467.96	-7,892.33	762.96	467.49	295.47	2.582	
15,400.00	4,065.61	9,835.42	4,509.94	266.74	121.79	124.39	8,540.46	-7,961.18	763.58	464.63	298.95	2.554	
15,500.00	4,066.25	9,928.90	4,511.62	269.02	123.89	124.47	8,607.33	-8,026.47	763.95	462.69	301.25	2.536	
15,600.00	4,067.30	10,085.26	4,510.33	271.30	127.44	124.50	8,716.86	-8,137.96	760.63	455.00	305.63	2.489	
15,700.00	4,068.33	10,192.76	4,507.21	273.56	129.93	124.69	8,787.64	-8,218.81	750.57	443.36	307.21	2.443	
15,800.00	4,069.23	10,274.18	4,503.75	275.83	131.79	124.63	8,843.20	-8,278.21	742.34	432.73	309.61	2.398	
15,900.00	4,070.64	10,365.50	4,503.05	278.11	133.89	124.66	8,905.39	-8,345.06	737.44	425.64	311.80	2.365	
16,000.00	4,071.95	10,465.70	4,504.76	280.39	136.20	124.97	8,973.03	-8,418.98	732.94	419.91	313.03	2.341	
16,100.00	4,072.40	10,578.71	4,505.73	282.68	138.81	125.31	9,048.60	-8,502.99	727.81	413.86	313.94	2.318	
16,200.00	4,072.75	10,658.10	4,506.29	284.97	140.64	125.47	9,102.19	-8,561.55	724.85	409.40	315.45	2.298	
16,300.00	4,072.41	10,752.62	4,507.42	287.26	142.80	125.67	9,167.60	-8,629.78	723.93	406.90	317.03	2.283	
16,400.00	4,072.12	10,855.26	4,508.03	289.54	145.15	125.86	9,238.58	-8,703.91	721.97	403.28	318.70	2.265	
16,500.00	4,072.86	10,954.60	4,507.91	291.83	147.42	125.93	9,307.20	-8,775.74	719.27	398.47	320.80	2.242	
16,545.29	4,073.38	10,983.92	4,507.97	292.87	148.09	125.92	9,327.84	-8,796.56	718.69	397.31	321.38	2.236	
16,600.00	4,074.27	11,035.79	4,508.14	294.12	149.26	125.84	9,365.11	-8,832.63	718.88	395.77	323.11	2.225	
16,700.00	4,076.14	11,143.68	4,507.76	296.41	151.70	125.66	9,442.20	-8,908.12	718.05	391.07	326.99	2.196	
16,759.64	4,077.40	11,202.74	4,507.14	297.78	153.03	125.51	9,484.29	-8,949.55	717.59	388.28	329.31	2.179	
16,800.00	4,078.32	11,236.94	4,507.07	298.71	153.81	125.41	9,508.70	-8,973.50	718.24	387.43	330.81	2.171	
16,900.00	4,081.15	11,320.75	4,507.63	301.02	155.69	125.14	9,569.36	-9,031.32	720.42	386.12	334.30	2.155	
17,000.00	4,083.41	11,434.84	4,508.24	303.33	158.26	124.72	9,652.19	-9,109.77	724.68	384.24	340.44	2.129	
17,100.00	4,085.93	11,553.83	4,508.29	305.65	160.96	124.33	9,736.02	-9,194.21	726.15	380.34	345.81	2.100	
17,200.00	4,087.16	11,643.29	4,509.74	307.96	163.01	124.28	9,797.95	-9,258.75	727.41	378.94	348.47	2.087	
17,300.00	4,087.08	11,726.40	4,512.05	310.27	164.90	124.37	9,856.71	-9,317.47	730.09	380.18	349.91	2.087	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 771 Pad (767, 768, 769, 770 & 771) - KWU Well No. 771H - Original Hole - Surveys Original Hole												Offset Site Error:	0.00 ft
Survey Program: 359-MWD												Offset Well Error:	0.00 ft
Measured Depth (ft)	Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
17,400.00	4,086.78	11,830.58	4,513.90	312.56	167.26	124.40	9,931.70	-9,389.76	733.25	380.25	353.00	2.077	
17,500.00	4,087.52	11,941.88	4,514.41	314.87	169.78	124.29	10,011.14	-9,467.71	734.98	377.85	357.13	2.058	
17,600.00	4,089.21	12,050.99	4,513.53	317.17	172.26	124.00	10,088.61	-9,544.54	735.54	373.81	361.74	2.033	
17,700.00	4,091.08	12,154.62	4,512.29	319.46	174.62	123.80	10,161.28	-9,618.40	733.56	368.19	365.36	2.008	
17,800.00	4,092.95	12,250.90	4,512.80	321.75	176.83	123.82	10,228.32	-9,687.50	730.62	363.17	367.45	1.988	Level 3<2.00
17,900.00	4,095.25	12,363.25	4,512.92	324.02	179.41	123.88	10,306.10	-9,768.58	725.79	356.23	369.56	1.964	Level 3<2.00
18,000.00	4,096.72	12,473.62	4,511.73	326.30	181.95	123.93	10,381.48	-9,849.19	720.44	349.05	371.39	1.940	Level 3<2.00
18,068.22	4,096.83	12,515.00	4,511.19	327.87	182.91	123.96	10,409.55	-9,879.58	718.51	346.23	372.28	1.930	Level 3<2.00, ES, SF
18,100.00	4,096.70	12,515.00	4,511.19	328.60	182.91	123.95	10,409.55	-9,879.58	719.42	348.38	371.04	1.939	Level 3<2.00
18,200.00	4,096.79	12,515.00	4,511.19	330.89	182.91	124.03	10,409.55	-9,879.58	730.58	372.05	358.52	2.038	
18,300.00	4,097.93	12,515.00	4,511.19	333.19	182.91	124.14	10,409.55	-9,879.58	754.66	417.68	336.98	2.239	
18,400.00	4,099.78	12,515.00	4,511.19	335.48	182.91	124.12	10,409.55	-9,879.58	790.11	478.98	311.13	2.539	
18,500.00	4,102.22	12,515.00	4,511.19	337.76	182.91	123.99	10,409.55	-9,879.58	834.80	550.44	284.36	2.936	
18,600.00	4,105.59	12,515.00	4,511.19	340.04	182.91	124.06	10,409.55	-9,879.58	887.11	628.38	258.73	3.429	
18,700.00	4,108.58	12,515.00	4,511.19	342.31	182.91	124.33	10,409.55	-9,879.58	948.02	711.92	236.11	4.015	
18,800.00	4,112.14	12,515.00	4,511.19	344.59	182.91	124.31	10,409.55	-9,879.58	1,015.07	798.74	216.33	4.692	
18,900.00	4,116.25	12,515.00	4,511.19	346.58	182.91	123.86	10,409.55	-9,879.58	1,085.78	886.76	199.02	5.456	
18,922.00	4,117.17	12,515.00	4,511.19	346.93	182.91	123.86	10,409.55	-9,879.58	1,101.87	906.16	195.71	5.630	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795) - Kimbeto Wash Unit 772H - Original Hole - rev1												Offset Site Error:	0.00 ft
Survey Program: 0-MWD												Offset Well Error:	0.00 ft
Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	89.98	0.01	20.06	20.06				
100.00	100.00	100.00	100.00	0.13	0.13	-163.96	0.01	20.06	20.08	19.83	0.26	77.813	
200.00	200.00	200.00	200.00	0.31	0.49	-164.02	0.01	20.06	20.15	19.36	0.80	25.323	
300.00	300.00	300.00	300.00	0.49	0.85	-164.11	0.01	20.06	20.27	18.93	1.33	15.197	
400.00	400.00	400.00	400.00	0.67	1.20	-164.24	0.01	20.06	20.43	18.55	1.87	10.916	
500.00	500.00	500.00	500.00	1.01	1.56	-76.68	0.01	20.06	20.39	17.82	2.57	7.929	
600.00	599.99	599.99	599.99	1.36	1.92	-59.05	0.01	20.06	20.00	16.72	3.28	6.101	
697.14	697.13	697.13	697.13	1.70	2.27	-91.50	0.01	20.06	19.80	15.83	3.97	4.990	
700.00	699.99	699.99	699.99	1.71	2.28	-93.41	0.01	20.06	19.94	15.95	3.99	4.999	
800.00	799.99	799.99	799.99	2.06	2.64	-32.20	0.01	20.06	19.58	14.89	4.70	4.170	
900.00	899.99	899.99	899.99	2.41	3.00	-44.71	0.01	20.06	19.38	13.97	5.41	3.585	
1,000.00	999.99	999.99	999.99	2.76	3.36	-10.83	0.01	20.06	18.84	12.73	6.11	3.083	
1,100.00	1,099.98	1,099.98	1,099.98	3.11	3.71	-28.46	0.01	20.06	17.84	11.02	6.82	2.616	
1,200.00	1,199.98	1,199.98	1,199.98	3.46	4.07	-25.76	0.01	20.06	16.86	9.33	7.53	2.238	
1,217.87	1,217.84	1,217.70	1,217.69	3.52	4.13	-25.91	-0.01	20.14	16.78	9.13	7.66	2.192 CC, ES, SF	
1,300.00	1,299.97	1,299.11	1,299.06	3.81	4.42	-23.70	-0.42	22.60	18.47	10.25	8.22	2.246	
1,400.00	1,399.97	1,397.80	1,397.45	4.17	4.76	-42.80	-1.70	30.15	25.12	16.24	8.88	2.828	
1,500.00	1,499.96	1,495.54	1,494.36	4.53	5.11	-48.95	-3.80	42.56	36.97	27.45	9.52	3.882	
1,600.00	1,599.91	1,591.61	1,588.87	4.88	5.46	-116.38	-6.67	59.51	55.06	44.91	10.14	5.428	
1,700.00	1,699.54	1,684.65	1,679.46	5.24	5.84	-125.89	-10.19	80.37	81.83	71.09	10.75	7.615	
1,800.00	1,798.76	1,773.77	1,765.18	5.59	6.22	-140.76	-14.26	104.40	116.85	105.54	11.32	10.327	
1,900.00	1,897.99	1,859.42	1,846.40	5.95	6.63	-143.48	-18.79	131.20	156.96	145.11	11.85	13.246	
2,000.00	1,997.32	1,942.05	1,923.52	6.32	7.07	-139.34	-23.74	160.42	200.26	187.91	12.35	16.215	
2,100.00	2,096.65	2,022.88	1,997.67	6.69	7.53	-137.72	-29.10	192.12	246.94	234.08	12.85	19.213	
2,200.00	2,196.02	2,110.87	2,077.87	7.07	8.09	-135.01	-35.14	227.82	294.44	280.92	13.52	21.770	
2,300.00	2,295.47	2,199.12	2,158.31	7.45	8.67	-135.46	-41.20	263.62	341.43	327.23	14.21	24.033	
2,400.00	2,394.94	2,287.44	2,238.81	7.83	9.27	-135.25	-47.26	299.45	388.31	373.41	14.90	26.061	
2,500.00	2,494.41	2,375.74	2,319.28	8.21	9.89	-134.75	-53.32	335.27	435.23	419.63	15.60	27.900	
2,600.00	2,593.90	2,464.15	2,399.87	8.59	10.53	-134.18	-59.38	371.14	481.94	465.64	16.31	29.555	
2,700.00	2,693.44	2,552.69	2,480.56	8.97	11.18	-135.21	-65.46	407.05	528.40	511.38	17.02	31.049	
2,800.00	2,792.98	2,641.19	2,561.22	9.35	11.84	-134.59	-71.53	442.95	574.94	557.21	17.73	32.420	
2,900.00	2,892.59	2,729.90	2,642.08	9.73	12.51	-140.90	-77.62	478.94	621.04	602.59	18.45	33.661	
3,000.00	2,992.44	2,819.35	2,723.61	10.09	13.20	-155.90	-83.76	515.23	665.45	646.30	19.16	34.738	
3,100.00	3,092.41	2,909.64	2,805.90	10.45	13.89	-164.01	-89.96	551.86	707.89	688.03	19.86	35.645	
3,200.00	3,192.38	2,999.83	2,888.11	10.79	14.59	142.15	-96.15	588.45	750.31	729.75	20.56	36.499	
3,300.00	3,292.09	3,126.75	3,004.69	11.12	15.55	133.87	-104.51	637.85	794.40	772.75	21.66	36.680	
3,400.00	3,391.29	3,282.85	3,152.13	11.40	16.59	142.13	-113.04	688.30	835.69	812.79	22.90	36.495	
3,500.00	3,490.35	3,449.70	3,313.76	11.52	17.49	148.51	-119.91	728.90	871.20	847.32	23.88	36.481	
3,600.00	3,586.62	3,619.48	3,481.28	11.59	18.23	143.44	-124.46	755.79	908.57	884.00	24.57	36.972	
3,700.00	3,676.25	3,787.57	3,648.87	11.70	18.77	137.33	-126.50	767.86	950.78	925.74	25.04	37.965	
3,800.00	3,755.53	5,066.09	4,408.02	11.93	23.63	127.43	427.58	208.12	893.59	868.68	24.91	35.875	
3,900.00	3,822.36	5,140.67	4,408.47	12.35	24.62	128.10	480.02	155.09	847.70	820.56	27.14	31.233	
4,000.00	3,877.82	5,224.17	4,408.98	13.07	25.83	126.64	538.72	95.71	812.19	782.47	29.72	27.329	
4,100.00	3,931.59	5,308.76	4,409.50	14.03	27.15	124.11	598.19	35.56	779.97	747.29	32.68	23.866	
4,200.00	3,974.93	5,399.03	4,410.05	15.24	28.64	123.50	661.66	-28.63	754.49	718.61	35.88	21.029	
4,300.00	4,002.80	5,495.10	4,410.63	16.72	30.32	122.97	729.21	-96.94	739.42	700.21	39.20	18.861	
4,393.98	4,012.14	5,588.54	4,411.20	18.29	32.01	122.91	794.91	-163.39	734.43	692.23	42.20	17.405	
4,400.00	4,011.30	5,594.61	4,411.24	18.39	32.12	123.00	799.17	-167.70	734.40	692.07	42.34	17.346	
4,500.00	4,011.32	5,694.61	4,411.85	20.20	34.00	123.02	869.48	-238.81	734.93	689.50	45.44	16.175	
4,600.00	4,012.30	5,794.60	4,412.46	22.10	35.93	123.00	939.78	-309.92	734.76	686.09	48.67	15.096	
4,700.00	4,014.45	5,894.58	4,413.07	24.06	37.90	122.92	1,010.08	-381.01	732.97	680.96	52.00	14.095	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795) - Kimbeto Wash Unit 772H - Original Hole - rev1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	0.00 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Semi Major Axis (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Distance Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,800.00	4,017.24	5,994.51	4,413.68	26.06	39.90	122.89		1,080.33	-452.07	729.25	673.88	55.37	13.170	
4,900.00	4,020.70	6,094.37	4,414.29	28.09	41.94	122.90		1,150.54	-523.07	723.89	665.11	58.78	12.315	
4,974.03	4,022.74	6,168.37	4,414.74	29.64	43.46	122.87		1,202.57	-575.69	722.43	661.03	61.40	11.767	
5,000.00	4,023.01	6,194.33	4,414.90	30.19	44.00	122.82		1,220.82	-594.16	723.59	661.24	62.35	11.606	
5,100.00	4,025.14	6,294.30	4,415.51	32.33	46.08	122.62		1,291.10	-665.24	724.65	658.64	66.01	10.978	
5,200.00	4,027.28	6,394.28	4,416.12	34.49	48.19	122.44		1,361.40	-736.33	724.89	655.21	69.68	10.403	
5,299.26	4,028.64	6,493.53	4,416.72	36.64	50.29	122.38		1,431.18	-806.91	724.77	651.48	73.29	9.889	
5,300.00	4,028.73	6,494.27	4,416.73	36.66	50.31	122.39		1,431.70	-807.44	724.42	651.11	73.31	9.882	
5,400.00	4,029.22	6,594.26	4,417.34	38.84	52.45	122.37		1,502.01	-878.54	725.28	648.34	76.94	9.427	
5,500.00	4,030.10	6,694.23	4,417.95	41.06	54.60	122.25		1,572.29	-949.62	727.48	646.79	80.69	9.016	
5,600.00	4,031.36	6,794.18	4,418.56	43.28	56.76	122.08		1,642.56	-1,020.70	729.54	645.06	84.48	8.635	
5,700.00	4,033.66	6,894.15	4,419.17	45.51	58.93	121.89		1,712.85	-1,091.78	730.34	642.01	88.32	8.269	
5,800.00	4,036.37	6,994.11	4,419.78	47.73	61.11	121.71		1,783.13	-1,162.87	729.41	637.29	92.13	7.917	
5,900.00	4,037.39	7,094.01	4,420.39	49.92	63.29	121.86		1,853.37	-1,233.90	725.48	629.87	95.61	7.588	
6,000.00	4,039.35	7,193.85	4,421.00	52.11	65.49	121.99		1,923.56	-1,304.90	720.11	621.02	99.09	7.268	
6,100.00	4,041.49	7,293.73	4,421.61	54.31	67.69	122.07		1,993.78	-1,375.92	715.38	612.77	102.60	6.972	
6,200.00	4,043.97	7,393.62	4,422.22	56.52	69.90	122.12		2,064.02	-1,446.95	710.76	604.61	106.15	6.696	
6,300.00	4,045.58	7,493.47	4,422.82	58.72	72.11	122.35		2,134.22	-1,517.96	705.76	596.19	109.56	6.442	
6,400.00	4,044.97	7,593.24	4,423.43	60.92	74.32	122.77		2,204.37	-1,588.90	700.83	588.16	112.67	6.220	
6,500.00	4,044.31	7,693.11	4,424.04	63.13	76.54	122.98		2,274.58	-1,659.92	697.66	581.79	115.87	6.021	
6,600.00	4,044.33	7,793.08	4,424.65	65.37	78.77	123.13		2,344.87	-1,731.00	695.90	576.66	119.24	5.836	
6,647.40	4,044.51	7,840.47	4,424.94	66.44	79.83	123.17		2,378.19	-1,764.70	695.41	574.52	120.89	5.752	
6,700.00	4,044.85	7,893.06	4,425.26	67.63	81.00	123.13		2,415.16	-1,802.10	696.41	573.55	122.86	5.668	
6,800.00	4,046.20	7,993.04	4,425.87	69.91	83.24	122.98		2,485.45	-1,873.19	697.69	571.02	126.67	5.508	
6,900.00	4,045.78	8,093.02	4,426.48	72.19	85.48	122.96		2,555.75	-1,944.28	699.58	569.30	130.28	5.370	
7,000.00	4,044.81	8,193.00	4,427.09	74.46	87.72	123.03		2,626.04	-2,015.38	701.24	567.46	133.78	5.242	
7,100.00	4,044.41	8,292.99	4,427.70	76.73	89.97	123.11		2,696.35	-2,086.49	701.67	564.43	137.24	5.113	
7,200.00	4,044.23	8,392.97	4,428.31	78.99	92.21	123.24		2,766.64	-2,157.58	700.70	560.12	140.57	4.985	
7,210.05	4,044.16	8,403.02	4,428.37	79.21	92.44	123.25		2,773.71	-2,164.73	700.69	559.78	140.91	4.973	
7,300.00	4,042.98	8,492.96	4,428.92	81.25	94.46	123.35		2,836.93	-2,228.68	701.85	557.92	143.93	4.876	
7,400.00	4,041.57	8,592.94	4,429.53	83.53	96.71	123.50		2,907.23	-2,299.77	702.77	555.55	147.21	4.774	
7,500.00	4,040.65	8,692.92	4,430.14	85.80	98.97	123.61		2,977.53	-2,370.87	703.68	553.12	150.56	4.674	
7,600.00	4,039.88	8,792.91	4,430.75	88.07	101.22	123.71		3,047.83	-2,441.97	704.24	550.36	153.88	4.577	
7,700.00	4,039.55	8,892.90	4,431.36	90.35	103.48	123.78		3,118.13	-2,513.07	704.95	547.67	157.28	4.482	
7,800.00	4,040.31	8,992.85	4,431.97	92.65	105.74	123.65		3,188.40	-2,584.14	707.58	546.46	161.12	4.392	
7,900.00	4,041.57	9,092.80	4,432.58	94.95	108.00	123.45		3,258.67	-2,655.22	709.80	544.79	165.02	4.301	
8,000.00	4,041.95	9,192.79	4,433.19	97.23	110.26	123.43		3,328.97	-2,726.32	710.32	541.80	168.52	4.215	
8,078.58	4,042.30	9,271.35	4,433.67	99.02	112.04	123.46		3,384.21	-2,782.19	710.05	538.86	171.19	4.148	
8,100.00	4,042.54	9,292.77	4,433.80	99.51	112.53	123.46		3,399.27	-2,797.41	709.97	538.03	171.95	4.129	
8,200.00	4,044.94	9,392.75	4,434.41	101.80	114.79	123.27		3,469.56	-2,868.51	709.94	534.15	175.79	4.039	
8,300.00	4,047.43	9,492.73	4,435.02	104.09	117.06	123.14		3,539.85	-2,939.60	708.85	529.34	179.51	3.949	
8,343.66	4,048.40	9,536.38	4,435.29	105.09	118.05	123.10		3,570.54	-2,970.64	708.58	527.44	181.14	3.912	
8,400.00	4,049.18	9,592.71	4,435.63	106.38	119.33	123.04		3,610.15	-3,010.70	709.31	526.02	183.29	3.870	
8,500.00	4,051.28	9,692.67	4,436.24	108.68	121.60	122.83		3,680.43	-3,081.78	710.62	523.35	187.27	3.795	
8,600.00	4,052.09	9,792.61	4,436.85	110.99	123.86	122.67		3,750.69	-3,152.84	713.38	522.20	191.18	3.731	
8,700.00	4,052.52	9,892.49	4,437.46	113.30	126.13	122.47		3,820.92	-3,223.87	717.47	522.27	195.20	3.676	
8,800.00	4,050.90	9,992.41	4,438.07	115.61	128.40	122.43		3,891.16	-3,294.91	721.62	522.87	198.75	3.631	
8,900.00	4,049.57	10,092.33	4,438.68	117.92	130.67	122.43		3,961.42	-3,365.97	725.57	523.22	202.34	3.586	
9,000.00	4,048.66	10,192.27	4,439.29	120.23	132.95	122.42		4,031.68	-3,437.03	729.01	523.06	205.95	3.540	
9,100.00	4,049.41	10,292.21	4,439.90	122.53	135.22	122.27		4,101.95	-3,508.10	731.60	521.77	209.83	3.487	
9,200.00	4,049.60	10,392.20	4,440.51	124.83	137.49	122.23		4,172.25	-3,579.21	733.03	519.63	213.39	3.435	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795) - Kimbeto Wash Unit 772H - Original Hole - rev1													Offset Site Error: 0.00 ft	
Survey Program: 0-MWD													Offset Well Error: 0.00 ft	
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Rule Assigned:		Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,300.00	4,050.28	10,492.20	4,441.12	127.12	139.77	122.22	4,242.56	-3,650.31	733.01	516.17	216.84	3.380		
9,400.00	4,051.40	10,592.20	4,441.73	129.40	142.05	122.22	4,312.87	-3,721.42	732.03	511.80	220.23	3.324		
9,500.00	4,053.23	10,692.19	4,442.34	131.69	144.33	122.15	4,383.17	-3,792.52	731.30	507.45	223.84	3.267		
9,600.00	4,055.32	10,792.18	4,442.95	133.98	146.60	122.04	4,453.47	-3,863.62	730.63	503.10	227.53	3.211		
9,700.00	4,057.12	10,892.16	4,443.56	136.26	148.88	122.01	4,523.76	-3,934.72	728.83	497.90	230.93	3.156		
9,758.64	4,057.86	10,950.80	4,443.92	137.60	150.22	122.02	4,564.99	-3,976.41	728.11	495.22	232.89	3.126		
9,800.00	4,058.14	10,992.15	4,444.17	138.54	151.16	122.01	4,594.06	-4,005.82	728.38	494.03	234.34	3.108		
9,900.00	4,059.03	11,092.12	4,444.78	140.85	153.44	121.91	4,664.35	-4,076.91	730.20	492.07	238.13	3.066		
10,000.00	4,058.46	11,192.09	4,445.39	143.15	155.72	121.87	4,734.64	-4,147.99	732.56	490.97	241.59	3.032		
10,100.00	4,056.87	11,292.06	4,446.00	145.45	158.00	121.99	4,804.92	-4,219.08	734.31	489.67	244.63	3.002		
10,200.00	4,055.14	11,392.03	4,446.61	147.73	160.28	122.16	4,875.21	-4,290.17	735.45	487.96	247.49	2.972		
10,300.00	4,053.34	11,456.00	4,447.00	150.02	161.74	122.27	4,920.19	-4,335.66	737.18	488.04	249.14	2.959		
10,400.00	4,051.44	11,456.00	4,447.00	152.30	161.74	122.23	4,920.19	-4,335.66	749.17	504.82	244.34	3.066		
10,500.00	4,049.07	11,456.00	4,447.00	154.58	161.74	122.28	4,920.19	-4,335.66	774.03	539.88	234.15	3.306		
10,600.00	4,047.75	11,456.00	4,447.00	156.85	161.74	122.36	4,920.19	-4,335.66	810.02	589.17	220.85	3.668		
10,700.00	4,046.27	11,456.00	4,447.00	159.12	161.74	122.07	4,920.19	-4,335.66	855.76	649.74	206.02	4.154		
10,800.00	4,045.05	11,456.00	4,447.00	161.40	161.74	123.00	4,920.19	-4,335.66	909.76	718.65	191.11	4.760		
10,900.00	4,046.56	11,456.00	4,447.00	163.67	161.74	123.06	4,920.19	-4,335.66	970.67	793.27	177.40	5.472		
11,000.00	4,048.77	11,456.00	4,447.00	165.94	161.74	124.49	4,920.19	-4,335.66	1,036.59	872.06	164.53	6.300		
11,100.00	4,053.59	11,456.00	4,447.00	168.23	161.74	125.64	4,920.19	-4,335.66	1,107.94	954.48	153.47	7.219		
11,200.00	4,058.24	11,456.00	4,447.00	170.52	161.74	124.36	4,920.19	-4,335.66	1,183.59	1,040.00	143.59	8.243		
11,300.00	4,060.91	11,456.00	4,447.00	172.81	161.74	124.45	4,920.19	-4,335.66	1,263.51	1,128.62	134.89	9.367		
11,400.00	4,062.65	11,456.00	4,447.00	175.10	161.74	122.22	4,920.19	-4,335.66	1,346.28	1,219.14	127.14	10.589		
11,500.00	4,061.99	11,456.00	4,447.00	177.38	161.74	120.61	4,920.19	-4,335.66	1,431.64	1,311.47	120.18	11.913		
11,600.00	4,060.42	11,456.00	4,447.00	179.66	161.74	119.26	4,920.19	-4,335.66	1,518.40	1,404.62	113.78	13.345		
11,700.00	4,058.44	11,456.00	4,447.00	181.92	161.74	119.51	4,920.19	-4,335.66	1,606.36	1,498.42	107.94	14.882		
11,800.00	4,057.77	11,456.00	4,447.00	184.21	161.74	125.00	4,920.19	-4,335.66	1,696.67	1,593.42	103.25	16.432		
11,900.00	4,058.46	11,456.00	4,447.00	186.53	161.74	125.62	4,920.19	-4,335.66	1,788.76	1,689.27	99.49	17.979		
12,000.00	4,056.65	11,456.00	4,447.00	188.84	161.74	121.14	4,920.19	-4,335.66	1,882.11	1,786.00	96.11	19.583		
12,100.00	4,053.34	11,456.00	4,447.00	191.15	161.74	119.43	4,920.19	-4,335.66	1,976.08	1,883.13	92.95	21.260		
12,200.00	4,049.43	11,456.00	4,447.00	193.45	161.74	118.27	4,920.19	-4,335.66	2,070.49	1,980.48	90.01	23.004		



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795) - Kimbeto Wash Unit 772H - Original Hole - Surveys Original Hole													Offset Site Error:	0.00 ft
Survey Program: Reference		Offset		Semi Major Axis		Offset Wellbore Centre			Rule Assigned: Distance				Offset Well Error:	0.00 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	0.00	0.00	89.98	0.01	20.06	20.06					
100.00	100.00	100.04	100.04	0.13	0.17	-163.87	-0.02	19.95	19.97	19.68	0.30	67.460		
200.00	200.00	200.09	200.09	0.31	0.33	-163.64	-0.12	19.62	19.72	19.07	0.64	30.692		
300.00	300.00	300.13	300.13	0.49	0.50	-163.24	-0.29	19.08	19.28	18.29	0.99	19.505		
400.00	400.00	400.17	400.16	0.67	0.67	-162.66	-0.52	18.31	18.68	17.34	1.33	13.992		
500.00	500.00	499.99	499.99	1.01	1.01	-75.17	-0.54	17.90	18.22	16.21	2.01	9.047		
600.00	599.99	600.01	600.00	1.36	1.35	-57.69	-0.58	17.92	17.82	15.12	2.71	6.588		
700.00	699.99	700.02	700.01	1.71	1.70	-92.96	-0.37	17.77	17.62	14.21	3.41	5.172		
800.00	799.99	799.97	799.96	2.06	2.04	-31.92	-0.34	17.83	17.33	13.23	4.10	4.226		
879.05	879.04	879.02	879.01	2.34	2.32	-42.07	-0.05	17.95	17.20	12.55	4.65	3.698		
900.00	899.99	899.99	899.98	2.41	2.39	-45.67	0.02	17.96	17.30	12.50	4.80	3.606		
1,000.00	999.99	999.97	999.96	2.76	2.74	-11.59	-0.07	17.97	16.77	11.27	5.50	3.051		
1,100.00	1,099.98	1,099.94	1,099.93	3.11	3.09	-29.75	0.09	18.28	16.11	9.91	6.19	2.601		
1,200.00	1,199.98	1,199.99	1,199.98	3.46	3.43	-27.23	0.10	18.48	15.33	8.44	6.89	2.224		
1,256.51	1,256.48	1,256.37	1,256.36	3.66	3.63	-28.09	0.12	18.54	14.92	7.63	7.29	2.046 CC, ES		
1,300.00	1,299.97	1,299.61	1,299.59	3.81	3.78	-27.49	0.06	19.29	15.30	7.71	7.59	2.015 SF		
1,400.00	1,399.97	1,398.49	1,398.31	4.17	4.13	-47.42	-0.58	24.60	19.69	11.42	8.27	2.381		
1,500.00	1,499.96	1,496.35	1,495.44	4.53	4.48	-51.54	-2.56	36.24	30.62	21.70	8.92	3.434		
1,600.00	1,599.91	1,592.43	1,589.90	4.88	4.84	-116.97	-6.23	53.37	48.85	39.31	9.54	5.122		
1,700.00	1,699.54	1,685.33	1,680.16	5.24	5.21	-125.68	-10.67	74.86	76.31	66.17	10.14	7.525		
1,800.00	1,798.76	1,774.96	1,766.18	5.59	5.61	-140.61	-14.89	99.63	111.96	101.22	10.74	10.426		
1,900.00	1,897.99	1,862.34	1,849.18	5.95	6.03	-143.98	-18.05	126.76	151.94	140.62	11.32	13.427		
2,000.00	1,997.32	1,945.03	1,926.76	6.32	6.47	-140.39	-21.06	155.21	194.48	182.65	11.83	16.441		
2,100.00	2,096.65	2,023.65	1,999.04	6.69	6.93	-139.02	-24.71	185.90	241.08	228.79	12.30	19.602		
2,200.00	2,196.02	2,103.54	2,071.09	7.07	7.45	-136.28	-29.33	220.08	290.72	277.88	12.83	22.658		
2,300.00	2,295.47	2,193.54	2,152.09	7.45	8.07	-136.64	-34.77	258.93	340.21	326.64	13.56	25.083		
2,400.00	2,394.94	2,284.70	2,234.61	7.83	8.72	-136.38	-40.26	297.28	388.53	374.22	14.32	27.140		
2,500.00	2,494.41	2,363.00	2,305.50	8.21	9.30	-135.88	-44.95	330.21	436.96	422.08	14.88	29.372		
2,600.00	2,593.90	2,363.00	2,305.50	8.59	9.30	-135.52	-44.95	330.21	494.36	480.19	14.17	34.897		
2,700.00	2,693.44	2,363.00	2,305.50	8.97	9.30	-136.82	-44.95	330.21	563.58	550.15	13.43	41.971		
2,800.00	2,792.98	2,363.00	2,305.50	9.35	9.30	-136.34	-44.95	330.21	641.03	628.24	12.78	50.146		
2,900.00	2,892.59	2,363.00	2,305.50	9.73	9.30	-144.14	-44.95	330.21	723.74	711.49	12.25	59.079		
3,000.00	2,992.44	2,363.00	2,305.50	10.09	9.30	-161.46	-44.95	330.21	809.36	797.56	11.80	68.569		
3,100.00	3,092.41	2,363.00	2,305.50	10.45	9.30	-170.77	-44.95	330.21	896.86	885.42	11.44	78.427		
3,200.00	3,192.38	2,363.00	2,305.50	10.79	9.30	131.54	-44.95	330.21	986.59	975.44	11.15	88.446		
3,300.00	3,292.09	2,363.00	2,305.50	11.12	9.30	115.44	-44.95	330.21	1,079.02	1,068.05	10.97	98.362		
3,400.00	3,391.29	2,363.00	2,305.50	11.40	9.30	119.22	-44.95	330.21	1,173.57	1,162.70	10.87	107.973		
3,500.00	3,490.35	2,363.00	2,305.50	11.52	9.30	119.24	-44.95	330.21	1,269.52	1,258.72	10.80	117.544		
3,600.00	3,586.62	2,363.00	2,305.50	11.59	9.30	69.01	-44.95	330.21	1,366.76	1,355.96	10.81	126.489		
3,700.00	3,676.25	2,363.00	2,305.50	11.70	9.30	40.72	-44.95	330.21	1,462.28	1,451.38	10.89	134.220		
3,800.00	3,755.53	2,363.00	2,305.50	11.93	9.30	27.09	-44.95	330.21	1,552.87	1,541.80	11.08	140.209		
3,900.00	3,822.36	2,363.00	2,305.50	12.35	9.30	20.99	-44.95	330.21	1,636.86	1,625.50	11.35	144.203		
4,000.00	3,877.82	2,363.00	2,305.50	13.07	9.30	19.23	-44.95	330.21	1,715.14	1,703.39	11.75	146.023		
4,100.00	3,931.59	2,363.00	2,305.50	14.03	9.30	18.59	-44.95	330.21	1,794.45	1,782.27	12.18	147.368		
4,200.00	3,974.93	2,363.00	2,305.50	15.24	9.30	15.75	-44.95	330.21	1,868.32	1,855.69	12.63	147.952		
4,300.00	4,002.80	2,363.00	2,305.50	16.72	9.30	13.89	-44.95	330.21	1,933.56	1,920.41	13.15	147.057		
4,400.00	4,011.30	2,363.00	2,305.50	18.39	9.30	12.01	-44.95	330.21	1,986.46	1,972.72	13.74	144.587		
4,500.00	4,011.32	2,363.00	2,305.50	20.20	9.30	12.07	-44.95	330.21	2,036.25	2,021.84	14.41	141.324		
4,600.00	4,012.30	2,363.00	2,305.50	22.10	9.30	12.33	-44.95	330.21	2,090.37	2,075.31	15.07	138.739		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795) - Kimbeto Wash Unit 774H - Original Hole - Surveys Original Hole												Offset Site Error:	0.00 ft
Survey Program: 406-MWD, 3554-MWD, 20066-MWD												Offset Well Error:	0.00 ft
Measured Depth (ft)	Reference Vertical Depth (ft)	Measured Depth (ft)	Offset Vertical Depth (ft)	Reference	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre		Distance Between Centres (ft)		Minimum Separation (ft)	Separation Factor	Warning
+N/-S (ft)	+E/-W (ft)												
0.00	0.00	0.00	0.00	0.00	0.00	-90.02	-0.01	-20.06	20.06				
100.00	100.00	99.95	99.95	0.13	0.17	16.07	-0.01	-20.18	20.16	19.87	0.30	68.126	
200.00	200.00	199.90	199.90	0.31	0.33	16.10	-0.02	-20.55	20.46	19.82	0.64	31.868 ES	
300.00	300.00	299.85	299.85	0.49	0.50	16.16	-0.03	-21.16	20.96	19.97	0.99	21.210	
400.00	400.00	399.79	399.79	0.67	0.67	16.23	-0.05	-22.02	21.66	20.32	1.33	16.230	
500.00	500.00	499.71	499.70	1.01	1.01	106.74	-0.06	-23.17	22.86	20.83	2.02	11.297	
600.00	599.99	599.77	599.75	1.36	1.37	128.49	-0.18	-24.31	24.47	21.74	2.73	8.967	
700.00	699.99	699.79	699.77	1.71	1.73	96.66	-0.20	-25.30	25.60	22.16	3.44	7.442	
800.00	799.99	799.81	799.89	2.06	2.09	159.01	-0.18	-25.91	26.60	22.45	4.15	6.413	
900.00	899.99	899.95	899.93	2.41	2.45	147.89	-0.23	-26.17	27.12	22.27	4.86	5.586	
1,000.00	999.99	999.71	999.68	2.76	2.81	-178.72	-0.69	-26.68	28.16	22.60	5.56	5.064	
1,100.00	1,099.98	1,098.85	1,098.75	3.11	3.16	159.90	-3.17	-29.01	31.47	25.21	6.26	5.025	
1,200.00	1,199.98	1,197.08	1,196.67	3.46	3.52	157.50	-8.51	-34.56	38.58	31.63	6.96	5.547	
1,300.00	1,299.97	1,293.85	1,292.61	3.81	3.89	150.43	-16.55	-44.16	50.84	43.21	7.62	6.667	
1,400.00	1,399.97	1,389.12	1,386.28	4.17	4.27	121.85	-26.88	-58.09	68.78	60.51	8.27	8.317	
1,500.00	1,499.96	1,483.46	1,478.09	4.53	4.67	108.24	-40.28	-75.10	91.29	82.38	8.91	10.244	
1,600.00	1,599.91	1,576.32	1,567.53	4.88	5.11	36.64	-56.82	-93.80	115.69	106.17	9.52	12.151	
1,700.00	1,699.94	1,667.54	1,654.07	5.24	5.57	26.08	-77.17	-114.18	138.99	128.89	10.09	13.771	
1,800.00	1,798.76	1,760.25	1,740.59	5.59	6.10	11.06	-101.26	-137.21	162.27	151.57	10.70	15.167	
1,900.00	1,897.99	1,861.34	1,834.62	5.95	6.69	6.25	-128.34	-162.54	186.24	174.76	11.49	16.211	
2,000.00	1,997.32	1,957.99	1,925.39	6.32	7.27	8.13	-152.45	-185.31	208.83	196.63	12.20	17.113	
2,100.00	2,096.65	2,052.71	2,013.91	6.69	7.86	8.12	-176.74	-208.72	233.05	220.15	12.90	18.069	
2,200.00	2,196.02	2,150.72	2,105.40	7.07	8.48	9.56	-202.07	-233.09	257.92	244.26	13.65	18.888	
2,300.00	2,295.47	2,254.01	2,202.32	7.45	9.14	8.17	-227.98	-257.66	282.26	267.76	14.49	19.478	
2,400.00	2,394.94	2,349.05	2,291.89	7.83	9.74	7.56	-250.88	-279.66	305.60	290.40	15.21	20.095	
2,500.00	2,494.41	2,438.63	2,375.84	8.21	10.32	7.42	-273.06	-301.69	330.64	314.78	15.85	20.854	
2,600.00	2,593.90	2,535.34	2,465.99	8.59	10.97	7.57	-297.73	-326.54	357.15	340.54	16.61	21.503	
2,700.00	2,693.44	2,636.71	2,560.81	8.97	11.64	6.18	-322.81	-352.15	383.35	365.93	17.43	21.999	
2,800.00	2,792.98	2,740.00	2,657.97	9.35	12.31	6.35	-347.33	-377.20	408.05	389.79	18.26	22.347	
2,900.00	2,892.59	2,828.04	2,740.72	9.73	12.89	0.41	-368.56	-398.49	433.78	414.87	18.91	22.940	
3,000.00	2,992.44	2,933.67	2,839.98	10.09	13.59	-14.51	-394.05	-424.07	462.87	443.10	19.77	23.410	
3,100.00	3,092.41	3,024.10	2,925.16	10.45	14.18	-23.38	-415.48	-445.59	494.33	473.87	20.46	24.163	
3,200.00	3,192.38	3,131.65	3,026.79	10.79	14.87	-76.89	-440.11	-470.70	526.04	504.72	21.32	24.674	
3,300.00	3,292.09	3,248.43	3,138.17	11.12	15.58	-85.17	-464.33	-496.04	555.32	533.09	22.23	24.982	
3,400.00	3,391.29	3,374.81	3,260.61	11.40	16.28	-79.71	-486.24	-518.39	578.58	555.48	23.10	25.049	
3,500.00	3,490.35	3,495.32	3,378.44	11.52	16.80	-75.88	-504.33	-535.95	596.57	572.96	23.62	25.262	
3,600.00	3,586.62	3,642.48	3,523.90	11.59	17.11	-82.63	-520.56	-550.80	607.52	583.75	23.78	25.551	
3,700.00	3,676.25	3,771.21	3,652.29	11.70	17.21	-92.70	-528.12	-555.55	613.41	589.51	23.90	25.669	
3,800.00	3,755.53	3,862.58	3,743.63	11.93	17.26	-96.61	-530.39	-556.32	622.83	598.46	24.37	25.555	
3,900.00	3,822.36	3,972.84	3,853.51	12.35	17.31	-102.78	-526.98	-562.00	641.17	616.10	25.07	25.572	
4,000.00	3,877.82	4,097.98	3,974.01	13.07	17.37	-108.75	-503.36	-585.24	662.63	636.77	25.87	25.616	
4,100.00	3,931.59	4,233.05	4,095.73	14.03	17.50	-114.79	-462.43	-626.45	684.16	657.48	26.69	25.636	
4,200.00	3,974.93	4,485.80	4,276.96	15.24	18.04	-120.19	-340.54	-748.41	701.62	674.96	26.65	26.324	
4,300.00	4,002.80	4,624.42	4,346.75	16.72	18.62	-121.69	-256.46	-833.67	714.37	686.03	28.33	25.212	
4,400.00	4,011.30	4,863.58	4,416.27	18.39	20.57	-124.02	-93.96	-993.38	724.91	694.68	30.23	23.980	
4,500.00	4,011.32	5,018.85	4,423.72	20.20	22.58	-124.68	17.44	-1,101.12	724.84	691.59	33.25	21.802	
4,600.00	4,012.30	5,116.50	4,425.23	22.10	24.08	-124.86	88.52	-1,168.05	722.22	685.92	36.30	19.896	
4,693.87	4,014.22	5,201.95	4,428.84	23.94	25.50	-125.09	150.63	-1,226.64	721.53	682.31	39.22	18.397	
4,700.00	4,014.45	5,208.01	4,429.12	24.06	25.61	-125.10	155.02	-1,230.80	721.48	682.06	39.42	18.305	
4,800.00	4,017.24	5,301.48	4,433.10	26.06	27.27	-125.22	222.51	-1,295.36	722.53	679.87	42.67	16.935	
4,900.00	4,020.70	5,397.82	4,436.74	28.09	29.08	-125.06	290.89	-1,363.11	725.59	679.49	46.10	15.741	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795) - Kimbeto Wash Unit 774H - Original Hole - Surveys Original Hole													Offset Site Error:	0.00 ft
Survey Program: 406-MWD, 3554-MWD, 20066-MWD													Offset Well Error:	0.00 ft
Measured Depth (ft)	Reference Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Distance Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
5,000.00	4,023.01	5,508.48	4,439.71	30.19	31.23	-125.10	369.43	-1,441.01	724.41	674.90	49.52	14.629		
5,100.00	4,025.14	5,616.29	4,441.14	32.33	33.37	-125.24	446.70	-1,516.18	720.53	667.59	52.94	13.612		
5,200.00	4,027.28	5,728.31	4,440.92	34.49	35.64	-125.27	527.31	-1,593.95	716.23	659.79	56.44	12.690		
5,300.00	4,028.73	5,832.87	4,437.97	36.66	37.79	-125.09	602.27	-1,666.78	712.15	652.06	60.09	11.852		
5,400.00	4,029.22	5,930.51	4,434.98	38.84	39.83	-125.03	672.52	-1,734.53	707.40	643.74	63.66	11.112		
5,500.00	4,030.10	6,010.35	4,433.23	41.06	41.52	-125.00	729.02	-1,790.91	702.81	635.63	67.18	10.462		
5,600.00	4,031.36	6,109.03	4,431.63	43.28	43.64	-124.90	797.84	-1,861.61	699.46	628.64	70.83	9.875		
5,700.00	4,033.66	6,216.13	4,429.85	45.51	45.96	-124.67	872.95	-1,937.93	695.76	621.17	74.60	9.327		
5,796.92	4,035.82	6,313.57	4,428.12	47.66	48.08	-124.45	941.68	-2,006.97	693.50	615.20	78.30	8.857		
5,800.00	4,036.37	6,316.72	4,428.05	47.73	48.14	-124.43	943.91	-2,009.21	692.75	614.32	78.43	8.833		
5,900.00	4,037.39	6,416.04	4,425.79	49.92	50.31	-124.06	1,013.96	-2,079.58	694.23	611.84	82.40	8.426		
6,000.00	4,039.35	6,498.00	4,425.31	52.11	52.12	-123.68	1,071.05	-2,138.37	698.05	611.67	86.37	8.082		
6,100.00	4,041.49	6,581.37	4,426.77	54.31	53.97	-123.36	1,128.29	-2,198.97	703.53	613.29	90.24	7.796		
6,200.00	4,043.97	6,688.87	4,429.32	56.52	56.37	-123.07	1,202.06	-2,277.13	709.01	614.72	94.28	7.520		
6,300.00	4,045.58	6,790.15	4,431.19	58.72	58.64	-122.74	1,271.97	-2,350.38	715.06	616.78	98.28	7.276		
6,400.00	4,044.97	6,899.24	4,432.41	60.92	61.08	-122.48	1,347.76	-2,428.83	722.53	620.27	102.27	7.065		
6,500.00	4,044.31	7,002.85	4,433.26	63.13	63.39	-122.32	1,420.31	-2,502.80	727.54	621.43	106.11	6.857		
6,600.00	4,044.33	7,105.17	4,434.15	65.37	65.68	-122.30	1,492.46	-2,575.35	729.85	619.99	109.86	6.643		
6,700.00	4,044.85	7,203.38	4,435.19	67.63	67.87	-122.35	1,561.73	-2,644.96	729.40	615.94	113.46	6.429		
6,800.00	4,046.20	7,302.44	4,436.87	69.91	70.09	-122.48	1,631.70	-2,715.05	727.48	610.49	116.99	6.219		
6,900.00	4,045.78	7,405.31	4,438.99	72.19	72.39	-122.76	1,704.60	-2,787.60	726.81	606.50	120.32	6.041		
7,000.00	4,044.81	7,517.48	4,440.82	74.46	74.90	-123.07	1,784.80	-2,866.00	726.01	602.44	123.57	5.875		
7,100.00	4,044.41	7,619.71	4,440.86	76.73	77.18	-123.18	1,858.25	-2,937.10	724.54	597.53	127.01	5.705		
7,200.00	4,044.23	7,724.00	4,439.04	78.99	79.52	-123.08	1,932.89	-3,009.92	723.56	592.80	130.76	5.533		
7,274.13	4,043.53	7,781.82	4,438.07	80.67	80.82	-123.07	1,973.92	-3,050.64	723.11	589.66	133.44	5.419		
7,300.00	4,042.98	7,800.56	4,437.99	81.25	81.24	-123.11	1,987.01	-3,064.06	723.00	588.74	134.26	5.385		
7,400.00	4,041.57	7,886.49	4,438.62	83.53	83.20	-123.15	2,046.21	-3,126.34	725.97	588.26	137.72	5.272		
7,500.00	4,040.65	7,985.18	4,440.35	85.80	85.45	-123.23	2,113.85	-3,198.18	729.42	588.19	141.23	5.165		
7,600.00	4,039.88	8,076.96	4,442.62	88.07	87.55	-123.33	2,176.81	-3,264.92	733.38	588.77	144.61	5.072		
7,700.00	4,039.55	8,196.82	4,444.43	90.35	90.29	-123.34	2,258.66	-3,352.44	736.62	588.19	148.43	4.963		
7,800.00	4,040.31	8,298.37	4,442.88	92.65	92.61	-123.22	2,328.20	-3,426.42	734.76	582.52	152.24	4.826		
7,900.00	4,041.57	8,402.36	4,441.37	94.95	94.99	-123.09	2,399.90	-3,501.73	732.25	576.17	156.08	4.692		
7,944.18	4,041.94	8,446.13	4,440.73	95.96	95.98	-123.02	2,430.14	-3,533.36	731.77	573.98	157.78	4.638		
8,000.00	4,041.95	8,502.72	4,439.86	97.23	97.28	-122.91	2,469.21	-3,574.29	732.28	572.28	160.00	4.577		
8,100.00	4,042.54	8,601.88	4,437.99	99.51	99.54	-122.65	2,537.76	-3,645.92	732.67	568.61	164.06	4.466		
8,200.00	4,044.94	8,698.09	4,438.01	101.80	101.74	-122.50	2,604.37	-3,715.34	731.67	563.72	167.95	4.356		
8,300.00	4,047.43	8,802.11	4,438.23	104.09	104.11	-122.33	2,677.16	-3,789.64	730.89	559.00	171.89	4.252		
8,400.00	4,049.18	8,895.73	4,439.06	106.38	106.24	-122.28	2,742.46	-3,856.73	729.99	554.48	175.51	4.159		
8,500.00	4,051.28	8,994.06	4,440.86	108.68	108.49	-122.32	2,811.01	-3,927.19	728.40	549.45	178.94	4.071		
8,600.00	4,052.09	9,094.72	4,442.50	110.99	110.79	-122.50	2,881.10	-3,999.44	726.75	544.61	182.14	3.990		
8,700.00	4,052.52	9,197.17	4,443.70	113.30	113.13	-122.72	2,952.38	-4,073.01	724.03	538.84	185.19	3.910		
8,800.00	4,050.90	9,306.65	4,444.29	115.61	115.63	-123.01	3,028.95	-4,151.26	722.70	534.62	188.07	3.843		
8,900.00	4,049.57	9,421.99	4,443.55	117.92	118.25	-123.27	3,110.76	-4,232.55	719.46	528.59	190.86	3.770		
9,000.00	4,048.66	9,521.81	4,442.70	120.23	120.50	-123.48	3,182.36	-4,302.10	715.20	521.55	193.65	3.693		
9,100.00	4,049.41	9,624.61	4,441.66	122.53	122.82	-123.58	3,256.21	-4,373.59	709.78	513.17	196.61	3.610		
9,200.00	4,049.60	9,723.93	4,440.32	124.83	125.07	-123.63	3,327.75	-4,442.48	705.70	505.97	199.73	3.533		
9,300.00	4,050.28	9,811.45	4,439.87	127.12	127.05	-123.61	3,390.14	-4,503.85	703.84	500.63	203.21	3.464		
9,400.00	4,051.40	9,910.99	4,439.61	129.40	129.32	-123.52	3,460.92	-4,573.84	702.84	496.07	206.77	3.399		
9,451.03	4,052.25	9,950.46	4,439.85	130.57	130.22	-123.49	3,488.73	-4,601.84	702.57	493.96	208.61	3.368		
9,500.00	4,053.23	9,988.77	4,440.50	131.69	131.09	-123.46	3,515.40	-4,629.35	702.84	492.53	210.31	3.342		
9,600.00	4,055.32	10,092.38	4,442.88	133.98	133.47	-123.44	3,587.34	-4,703.88	703.83	490.03	213.80	3.292		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795) - Kimbeto Wash Unit 774H - Original Hole - Surveys Original Hole													Offset Site Error:	0.00 ft
Survey Program:		406-MWD, 3554-MWD, 20066-MWD					Rule Assigned:			Offset Well Error:		0.00 ft		
Reference	Vertical	Measured	Vertical	Reference	Offset	Highside	Offset Wellbore Centre		Distance		Minimum	Separation	Warning	
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	Toolface (°)	+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Ellipses (ft)	Separation (ft)	Factor		
9,700.00	4,057.12	10,204.29	4,444.90	136.26	136.02	-123.38	3,665.77	-4,783.68	705.25	487.87	217.38	3.244		
9,800.00	4,058.14	10,320.20	4,445.69	138.54	138.65	-123.42	3,748.62	-4,864.73	703.89	483.52	220.37	3.194		
9,900.00	4,059.03	10,406.03	4,446.37	140.85	140.60	-123.60	3,810.56	-4,924.13	699.79	476.70	223.09	3.137		
9,939.83	4,059.24	10,433.84	4,446.92	141.77	141.24	-123.67	3,830.17	-4,943.85	699.24	475.08	224.16	3.119		
10,000.00	4,058.46	10,483.18	4,448.32	143.15	142.36	-123.81	3,864.28	-4,979.47	700.46	474.89	225.58	3.105		
10,100.00	4,056.87	10,589.56	4,451.24	145.45	144.81	-124.06	3,937.58	-5,056.51	703.92	475.66	228.26	3.084		
10,200.00	4,055.14	10,704.34	4,452.42	147.73	147.44	-124.23	4,017.72	-5,138.67	706.10	474.99	231.11	3.055		
10,300.00	4,053.34	10,806.95	4,452.52	150.02	149.79	-124.34	4,089.97	-5,211.52	707.47	473.48	233.99	3.023		
10,400.00	4,051.44	10,943.81	4,449.70	152.30	152.89	-124.37	4,187.84	-5,307.10	706.86	470.39	236.46	2.989		
10,500.00	4,049.07	11,025.00	4,447.24	154.58	154.73	-124.36	4,246.10	-5,363.60	705.78	465.76	240.02	2.941		
10,503.09	4,049.01	11,025.00	4,447.24	154.65	154.73	-124.36	4,246.10	-5,363.60	705.77	465.61	240.16	2.939		
10,600.00	4,047.75	11,107.20	4,446.50	156.85	156.61	-124.34	4,304.13	-5,421.81	706.71	463.26	243.45	2.903		
10,700.00	4,046.27	11,201.59	4,446.84	159.12	158.77	-124.36	4,370.39	-5,489.02	709.62	462.96	246.66	2.877		
10,800.00	4,045.05	11,316.52	4,447.29	161.40	161.39	-124.39	4,451.69	-5,570.26	712.23	462.52	249.71	2.852		
10,900.00	4,046.56	11,418.18	4,447.23	163.67	163.70	-124.33	4,524.90	-5,640.79	710.58	457.63	252.94	2.809		
10,913.36	4,046.79	11,427.68	4,447.28	163.97	163.91	-124.31	4,531.72	-5,647.40	710.56	457.09	253.48	2.803		
11,000.00	4,048.77	11,497.00	4,448.43	165.94	165.49	-124.17	4,580.50	-5,696.64	712.09	455.18	256.91	2.772		
11,100.00	4,053.59	11,586.87	4,450.80	168.23	167.56	-123.95	4,642.67	-5,761.50	712.48	451.60	260.88	2.731		
11,200.00	4,058.24	11,708.75	4,451.72	170.52	170.36	-123.58	4,727.83	-5,848.66	711.04	445.94	265.10	2.682		
11,300.00	4,060.91	11,807.05	4,450.70	172.81	172.61	-123.34	4,796.79	-5,918.71	709.09	440.00	269.10	2.635		
11,365.13	4,062.29	11,867.28	4,449.87	174.30	173.99	-123.16	4,838.64	-5,962.01	708.54	436.71	271.83	2.607		
11,400.00	4,062.65	11,901.29	4,449.32	175.10	174.77	-123.07	4,862.11	-5,986.62	708.59	435.32	273.28	2.593		
11,500.00	4,061.99	12,001.13	4,447.17	177.38	177.07	-122.83	4,930.67	-6,059.18	710.33	432.93	277.40	2.561		
11,600.00	4,060.42	12,100.21	4,446.44	179.66	179.35	-122.73	4,999.47	-6,130.46	713.70	432.64	281.06	2.539		
11,700.00	4,058.44	12,200.81	4,446.60	181.92	181.66	-122.68	5,069.41	-6,202.77	718.58	433.96	284.62	2.525		
11,800.00	4,057.77	12,309.42	4,446.66	184.21	184.15	-122.76	5,145.71	-6,280.06	718.84	431.37	287.47	2.501		
11,900.00	4,058.46	12,404.53	4,447.02	186.53	186.32	-122.93	5,213.12	-6,347.17	715.12	425.40	289.72	2.468		
11,980.20	4,057.55	12,477.42	4,448.47	188.38	187.99	-123.21	5,264.56	-6,398.78	713.95	423.06	290.90	2.454		
12,000.00	4,056.65	12,495.74	4,448.94	188.84	188.41	-123.32	5,277.45	-6,411.79	714.20	423.20	291.00	2.454		
12,100.00	4,053.34	12,591.25	4,451.83	191.15	190.60	-123.79	5,344.47	-6,479.77	715.96	424.04	291.92	2.453		
12,200.00	4,049.43	12,690.07	4,454.84	193.45	192.87	-124.27	5,413.55	-6,550.37	719.09	426.19	292.90	2.455		
12,300.00	4,045.35	12,793.92	4,457.34	195.74	195.25	-124.71	5,485.98	-6,624.75	722.82	428.61	294.21	2.457		
12,400.00	4,042.23	12,888.97	4,459.80	198.03	197.43	-125.05	5,552.52	-6,692.57	726.88	430.98	295.90	2.456		
12,500.00	4,041.18	13,005.88	4,461.68	200.31	200.12	-125.16	5,634.16	-6,776.23	730.14	431.55	298.59	2.445		
12,600.00	4,041.11	13,104.39	4,461.30	202.60	202.38	-125.09	5,703.14	-6,846.57	730.96	429.10	301.87	2.421		
12,700.00	4,042.56	13,212.45	4,459.75	204.89	204.86	-124.87	5,778.81	-6,923.69	729.59	424.07	305.52	2.388		
12,800.00	4,044.61	13,309.87	4,457.28	207.18	207.09	-124.54	5,846.69	-6,993.52	727.58	417.78	309.80	2.349		
12,900.00	4,047.52	13,402.72	4,455.47	209.48	209.23	-124.20	5,911.37	-7,060.11	725.74	411.48	314.27	2.309		
12,918.77	4,048.10	13,417.41	4,455.34	209.90	209.57	-124.15	5,921.55	-7,070.70	725.64	410.54	315.10	2.303		
13,000.00	4,049.13	13,477.00	4,455.49	211.76	210.94	-123.99	5,962.44	-7,114.05	727.41	409.39	318.02	2.287		
13,100.00	4,047.79	13,571.00	4,457.42	214.04	213.12	-123.98	6,026.08	-7,183.19	733.38	412.24	321.14	2.284		
13,200.00	4,046.22	13,690.28	4,459.60	216.32	215.88	-124.01	6,107.71	-7,270.13	739.04	414.32	324.72	2.276		
13,300.00	4,044.60	13,785.43	4,460.40	218.59	218.08	-123.96	6,173.01	-7,339.33	744.76	416.49	328.28	2.269		
13,400.00	4,045.97	13,884.35	4,461.20	220.86	220.36	-123.77	6,240.40	-7,411.75	748.99	416.20	332.79	2.251		
13,500.00	4,048.61	13,988.76	4,461.91	223.13	222.78	-123.43	6,312.01	-7,487.72	752.68	414.81	337.87	2.228		
13,600.00	4,050.99	14,088.45	4,461.63	225.38	225.09	-122.93	6,379.96	-7,560.67	758.22	414.41	343.81	2.205		
13,700.00	4,054.31	14,194.68	4,460.45	227.66	227.54	-122.33	6,452.34	-7,638.41	759.83	410.43	349.40	2.175		
13,800.00	4,057.74	14,287.59	4,460.41	229.95	229.69	-122.04	6,516.47	-7,705.63	760.26	406.27	353.98	2.148		
13,900.00	4,061.44	14,379.97	4,461.59	232.24	231.83	-121.74	6,579.50	-7,773.15	761.98	403.52	358.47	2.126		
14,000.00	4,062.50	14,511.04	4,462.69	234.52	234.85	-121.60	6,669.98	-7,867.98	763.73	401.58	362.15	2.109		
14,100.00	4,062.69	14,611.00	4,462.80	236.81	237.13	-121.57	6,741.04	-7,938.27	764.23	398.96	365.26	2.092		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795) - Kimbeto Wash Unit 774H - Original Hole - Surveys Original Hole													Offset Site Error:	0.00 ft
Survey Program: 406-MWD, 3554-MWD, 20066-MWD													Offset Well Error:	0.00 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Distance Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
14,200.00	4,063.89	14,704.00	4,463.67	239.10	239.26	-121.58		6,806.83	-8,003.99	763.31	395.21	368.10	2.074	
14,212.97	4,064.09	14,712.60	4,463.86	239.40	239.46	-121.59		6,812.91	-8,010.08	763.29	394.79	368.49	2.071	
14,300.00	4,065.69	14,798.11	4,465.25	241.39	241.42	-121.57		6,873.01	-8,070.88	763.72	392.47	371.25	2.057	
14,400.00	4,067.99	14,904.23	4,465.75	243.67	243.85	-121.36		6,947.41	-8,146.55	764.66	389.35	375.31	2.037	
14,500.00	4,070.00	14,999.00	4,466.03	245.97	246.03	-121.24		7,013.78	-8,214.21	763.73	384.99	378.74	2.017	
14,600.00	4,070.12	15,093.32	4,467.60	248.30	248.19	-121.50		7,079.84	-8,281.50	760.82	381.00	379.83	2.003	
14,700.00	4,070.63	15,185.38	4,470.40	250.62	250.31	-121.81		7,144.10	-8,347.36	758.38	377.90	380.48	1.993 Level 3<2.00	
14,800.00	4,072.22	15,288.58	4,473.49	252.96	252.68	-122.11		7,216.01	-8,421.32	754.48	373.37	381.12	1.980 Level 3<2.00	
14,866.45	4,072.94	15,351.73	4,475.26	254.50	254.14	-122.30		7,259.92	-8,466.68	752.91	371.18	381.73	1.972 Level 3<2.00	
14,900.00	4,072.61	15,384.82	4,476.21	255.28	254.90	-122.38		7,282.84	-8,490.51	753.46	371.28	382.18	1.971 Level 3<2.00	
15,000.00	4,071.42	15,481.27	4,478.44	257.59	257.13	-122.59		7,349.47	-8,560.21	755.48	371.69	383.79	1.968 Level 3<2.00	
15,100.00	4,070.04	15,572.88	4,481.00	259.89	259.25	-122.76		7,411.75	-8,627.35	759.28	373.70	385.58	1.969 Level 3<2.00	
15,200.00	4,068.51	15,688.98	4,484.19	262.18	261.92	-123.01		7,492.44	-8,710.77	762.77	375.15	387.62	1.968 Level 3<2.00	
15,300.00	4,067.13	15,788.69	4,488.52	264.46	264.21	-123.31		7,562.26	-8,781.80	767.12	378.18	388.93	1.972 Level 3<2.00	
15,400.00	4,065.61	15,908.91	4,492.33	266.74	266.95	-123.64		7,647.65	-8,866.33	770.32	380.39	389.93	1.976 Level 3<2.00	
15,500.00	4,066.25	16,009.50	4,494.09	269.02	269.24	-123.72		7,719.84	-8,936.37	770.93	378.76	392.17	1.966 Level 3<2.00	
15,600.00	4,067.30	16,114.72	4,494.90	271.30	271.64	-123.65		7,794.91	-9,010.09	771.86	376.71	395.15	1.953 Level 3<2.00	
15,700.00	4,068.33	16,210.34	4,495.29	273.56	273.83	-123.55		7,863.12	-9,077.10	773.08	374.34	398.73	1.939 Level 3<2.00	
15,800.00	4,069.23	16,309.00	4,495.55	275.83	276.08	-123.40		7,933.44	-9,146.30	774.65	372.27	402.38	1.925 Level 3<2.00	
15,900.00	4,070.64	16,403.00	4,496.14	278.11	278.23	-123.32		8,000.06	-9,212.61	774.75	369.19	405.56	1.910 Level 3<2.00	
16,000.00	4,071.95	16,519.69	4,495.58	280.39	280.90	-123.15		8,082.76	-9,294.93	774.67	365.93	408.73	1.895 Level 3<2.00	
16,100.00	4,072.40	16,609.97	4,494.48	282.68	282.96	-123.02		8,146.77	-9,358.57	774.59	362.11	412.48	1.878 Level 3<2.00	
16,122.72	4,072.50	16,628.64	4,494.31	283.20	283.39	-123.00		8,159.88	-9,371.87	774.54	361.26	413.28	1.874 Level 3<2.00	
16,200.00	4,072.75	16,701.24	4,493.40	284.97	285.06	-122.88		8,210.03	-9,424.35	774.86	358.73	416.13	1.862 Level 3<2.00	
16,300.00	4,072.41	16,820.00	4,490.13	287.26	287.77	-122.72		8,294.51	-9,507.73	772.75	353.76	418.98	1.844 Level 3<2.00	
16,302.39	4,072.39	16,821.53	4,490.12	287.31	287.81	-122.72		8,295.60	-9,508.80	772.75	353.67	419.08	1.844 Level 3<2.00	
16,400.00	4,072.12	16,896.05	4,491.28	289.54	289.51	-122.78		8,348.18	-9,561.59	774.39	352.47	421.92	1.835 Level 3<2.00	
16,482.63	4,072.69	16,991.08	4,490.74	291.43	291.69	-122.68		8,415.14	-9,629.00	774.27	349.76	424.51	1.824 Level 3<2.00	
16,500.00	4,072.86	17,002.82	4,490.66	291.83	291.96	-122.66		8,423.37	-9,637.38	774.31	349.10	425.21	1.821 Level 3<2.00	
16,600.00	4,074.27	17,079.90	4,492.08	294.12	293.73	-122.60		8,476.57	-9,693.13	776.63	348.17	428.46	1.813 Level 3<2.00	
16,700.00	4,076.14	17,201.32	4,490.94	296.41	296.54	-122.26		8,560.39	-9,780.95	777.29	343.86	433.44	1.793 Level 3<2.00	
16,800.00	4,078.32	17,293.15	4,490.37	298.71	298.65	-122.04		8,623.78	-9,847.38	776.56	339.28	437.28	1.776 Level 3<2.00	
16,900.00	4,081.15	17,390.98	4,491.59	301.02	300.91	-121.94		8,691.68	-9,917.79	775.71	335.33	440.38	1.761 Level 3<2.00	
17,000.00	4,083.41	17,480.76	4,491.16	303.33	302.99	-121.78		8,752.98	-9,983.40	774.09	330.56	443.53	1.745 Level 3<2.00	
17,100.00	4,085.93	17,589.18	4,492.06	305.65	305.50	-121.65		8,826.18	-10,063.37	773.69	326.57	447.12	1.730 Level 3<2.00	
17,175.78	4,087.08	17,663.43	4,491.54	307.40	307.22	-121.59		8,877.47	-10,117.04	772.24	322.89	449.35	1.719 Level 3<2.00	
17,200.00	4,087.16	17,679.57	4,491.78	307.96	307.59	-121.61		8,888.55	-10,128.79	772.25	322.64	449.61	1.718 Level 3<2.00	
17,300.00	4,087.08	17,774.55	4,495.55	310.27	309.79	-121.76		8,952.99	-10,198.45	776.51	324.99	451.52	1.720 Level 3<2.00	
17,400.00	4,086.78	17,927.05	4,491.45	312.56	313.31	-121.40		9,057.78	-10,309.03	776.97	320.84	456.14	1.703 Level 3<2.00	
17,500.00	4,087.52	18,029.81	4,484.51	314.87	315.66	-120.92		9,129.60	-10,382.18	772.71	311.56	461.14	1.676 Level 3<2.00	
17,600.00	4,089.21	18,119.58	4,481.25	317.17	317.71	-120.66		9,193.01	-10,445.63	768.33	303.01	465.33	1.651 Level 3<2.00	
17,700.00	4,091.08	18,220.82	4,478.81	319.46	320.02	-120.42		9,264.78	-10,516.99	765.48	296.42	469.07	1.632 Level 3<2.00	
17,800.00	4,092.95	18,315.15	4,478.70	321.75	322.17	-120.32		9,332.40	-10,582.76	764.25	291.75	472.50	1.617 Level 3<2.00	
17,817.16	4,093.33	18,330.19	4,478.92	322.14	322.51	-120.31		9,343.20	-10,593.23	764.21	291.10	473.11	1.615 Level 3<2.00	
17,900.00	4,095.25	18,405.96	4,480.72	324.02	324.24	-120.30		9,397.40	-10,646.14	765.06	289.20	475.87	1.608 Level 3<2.00	
18,000.00	4,096.72	18,502.04	4,482.84	326.30	326.43	-120.28		9,465.92	-10,713.46	765.88	287.51	478.38	1.601 Level 3<2.00	
18,004.62	4,096.74	18,505.64	4,482.94	326.41	326.52	-120.28		9,468.48	-10,716.00	765.88	287.43	478.45	1.601 Level 3<2.00	
18,100.00	4,096.70	18,582.72	4,486.21	328.60	328.28	-120.51		9,522.71	-10,770.66	767.65	288.40	479.25	1.602 Level 3<2.00	
18,200.00	4,096.79	18,692.05	4,491.20	330.89	330.79	-120.82		9,599.67	-10,848.16	769.99	290.06	479.93	1.604 Level 3<2.00	
18,300.00	4,097.93	18,786.06	4,495.29	333.19	332.94	-121.03		9,665.71	-10,914.93	771.57	290.48	481.09	1.604 Level 3<2.00	
18,400.00	4,099.78	18,896.45	4,500.32	335.48	335.48	-121.21		9,743.11	-10,993.48	773.43	290.88	482.55	1.603 Level 3<2.00	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795) - Kimbeto Wash Unit 774H - Original Hole - Surveys Original Hole													Offset Site Error:	0.00 ft
Survey Program: 406-MWD, 3554-MWD, 20066-MWD													Offset Well Error:	0.00 ft
Reference	Offset	Semi Major Axis		Offset Wellbore Centre		Distance		Rule Assigned:		Warning				
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
18,465.23	4,101.31	18,973.72	4,500.66	336.97	337.25	-121.11	9,797.68	-11,048.18	773.22	288.60	484.62	1.596	Level 3<2.00	
18,500.00	4,102.22	19,001.33	4,500.65	337.76	337.88	-121.05	9,817.06	-11,067.85	773.51	287.17	486.34	1.590	Level 3<2.00	
18,600.00	4,105.59	19,094.19	4,501.53	340.04	340.02	-120.76	9,881.51	-11,134.69	776.03	284.37	491.66	1.578	Level 3<2.00	
18,700.00	4,108.58	19,224.26	4,500.82	342.31	343.01	-120.32	9,972.66	-11,227.45	776.36	280.68	495.68	1.566	Level 3<2.00	
18,800.00	4,112.14	19,324.57	4,497.49	344.59	345.30	-119.86	10,043.92	-11,297.99	773.51	272.40	501.11	1.544	Level 3<2.00	
18,900.00	4,116.25	19,427.08	4,494.45	346.58	347.64	-119.32	10,116.87	-11,369.93	772.32	265.14	507.19	1.523	Level 3<2.00	
18,922.00	4,117.17	19,451.74	4,493.70	346.93	348.20	-119.18	10,134.49	-11,387.17	772.07	263.75	508.32	1.519	Level 3<2.00, SF	



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795) - Kimbeto Wash Unit 793H - Original Hole - rev1												Offset Site Error:	0.00 ft
Survey Program: 0-MWD												Offset Well Error:	0.00 ft
Measured Depth (ft)	Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
100.00	100.00	100.00	100.00	0.13	0.13	180.00	0.00	0.00	0.02	-0.23	0.26	0.092	Level 1<1.00, CC
200.00	200.00	200.00	200.00	0.31	0.49	180.00	0.00	0.00	0.09	-0.70	0.80	0.119	Level 1<1.00
300.00	300.00	300.00	300.00	0.49	0.85	180.00	0.00	0.00	0.21	-1.12	1.33	0.160	Level 1<1.00
400.00	400.00	400.00	400.00	0.67	1.20	180.00	0.00	0.00	0.38	-1.49	1.87	0.203	Level 1<1.00
500.00	500.00	500.00	500.00	1.01	1.56	-139.14	0.00	0.00	0.74	-1.83	2.57	0.288	Level 1<1.00
600.00	599.99	599.99	599.99	1.36	1.92	-149.32	0.00	0.00	1.53	-1.75	3.28	0.467	Level 1<1.00
700.00	699.99	699.99	699.99	1.71	2.28	176.07	0.00	0.00	2.06	-1.93	3.99	0.517	Level 1<1.00
800.00	799.99	799.99	799.99	2.06	2.64	-130.51	0.00	0.00	2.36	-2.34	4.70	0.502	Level 1<1.00
900.00	899.99	899.99	899.99	2.41	3.00	-145.46	0.00	0.00	2.71	-2.70	5.40	0.501	Level 1<1.00
1,000.00	999.99	999.99	999.99	2.76	3.36	-120.64	0.00	0.00	3.00	-3.11	6.11	0.491	Level 1<1.00
1,100.00	1,099.98	1,099.98	1,099.98	3.11	3.71	-150.48	0.00	0.00	3.71	-3.11	6.82	0.544	Level 1<1.00
1,200.00	1,199.98	1,199.98	1,199.98	3.46	4.07	-151.90	0.00	0.00	4.79	-2.74	7.53	0.636	Level 1<1.00
1,300.00	1,299.97	1,299.97	1,299.97	3.81	4.43	-156.58	0.00	0.00	5.56	-2.68	8.24	0.675	Level 1<1.00
1,400.00	1,399.97	1,399.97	1,399.97	4.17	4.79	177.84	0.00	0.00	6.47	-2.49	8.96	0.722	Level 1<1.00
1,500.00	1,499.96	1,499.96	1,499.96	4.53	5.15	169.43	0.00	0.00	7.57	-2.10	9.67	0.782	Level 1<1.00
1,600.00	1,599.91	1,599.88	1,599.84	4.88	5.49	99.52	-1.85	-1.84	9.16	-1.20	10.37	0.884	Level 1<1.00
1,700.00	1,699.54	1,699.80	1,699.44	5.24	5.83	94.72	-7.38	-7.35	10.97	-0.08	11.05	0.993	Level 1<1.00
1,800.00	1,798.76	1,799.76	1,798.90	5.59	6.16	94.41	-14.39	-14.34	11.72	-0.02	11.74	0.998	Level 1<1.00
1,900.00	1,897.99	1,899.72	1,898.38	5.95	6.51	104.84	-21.41	-21.33	11.41	-1.02	12.43	0.918	Level 1<1.00
1,940.84	1,938.56	1,940.56	1,939.01	6.10	6.65	110.23	-24.28	-24.19	11.33	-1.37	12.71	0.892	Level 1<1.00
2,000.00	1,997.32	1,999.71	1,997.87	6.32	6.86	117.34	-28.43	-28.33	11.53	-1.57	13.11	0.880	Level 1<1.00
2,100.00	2,096.65	2,099.69	2,097.36	6.69	7.21	125.68	-35.45	-35.32	12.19	-1.60	13.79	0.884	Level 1<1.00
2,200.00	2,196.02	2,199.68	2,196.86	7.07	7.57	132.07	-42.47	-42.32	13.24	-1.25	14.49	0.914	Level 1<1.00
2,300.00	2,295.47	2,299.68	2,296.37	7.45	7.93	132.43	-49.48	-49.31	13.81	-1.40	15.21	0.908	Level 1<1.00
2,400.00	2,394.94	2,399.68	2,395.87	7.83	8.30	132.72	-56.50	-56.30	14.31	-1.62	15.93	0.898	Level 1<1.00
2,500.00	2,494.41	2,499.68	2,495.38	8.21	8.67	133.44	-63.52	-63.30	14.66	-1.99	16.65	0.880	Level 1<1.00
2,600.00	2,593.90	2,599.68	2,594.89	8.59	9.04	133.45	-70.54	-70.29	15.15	-2.23	17.39	0.871	Level 1<1.00
2,700.00	2,693.44	2,699.68	2,694.40	8.97	9.41	130.69	-77.56	-77.29	15.12	-3.01	18.13	0.834	Level 1<1.00
2,800.00	2,792.98	2,799.68	2,793.90	9.35	9.79	129.79	-84.58	-84.28	15.07	-3.80	18.87	0.799	Level 1<1.00
2,843.16	2,835.96	2,842.84	2,836.85	9.52	9.95	126.50	-87.61	-87.30	14.88	-4.32	19.20	0.775	Level 1<1.00
2,900.00	2,892.59	2,899.67	2,893.40	9.73	10.16	120.28	-91.60	-91.27	14.39	-5.26	19.64	0.732	Level 1<1.00
3,000.00	2,992.44	2,999.55	2,992.79	10.09	10.54	88.70	-98.61	-98.26	11.45	-9.09	20.54	0.557	Level 1<1.00
3,062.80	3,055.22	3,062.18	3,055.11	10.32	10.78	61.75	-103.01	-102.64	10.34	-10.74	21.08	0.491	Level 1<1.00
3,100.00	3,092.41	3,099.23	3,091.98	10.45	10.92	39.07	-105.61	-105.23	10.83	-10.39	21.22	0.510	Level 1<1.00
3,200.00	3,192.38	3,199.34	3,191.76	10.79	11.29	-46.91	-111.26	-110.87	13.84	-7.89	21.74	0.637	Level 1<1.00
3,300.00	3,292.09	3,299.70	3,292.07	11.12	11.65	-87.53	-113.24	-112.84	13.84	-8.10	21.94	0.631	Level 1<1.00
3,307.04	3,299.10	3,306.73	3,299.10	11.14	11.67	-90.00	-113.24	-112.84	13.83	-8.13	21.95	0.630	Level 1<1.00
3,400.00	3,391.29	3,398.91	3,391.29	11.40	11.99	-125.35	-113.24	-112.84	17.81	-5.13	22.94	0.776	Level 1<1.00
3,500.00	3,490.35	3,501.42	3,493.30	11.52	12.35	-136.61	-107.27	-118.87	20.09	-1.68	21.77	0.923	Level 1<1.00
3,600.00	3,586.62	3,604.41	3,592.64	11.59	12.71	-153.07	-88.52	-137.83	18.49	-0.63	19.11	0.967	Level 1<1.00
3,622.31	3,607.29	3,627.40	3,614.05	11.61	12.79	-158.17	-82.64	-143.77	18.41	-0.13	18.54	0.993	Level 1<1.00
3,700.00	3,676.25	3,707.58	3,685.76	11.70	13.07	-170.91	-57.52	-169.16	18.89	2.00	16.89	1.118	Level 2<1.50
3,800.00	3,755.53	3,811.12	3,769.77	11.93	13.46	-179.05	-15.12	-212.02	21.77	6.27	15.51	1.404	Level 2<1.50
3,900.00	3,822.36	3,915.31	3,841.98	12.35	14.02	175.52	37.56	-265.28	25.25	10.93	14.32	1.763	Level 3<2.00
4,000.00	3,877.82	4,019.22	3,899.52	13.07	14.81	171.23	98.31	-326.68	25.42	11.90	13.53	1.880	Level 3<2.00
4,100.00	3,931.59	4,120.98	3,947.79	14.03	15.82	160.59	161.26	-390.32	18.82	5.23	13.60	1.385	Level 2<1.50
4,200.00	3,974.93	4,222.47	3,980.95	15.24	17.06	134.58	228.62	-458.41	8.81	-6.64	15.45	0.570	Level 1<1.00
4,250.82	3,991.08	4,273.18	3,991.04	15.98	17.76	89.61	263.56	-493.72	6.37	-25.79	32.16	0.198	Level 1<1.00
4,300.00	4,002.80	4,321.68	3,996.55	16.72	18.46	47.00	297.44	-527.98	9.15	-6.47	15.63	0.586	Level 1<1.00
4,400.00	4,011.30	4,420.82	3,998.45	18.39	20.02	24.61	367.13	-598.43	14.13	-0.25	14.38	0.982	Level 1<1.00
4,500.00	4,011.32	4,520.82	3,999.17	20.20	21.71	26.88	437.46	-669.52	13.63	-2.00	15.62	0.872	Level 1<1.00

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795) - Kimbeto Wash Unit 793H - Original Hole - rev1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	0.00 ft
Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Reference	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
4,517.80	4,011.42	4,538.62	3,999.30	20.53	22.02	27.06	449.98	-682.17	13.61	-2.24	15.85	0.859	Level 1<1.00	
4,600.00	4,012.30	4,620.82	3,999.89	22.10	23.50	26.60	507.78	-740.61	13.88	-2.89	16.77	0.828	Level 1<1.00	
4,700.00	4,014.45	4,720.80	4,000.60	24.06	25.37	20.23	578.09	-811.68	14.76	-2.71	17.47	0.845	Level 1<1.00	
4,800.00	4,017.24	4,820.73	4,001.32	26.06	27.31	7.56	648.37	-882.73	16.06	-2.01	18.08	0.889	Level 1<1.00	
4,900.00	4,020.70	4,920.59	4,002.04	28.09	29.30	-7.35	718.60	-953.72	18.82	-0.66	19.48	0.966	Level 1<1.00	
5,000.00	4,023.01	5,020.55	4,002.76	30.19	31.33	-4.62	788.90	-1,024.78	20.32	-0.39	20.71	0.981	Level 1<1.00	
5,100.00	4,025.14	5,120.52	4,003.47	32.33	33.40	1.66	859.20	-1,095.85	21.68	-0.30	21.98	0.986	Level 1<1.00	
5,200.00	4,027.28	5,220.50	4,004.19	34.49	35.50	4.72	929.51	-1,166.92	23.16	-0.24	23.40	0.990	Level 1<1.00	
5,300.00	4,028.73	5,320.50	4,004.91	36.66	37.62	4.58	999.83	-1,238.01	23.89	-0.90	24.80	0.964	Level 1<1.00	
5,390.16	4,029.41	5,410.65	4,005.56	38.63	39.54	6.78	1,063.24	-1,302.11	24.02	-2.12	26.13	0.919	Level 1<1.00	
5,400.00	4,029.22	5,420.49	4,005.63	38.84	39.76	6.96	1,070.15	-1,309.10	23.77	-2.50	26.27	0.905	Level 1<1.00	
5,500.00	4,030.10	5,520.45	4,006.34	41.06	41.91	13.45	1,140.45	-1,380.16	24.42	-3.69	28.11	0.869	Level 1<1.00	
5,600.00	4,031.36	5,620.41	4,007.06	43.28	44.08	19.38	1,210.75	-1,451.22	25.76	-4.53	30.28	0.851	Level 1<1.00	
5,700.00	4,033.66	5,720.37	4,007.78	45.51	46.26	22.22	1,281.05	-1,522.29	27.95	-4.35	32.30	0.865	Level 1<1.00	
5,800.00	4,036.37	5,820.34	4,008.50	47.73	48.46	21.17	1,351.35	-1,593.35	29.89	-3.83	33.73	0.886	Level 1<1.00	
5,900.00	4,037.39	5,920.24	4,009.22	49.92	50.66	12.86	1,421.60	-1,664.37	28.90	-5.09	33.99	0.850	Level 1<1.00	
5,915.84	4,037.66	5,936.05	4,009.33	50.27	51.01	11.14	1,432.72	-1,675.61	28.88	-5.18	34.06	0.848	Level 1<1.00	
6,000.00	4,039.35	6,020.08	4,009.93	52.11	52.86	1.91	1,491.82	-1,735.35	29.44	-5.41	34.85	0.845	Level 1<1.00	
6,100.00	4,041.49	6,119.96	4,010.65	54.31	55.08	-6.67	1,562.06	-1,806.36	31.06	-5.55	36.61	0.848	Level 1<1.00	
6,200.00	4,043.97	6,219.86	4,011.37	56.52	57.30	-13.56	1,632.31	-1,877.37	33.54	-5.29	38.82	0.864	Level 1<1.00	
6,300.00	4,045.58	6,319.71	4,012.08	58.72	59.53	-21.37	1,702.53	-1,948.36	35.98	-5.90	41.87	0.859	Level 1<1.00	
6,400.00	4,044.97	6,419.48	4,012.80	60.92	61.76	-31.44	1,772.70	-2,019.29	37.72	-8.90	46.63	0.809	Level 1<1.00	
6,500.00	4,044.31	6,519.36	4,013.52	63.13	63.99	-38.24	1,842.93	-2,090.29	39.21	-12.08	51.29	0.764	Level 1<1.00	
6,600.00	4,044.33	6,619.32	4,014.23	65.37	66.23	-41.61	1,913.24	-2,161.35	40.25	-14.65	54.90	0.733	Level 1<1.00	
6,700.00	4,044.85	6,719.30	4,014.95	67.63	68.48	-41.16	1,983.55	-2,232.43	39.73	-16.53	56.26	0.706	Level 1<1.00	
6,800.00	4,046.20	6,819.28	4,015.67	69.91	70.73	-38.30	2,053.86	-2,303.50	38.91	-17.28	56.19	0.693	Level 1<1.00	
6,900.00	4,045.78	6,919.26	4,016.39	72.19	72.98	-37.46	2,124.16	-2,374.58	37.02	-20.07	57.09	0.648	Level 1<1.00	
7,000.00	4,044.81	7,019.24	4,017.11	74.46	75.24	-37.86	2,194.48	-2,445.65	35.09	-23.66	58.75	0.597	Level 1<1.00	
7,100.00	4,044.41	7,119.23	4,017.82	76.73	77.50	-39.18	2,264.80	-2,516.74	34.29	-26.68	60.97	0.562	Level 1<1.00	
7,152.67	4,044.24	7,171.89	4,018.20	77.92	78.69	-40.42	2,301.83	-2,554.18	34.21	-28.35	62.56	0.547	Level 1<1.00	
7,200.00	4,044.23	7,219.21	4,018.54	78.99	79.76	-42.23	2,335.11	-2,587.82	34.69	-29.74	64.43	0.538	Level 1<1.00	
7,300.00	4,042.98	7,319.19	4,019.26	81.25	82.02	-44.28	2,405.42	-2,658.89	33.13	-34.06	67.19	0.493	Level 1<1.00	
7,400.00	4,041.57	7,419.17	4,019.98	83.53	84.28	-47.22	2,475.73	-2,729.97	31.79	-38.97	70.76	0.449	Level 1<1.00	
7,500.00	4,040.65	7,519.15	4,020.69	85.80	86.55	-49.35	2,546.04	-2,801.05	30.62	-43.46	74.08	0.413	Level 1<1.00	
7,600.00	4,039.88	7,619.14	4,021.41	88.07	88.81	-51.77	2,616.36	-2,872.13	29.85	-48.15	78.00	0.383	Level 1<1.00	
7,700.00	4,039.55	7,719.13	4,022.13	90.35	91.08	-53.09	2,686.68	-2,943.21	29.02	-51.91	80.93	0.359	Level 1<1.00	
7,800.00	4,040.31	7,819.07	4,022.85	92.65	93.35	-48.73	2,756.96	-3,014.26	26.49	-51.79	78.28	0.338	Level 1<1.00	
7,900.00	4,041.57	7,919.02	4,023.57	94.95	95.62	-42.97	2,827.25	-3,085.32	24.62	-50.70	75.32	0.327	Level 1<1.00	
7,990.06	4,041.88	8,009.07	4,024.21	97.01	97.67	-42.74	2,890.58	-3,149.33	24.06	-52.43	76.49	0.315	Level 1<1.00	
8,000.00	4,041.95	8,019.01	4,024.28	97.23	97.90	-42.69	2,897.57	-3,156.40	24.04	-52.70	76.74	0.313	Level 1<1.00	
8,100.00	4,042.54	8,119.00	4,025.00	99.51	100.17	-43.59	2,967.89	-3,227.48	24.22	-54.81	79.03	0.306	Level 1<1.00	
8,200.00	4,044.94	8,218.98	4,025.72	101.80	102.44	-38.95	3,038.20	-3,298.55	24.72	-53.12	77.84	0.318	Level 1<1.00	
8,300.00	4,047.43	8,318.96	4,026.44	104.09	104.72	-36.60	3,108.51	-3,369.63	26.15	-52.15	78.29	0.334	Level 1<1.00	
8,400.00	4,049.18	8,418.94	4,027.15	106.38	107.00	-32.91	3,178.82	-3,440.71	26.24	-51.83	78.07	0.336	Level 1<1.00	
8,488.31	4,050.69	8,507.21	4,027.79	108.41	109.01	-27.53	3,240.90	-3,503.46	25.83	-51.36	77.20	0.335	Level 1<1.00	
8,500.00	4,051.28	8,518.90	4,027.87	108.68	109.27	-26.56	3,249.12	-3,511.77	26.18	-50.96	77.14	0.339	Level 1<1.00	
8,600.00	4,052.09	8,618.84	4,028.59	110.99	111.55	-19.38	3,319.40	-3,582.82	24.92	-51.62	76.54	0.326	Level 1<1.00	
8,700.00	4,052.52	8,718.72	4,029.31	113.30	113.83	-8.62	3,389.64	-3,653.83	23.48	-52.84	76.32	0.308	Level 1<1.00	
8,800.00	4,050.90	8,818.63	4,030.02	115.61	116.11	0.03	3,459.90	-3,724.85	20.88	-55.69	76.57	0.273	Level 1<1.00	
8,900.00	4,049.57	8,918.55	4,030.74	117.92	118.38	10.46	3,530.17	-3,795.88	19.15	-60.03	79.18	0.242	Level 1<1.00	
8,984.45	4,049.02	9,002.94	4,031.35	119.87	120.31	19.54	3,589.52	-3,855.88	18.75	-63.23	81.98	0.229	Level 1<1.00	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795) - Kimbeto Wash Unit 793H - Original Hole - rev1												Offset Site Error:	0.00 ft
Survey Program: 0-MWD												Offset Well Error:	0.00 ft
Reference Measured Depth (ft)	Vertical Depth (ft)	Offset Measured Depth (ft)	Vertical Depth (ft)	Semi Major Axis Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (ft)	Separation Factor	Warning
							+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)			
9,000.00	4,048.66	9,018.49	4,031.46	120.23	120.66	21.03	3,600.45	-3,866.93	18.43	-64.18	82.60	0.223	Level 1<1.00
9,100.00	4,049.41	9,118.43	4,032.18	122.53	122.95	29.61	3,670.74	-3,937.98	19.82	-67.19	87.01	0.228	Level 1<1.00
9,200.00	4,049.60	9,218.42	4,032.89	124.83	125.23	33.93	3,741.06	-4,009.06	20.13	-70.54	90.67	0.222	Level 1<1.00
9,300.00	4,050.28	9,318.42	4,033.61	127.12	127.51	34.10	3,811.38	-4,080.15	20.13	-72.30	92.43	0.218	Level 1<1.00
9,370.84	4,051.04	9,389.25	4,034.12	128.74	129.13	32.64	3,861.20	-4,130.51	20.10	-72.74	92.84	0.216	Level 1<1.00
9,400.00	4,051.40	9,418.42	4,034.33	129.40	129.79	31.53	3,881.70	-4,151.24	20.03	-72.72	92.75	0.216	Level 1<1.00
9,500.00	4,053.23	9,518.41	4,035.05	131.69	132.08	29.78	3,952.02	-4,222.33	20.95	-72.69	93.63	0.224	Level 1<1.00
9,600.00	4,055.32	9,618.40	4,035.77	133.98	134.36	28.39	4,022.34	-4,293.41	22.23	-72.56	94.78	0.235	Level 1<1.00
9,700.00	4,057.12	9,718.38	4,036.48	136.26	136.65	24.04	4,092.66	-4,364.49	22.60	-72.23	94.83	0.238	Level 1<1.00
9,711.28	4,057.30	9,729.65	4,036.57	136.51	136.90	23.43	4,100.58	-4,372.50	22.60	-72.24	94.84	0.238	Level 1<1.00
9,800.00	4,058.14	9,818.37	4,037.20	138.54	138.93	23.18	4,162.98	-4,435.57	22.77	-73.39	96.16	0.237	Level 1<1.00
9,900.00	4,059.03	9,918.34	4,037.92	140.85	141.22	28.18	4,233.28	-4,506.64	23.95	-75.83	99.78	0.240	Level 1<1.00
10,000.00	4,058.46	10,018.31	4,038.64	143.15	143.50	34.03	4,303.58	-4,577.71	23.91	-80.39	104.30	0.229	Level 1<1.00
10,100.00	4,056.87	10,118.28	4,039.36	145.45	145.79	38.83	4,373.89	-4,648.78	22.48	-86.46	108.94	0.206	Level 1<1.00
10,200.00	4,055.14	10,218.25	4,040.07	147.73	148.07	42.92	4,444.19	-4,719.85	20.57	-93.13	113.70	0.181	Level 1<1.00
10,300.00	4,053.34	10,318.22	4,040.79	150.02	150.36	47.12	4,514.49	-4,790.91	18.44	-100.84	119.27	0.155	Level 1<1.00
10,400.00	4,051.44	10,418.18	4,041.51	152.30	152.65	51.42	4,584.79	-4,861.97	15.93	-109.95	125.88	0.127	Level 1<1.00
10,500.00	4,049.07	10,518.12	4,042.23	154.58	154.93	58.41	4,655.07	-4,933.02	13.05	-125.43	138.49	0.094	Level 1<1.00
10,600.00	4,047.75	10,618.09	4,042.94	156.85	157.22	63.85	4,725.38	-5,004.09	10.90	-141.61	152.51	0.071	Level 1<1.00
10,700.00	4,046.27	10,718.04	4,043.66	159.12	159.51	71.26	4,795.67	-5,075.15	8.11	-168.75	176.86	0.046	Level 1<1.00
10,800.00	4,045.05	10,817.99	4,044.38	161.40	161.80	82.42	4,865.96	-5,146.20	5.11	-235.65	240.76	0.021	Level 1<1.00
10,900.00	4,046.56	10,917.97	4,045.10	163.67	164.08	67.63	4,936.27	-5,217.28	3.85	-164.14	167.99	0.023	Level 1<1.00
10,971.02	4,048.20	10,988.96	4,045.61	165.29	165.71	37.16	4,986.19	-5,267.74	3.26	-116.44	119.70	0.027	Level 1<1.00
11,000.00	4,048.77	11,017.91	4,045.81	165.94	166.37	14.30	5,006.55	-5,288.33	3.05	-108.84	111.90	0.027	Level 1<1.00
11,100.00	4,053.59	11,117.83	4,046.53	168.23	168.66	2.34	5,076.82	-5,359.36	7.06	-105.61	112.68	0.063	Level 1<1.00
11,200.00	4,058.24	11,217.74	4,047.25	170.52	170.95	-0.06	5,147.08	-5,430.39	10.99	-103.52	114.51	0.096	Level 1<1.00
11,300.00	4,060.91	11,317.72	4,047.97	172.81	173.24	0.50	5,217.40	-5,501.47	12.94	-102.86	115.80	0.112	Level 1<1.00
11,400.00	4,062.65	11,417.71	4,048.68	175.10	175.53	0.00	5,287.71	-5,572.55	13.97	-103.85	117.82	0.119	Level 1<1.00
11,500.00	4,061.99	11,517.70	4,049.40	177.38	177.82	-3.38	5,358.03	-5,643.63	12.61	-107.26	119.87	0.105	Level 1<1.00
11,600.00	4,060.42	11,617.64	4,050.12	179.66	180.11	-16.17	5,428.32	-5,714.68	10.72	-111.97	122.70	0.087	Level 1<1.00
11,700.00	4,058.44	11,717.55	4,050.84	181.92	182.39	-39.59	5,498.58	-5,785.71	9.87	-125.15	135.02	0.073	Level 1<1.00, SF
11,800.00	4,057.77	11,817.53	4,051.56	184.21	184.68	-44.08	5,568.88	-5,856.78	8.66	-132.63	141.28	0.061	Level 1<1.00
11,900.00	4,058.46	11,917.46	4,052.27	186.53	186.97	-22.31	5,639.17	-5,927.82	6.69	-121.98	128.67	0.052	Level 1<1.00
12,000.00	4,056.65	12,017.37	4,052.99	188.84	189.26	12.04	5,709.43	-5,998.85	3.74	-123.37	127.11	0.029	Level 1<1.00
12,061.92	4,054.69	12,079.23	4,053.43	190.27	190.68	61.73	5,752.93	-6,042.82	2.65	-173.91	176.56	0.015	Level 1<1.00
12,100.00	4,053.34	12,117.26	4,053.71	191.15	191.55	96.92	5,779.68	-6,069.86	3.07	-295.72	298.79	0.010	Level 1<1.00, SF
12,200.00	4,049.43	12,217.15	4,054.42	193.45	193.84	137.86	5,849.92	-6,140.87	6.73	-139.00	145.74	0.046	Level 1<1.00
12,300.00	4,045.35	12,317.03	4,055.14	195.74	196.13	151.86	5,920.16	-6,211.88	11.10	-126.42	137.51	0.081	Level 1<1.00
12,400.00	4,042.23	12,416.95	4,055.86	198.03	198.42	161.02	5,990.43	-6,282.91	14.41	-121.56	135.97	0.106	Level 1<1.00
12,500.00	4,041.18	12,516.93	4,056.58	200.31	200.71	167.83	6,060.74	-6,353.98	15.75	-120.65	136.40	0.115	Level 1<1.00
12,600.00	4,041.11	12,616.92	4,057.29	202.60	203.00	171.13	6,131.06	-6,425.07	16.38	-121.45	137.82	0.119	Level 1<1.00
12,700.00	4,042.56	12,716.91	4,058.01	204.89	205.29	170.53	6,201.38	-6,496.16	15.67	-123.38	139.05	0.113	Level 1<1.00
12,800.00	4,044.61	12,816.91	4,058.73	207.18	207.58	169.08	6,271.70	-6,567.24	14.38	-126.86	141.23	0.102	Level 1<1.00
12,900.00	4,047.52	12,916.88	4,059.45	209.48	209.88	167.90	6,342.01	-6,638.31	12.19	-130.11	142.31	0.086	Level 1<1.00
12,974.97	4,048.91	12,991.84	4,059.99	211.19	211.59	169.62	6,394.72	-6,691.60	11.26	-132.22	143.49	0.079	Level 1<1.00
13,000.00	4,049.13	13,016.86	4,060.17	211.76	212.17	170.83	6,412.32	-6,709.39	11.18	-132.42	143.60	0.078	Level 1<1.00
13,100.00	4,047.79	13,116.83	4,060.88	214.04	214.46	177.90	6,482.63	-6,780.46	13.11	-131.25	144.35	0.091	Level 1<1.00
13,200.00	4,046.22	13,216.79	4,061.60	216.32	216.75	-174.37	6,552.92	-6,851.52	15.45	-131.33	146.78	0.105	Level 1<1.00
13,300.00	4,044.60	13,316.72	4,062.32	218.59	219.04	-166.05	6,623.19	-6,922.56	18.25	-130.92	149.17	0.122	Level 1<1.00
13,400.00	4,045.97	13,416.68	4,063.04	220.86	221.33	-158.29	6,693.49	-6,993.62	18.37	-134.32	152.70	0.120	Level 1<1.00
13,459.70	4,047.66	13,476.34	4,063.47	222.22	222.70	-151.70	6,735.45	-7,036.03	17.96	-138.68	156.64	0.115	Level 1<1.00

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795) - Kimbeto Wash Unit 793H - Original Hole - rev1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	0.00 ft
Measured Depth (ft)	Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
13,500.00	4,048.61	13,516.60	4,063.75	223.13	223.63	-146.26	6,763.76	-7,064.66	18.22	-143.01	161.23	0.113	Level 1<1.00	
13,600.00	4,050.99	13,616.44	4,064.47	225.38	225.92	-131.13	6,833.98	-7,135.64	20.52	-161.94	182.47	0.112	Level 1<1.00	
13,700.00	4,054.31	13,716.38	4,065.19	227.66	228.21	-122.34	6,904.26	-7,206.68	20.34	-182.97	203.32	0.100	Level 1<1.00	
13,800.00	4,057.74	13,816.34	4,065.91	229.95	230.50	-114.38	6,974.56	-7,277.75	19.79	-212.80	232.60	0.085	Level 1<1.00	
13,900.00	4,061.44	13,916.30	4,066.62	232.24	232.79	-105.50	7,044.85	-7,348.80	19.40	-263.57	282.97	0.069	Level 1<1.00	
13,917.59	4,061.85	13,933.88	4,066.75	232.64	233.19	-104.64	7,057.22	-7,361.31	19.38	-269.81	289.18	0.067	Level 1<1.00	
14,000.00	4,062.50	14,016.29	4,067.34	234.52	235.08	-104.40	7,115.17	-7,419.89	19.45	-273.57	293.03	0.066	Level 1<1.00	
14,100.00	4,062.69	14,116.27	4,068.06	236.81	237.38	-104.66	7,185.48	-7,490.97	21.24	-273.48	294.72	0.072	Level 1<1.00	
14,200.00	4,063.89	14,216.27	4,068.78	239.10	239.67	-103.57	7,255.81	-7,562.06	20.84	-284.99	305.83	0.068	Level 1<1.00	
14,221.06	4,064.23	14,237.33	4,068.93	239.59	240.15	-103.06	7,270.62	-7,577.03	20.80	-290.14	310.94	0.067	Level 1<1.00	
14,300.00	4,065.69	14,316.26	4,069.50	241.39	241.96	-100.37	7,326.13	-7,633.14	21.18	-318.26	339.44	0.062	Level 1<1.00	
14,400.00	4,067.99	14,416.23	4,070.21	243.67	244.26	-95.60	7,396.43	-7,704.21	22.87	-377.62	400.49	0.057	Level 1<1.00	
14,500.00	4,070.00	14,516.20	4,070.93	245.97	246.55	-92.38	7,466.74	-7,775.28	22.32	-398.58	420.90	0.053	Level 1<1.00	
14,600.00	4,070.12	14,616.09	4,071.65	248.30	248.84	-94.97	7,536.98	-7,846.29	17.63	-396.64	414.26	0.043	Level 1<1.00	
14,700.00	4,070.63	14,715.96	4,072.37	250.62	251.13	-97.89	7,607.21	-7,917.28	12.58	-366.18	378.75	0.033	Level 1<1.00	
14,800.00	4,072.22	14,815.75	4,073.08	252.96	253.42	-97.91	7,677.39	-7,988.23	6.18	-373.54	379.72	0.016	Level 1<1.00	
14,900.00	4,072.61	14,915.65	4,073.80	255.28	255.71	-118.55	7,747.65	-8,059.25	2.50	-233.61	236.11	0.011	Level 1<1.00	
14,911.60	4,072.45	14,927.26	4,073.88	255.55	255.98	-125.10	7,755.81	-8,067.50	2.48	-213.86	216.34	0.011	Level 1<1.00	
15,000.00	4,071.42	15,015.62	4,074.52	257.59	258.01	-168.59	7,817.95	-8,130.32	3.16	-172.30	175.46	0.018	Level 1<1.00	
15,100.00	4,070.04	15,115.59	4,075.23	259.89	260.30	172.35	7,888.26	-8,201.39	5.24	-170.96	176.20	0.030	Level 1<1.00	
15,200.00	4,068.51	15,215.56	4,075.95	262.18	262.59	177.86	7,958.56	-8,272.46	7.44	-170.35	177.80	0.042	Level 1<1.00	
15,300.00	4,067.13	15,315.54	4,076.67	264.46	264.89	-174.89	8,028.87	-8,343.53	9.58	-169.57	179.15	0.053	Level 1<1.00	
15,400.00	4,065.61	15,415.49	4,077.39	266.74	267.18	-167.43	8,099.16	-8,414.59	12.07	-169.26	181.33	0.067	Level 1<1.00	
15,500.00	4,066.25	15,515.47	4,078.11	269.02	269.47	-158.49	8,169.47	-8,485.66	12.75	-173.01	185.76	0.069	Level 1<1.00	
15,600.00	4,067.30	15,615.43	4,078.82	271.30	271.77	-147.28	8,239.77	-8,556.73	13.71	-180.77	194.48	0.070	Level 1<1.00	
15,700.00	4,068.33	15,715.38	4,079.54	273.56	274.06	-136.28	8,310.06	-8,627.78	15.52	-194.45	209.96	0.074	Level 1<1.00	
15,800.00	4,069.23	15,815.31	4,080.26	275.83	276.35	-127.51	8,380.33	-8,698.82	18.12	-212.07	230.19	0.079	Level 1<1.00	
15,900.00	4,070.64	15,915.30	4,080.98	278.11	278.65	-123.27	8,450.65	-8,769.90	18.85	-225.60	244.44	0.077	Level 1<1.00	
16,000.00	4,071.95	16,015.28	4,081.69	280.39	280.94	-118.94	8,520.96	-8,840.98	20.14	-241.98	262.12	0.077	Level 1<1.00	
16,100.00	4,072.40	16,115.26	4,082.41	282.68	283.24	-117.24	8,591.27	-8,912.05	21.88	-250.79	272.67	0.080	Level 1<1.00	
16,200.00	4,072.75	16,215.26	4,083.13	284.97	285.53	-118.13	8,661.60	-8,983.14	22.02	-248.89	270.91	0.081	Level 1<1.00	
16,300.00	4,072.41	16,315.25	4,083.85	287.26	287.82	-119.69	8,731.92	-9,054.23	23.08	-243.34	266.42	0.087	Level 1<1.00	
16,400.00	4,072.12	16,415.23	4,084.57	289.54	290.12	-120.10	8,802.23	-9,125.31	24.81	-242.51	267.32	0.093	Level 1<1.00	
16,500.00	4,072.86	16,515.23	4,085.28	291.83	292.41	-118.96	8,872.55	-9,196.39	25.66	-248.33	273.99	0.094	Level 1<1.00	
16,600.00	4,074.27	16,615.22	4,086.00	294.12	294.71	-116.70	8,942.87	-9,267.48	26.11	-260.14	286.25	0.091	Level 1<1.00	
16,700.00	4,076.14	16,715.21	4,086.72	296.41	297.00	-113.51	9,013.19	-9,338.56	26.53	-278.97	305.49	0.087	Level 1<1.00	
16,800.00	4,078.32	16,815.19	4,087.44	298.71	299.30	-111.23	9,083.50	-9,409.64	25.15	-295.71	320.86	0.078	Level 1<1.00	
16,900.00	4,081.15	16,915.16	4,088.15	301.02	301.59	-107.53	9,153.80	-9,480.71	23.23	-326.43	349.66	0.066	Level 1<1.00	
17,000.00	4,083.41	17,015.09	4,088.87	303.33	303.88	-105.97	9,224.09	-9,551.75	19.81	-344.07	363.88	0.054	Level 1<1.00	
17,100.00	4,085.93	17,115.02	4,089.59	305.65	306.18	-103.12	9,294.36	-9,622.79	16.07	-378.19	394.26	0.041	Level 1<1.00	
17,200.00	4,087.16	17,214.98	4,090.31	307.96	308.47	-103.70	9,364.65	-9,693.85	13.28	-376.82	390.11	0.034	Level 1<1.00	
17,290.40	4,087.24	17,305.37	4,090.96	310.05	310.55	-107.30	9,428.23	-9,758.11	12.51	-346.33	358.83	0.035	Level 1<1.00	
17,300.00	4,087.08	17,314.97	4,091.03	310.27	310.77	-107.99	9,434.97	-9,764.93	12.78	-341.05	353.82	0.036	Level 1<1.00	
17,400.00	4,086.78	17,414.97	4,091.74	312.56	313.06	-112.28	9,505.30	-9,836.02	13.10	-313.01	326.11	0.040	Level 1<1.00	
17,500.00	4,087.52	17,514.96	4,092.46	314.87	315.36	-113.61	9,575.62	-9,907.11	12.34	-307.00	319.35	0.039	Level 1<1.00	
17,600.00	4,089.21	17,614.95	4,093.18	317.17	317.65	-111.81	9,645.93	-9,978.19	10.67	-321.46	332.14	0.032	Level 1<1.00	
17,664.72	4,090.40	17,679.66	4,093.64	318.65	319.14	-108.40	9,691.45	-10,024.20	10.29	-348.14	358.43	0.029	Level 1<1.00	
17,700.00	4,091.08	17,714.94	4,093.90	319.46	319.95	-105.81	9,716.25	-10,049.27	10.35	-372.76	383.11	0.027	Level 1<1.00	
17,800.00	4,092.95	17,814.92	4,094.61	321.75	322.24	-98.17	9,786.56	-10,120.35	11.73	-472.11	483.84	0.024	Level 1<1.00	
17,900.00	4,095.25	17,914.86	4,095.33	324.02	324.54	-90.36	9,856.85	-10,191.40	14.42	-518.86	533.28	0.027	Level 1<1.00	
18,000.00	4,096.72	18,014.83	4,096.05	326.30	326.83	-87.65	9,927.15	-10,262.47	16.36	-578.01	594.37	0.028	Level 1<1.00	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795) - Kimbeto Wash Unit 793H - Original Hole - rev1												Offset Site Error:	0.00 ft
Survey Program: 0-MWD												Offset Well Error:	0.00 ft
Measured Depth (ft)	Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
18,071.37	4,096.83	18,086.20	4,096.56	327.94	328.47	-89.07	9,977.35	-10,313.21	16.27	-545.80	562.06	0.029	Level 1<1.00
18,100.00	4,096.70	18,114.83	4,096.77	328.60	329.13	-90.23	9,997.48	-10,333.56	16.16	-519.68	535.84	0.030	Level 1<1.00
18,200.00	4,096.79	18,214.82	4,097.49	330.89	331.42	-92.42	10,067.80	-10,404.64	16.46	-559.88	576.34	0.029	Level 1<1.00
18,300.00	4,097.93	18,314.82	4,098.20	333.19	333.72	-90.94	10,138.12	-10,475.73	16.36	-533.62	549.98	0.030	Level 1<1.00
18,302.51	4,097.98	18,317.33	4,098.22	333.25	333.77	-90.86	10,139.89	-10,477.52	16.36	-535.03	551.39	0.030	Level 1<1.00
18,400.00	4,099.78	18,414.82	4,098.92	335.48	336.01	-87.04	10,208.44	-10,546.82	16.65	-590.20	606.85	0.027	Level 1<1.00, ES
18,500.00	4,102.22	18,514.79	4,099.64	337.76	338.31	-82.02	10,278.75	-10,617.89	18.49	-494.29	512.78	0.036	Level 1<1.00
18,600.00	4,105.59	18,614.70	4,100.36	340.04	340.60	-76.36	10,349.01	-10,688.92	22.09	-410.41	432.50	0.051	Level 1<1.00
18,700.00	4,108.58	18,714.65	4,101.07	342.31	342.89	-72.27	10,419.30	-10,759.97	24.62	-369.44	394.05	0.062	Level 1<1.00
18,800.00	4,112.14	18,814.60	4,101.79	344.59	345.19	-67.73	10,489.59	-10,831.02	27.23	-334.39	361.61	0.075	Level 1<1.00
18,900.00	4,116.25	18,843.61	4,102.00	346.58	345.85	-66.61	10,510.00	-10,851.65	77.80	21.02	56.78	1.370	Level 2<1.50
18,922.00	4,117.17	18,843.61	4,102.00	346.93	345.85	-66.61	10,510.00	-10,851.65	98.62	42.47	56.16	1.756	Level 3<2.00

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795) - Kimbeto Wash Unit 794H - Original Hole - rev1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	0.00 ft
Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	0.00	0.00	89.98	0.02	39.83	39.83					
100.00	100.00	100.00	100.00	0.13	0.13	-163.95	0.02	39.83	39.85	39.59	0.26	154.394		
200.00	200.00	200.00	200.00	0.31	0.49	-163.98	0.02	39.83	39.92	39.12	0.80	50.160		
300.00	300.00	300.00	300.00	0.49	0.85	-164.03	0.02	39.83	40.03	38.70	1.33	30.020		
400.00	400.00	400.00	400.00	0.67	1.20	-164.09	0.02	39.83	40.19	38.32	1.87	21.479		
500.00	500.00	500.00	500.00	1.01	1.56	-75.76	0.02	39.83	40.15	37.58	2.57	15.612		
600.00	599.99	599.99	599.99	1.36	1.92	-56.87	0.02	39.83	39.73	36.46	3.28	12.123		
698.17	698.16	698.16	698.16	1.70	2.27	-89.24	0.02	39.83	39.51	35.54	3.98	9.940		
700.00	699.99	699.99	699.99	1.71	2.28	-90.47	0.02	39.83	39.65	35.66	3.99	9.942		
800.00	799.99	799.99	799.99	2.06	2.64	-28.85	0.02	39.83	39.28	34.59	4.70	8.365		
900.00	899.99	899.99	899.99	2.41	3.00	-40.86	0.02	39.83	39.06	33.65	5.41	7.226		
1,000.00	999.99	999.99	999.99	2.76	3.36	-6.69	0.02	39.83	38.52	32.40	6.11	6.301		
1,016.96	1,016.95	1,016.61	1,016.61	2.82	3.41	-10.49	0.02	39.90	38.45	32.21	6.23	6.171 CC, ES		
1,100.00	1,099.98	1,097.97	1,097.93	3.11	3.70	-23.85	0.31	42.32	40.06	33.26	6.80	5.890		
1,200.00	1,199.98	1,195.54	1,195.20	3.46	4.04	-20.07	1.18	49.76	46.70	39.23	7.47	6.251		
1,300.00	1,299.97	1,292.18	1,291.04	3.81	4.39	-20.33	2.61	61.98	58.59	50.46	8.12	7.214		
1,400.00	1,399.97	1,387.41	1,384.76	4.17	4.75	-44.46	4.57	78.72	75.50	66.75	8.75	8.626		
1,500.00	1,499.96	1,480.77	1,475.71	4.53	5.13	-54.71	7.02	99.61	97.37	88.01	9.36	10.403		
1,600.00	1,599.91	1,571.47	1,562.98	4.88	5.54	-123.78	9.89	124.11	125.33	115.39	9.94	12.608		
1,700.00	1,699.54	1,657.85	1,644.92	5.24	5.96	-132.85	13.07	151.25	162.07	151.56	10.50	15.430		
1,800.00	1,798.76	1,739.34	1,721.01	5.59	6.40	-147.86	16.46	180.19	206.74	195.71	11.03	18.741		
1,900.00	1,897.99	1,817.03	1,792.34	5.95	6.86	-151.26	20.04	210.77	255.90	244.38	11.51	22.224		
2,000.00	1,997.32	1,891.56	1,859.53	6.32	7.35	-147.74	23.79	242.79	307.80	295.83	11.97	25.714		
2,100.00	2,096.65	1,970.99	1,930.03	6.69	7.93	-146.73	28.05	279.13	362.10	349.56	12.54	28.878		
2,200.00	2,196.02	2,055.08	2,004.57	7.07	8.56	-144.53	32.57	317.78	416.20	403.00	13.20	31.538		
2,300.00	2,295.47	2,139.53	2,079.44	7.45	9.22	-145.43	37.12	356.60	469.74	455.88	13.86	33.881		
2,400.00	2,394.94	2,224.06	2,154.37	7.83	9.91	-145.57	41.67	395.45	523.17	508.62	14.54	35.975		
2,500.00	2,494.41	2,308.59	2,229.30	8.21	10.60	-145.35	46.23	434.31	576.60	561.37	15.23	37.868		
2,600.00	2,593.90	2,393.23	2,304.33	8.59	11.31	-145.00	50.78	473.21	629.85	613.93	15.92	39.569		
2,700.00	2,693.44	2,478.08	2,379.54	8.97	12.03	-146.25	55.35	512.21	682.78	666.16	16.61	41.098		
2,800.00	2,792.98	2,562.88	2,454.72	9.35	12.76	-145.80	59.92	551.19	735.77	718.46	17.31	42.496		
2,900.00	2,892.59	2,648.01	2,530.18	9.73	13.50	-152.30	64.50	590.33	788.23	770.21	18.02	43.753		
3,000.00	2,992.44	2,734.36	2,606.73	10.09	14.26	-167.52	69.15	630.02	838.55	819.84	18.71	44.808		
3,100.00	3,092.41	2,821.94	2,684.36	10.45	15.03	-175.81	73.87	670.27	886.59	867.17	19.42	45.660		
3,200.00	3,192.38	2,909.63	2,762.10	10.79	15.81	-129.83	78.59	710.58	934.26	914.14	20.12	46.436		
3,300.00	3,292.09	2,995.78	2,838.46	11.12	16.57	-120.45	83.23	750.18	983.99	963.18	20.80	47.301		
3,400.00	3,391.29	3,079.78	2,912.93	11.40	17.33	-127.62	87.75	788.80	1,036.47	1,015.04	21.43	48.370		
3,500.00	3,490.35	3,162.78	2,986.51	11.52	18.07	-132.91	92.22	826.95	1,090.82	1,068.91	21.92	49.769		
3,600.00	3,586.62	3,239.04	3,054.11	11.59	18.76	-122.65	96.33	862.00	1,151.75	1,129.44	22.30	51.644		
3,700.00	3,676.25	3,304.46	3,112.10	11.70	19.35	-109.52	99.85	892.07	1,219.13	1,196.48	22.64	53.843		
3,800.00	3,755.53	4,816.45	4,010.42	11.93	23.68	-99.91	862.79	636.15	1,247.28	1,214.39	32.89	37.919		
3,900.00	3,822.36	4,891.15	4,011.00	12.35	24.21	-97.69	915.33	583.05	1,237.33	1,202.41	34.92	35.432		
4,000.00	3,877.82	4,974.74	4,011.65	13.07	25.21	-96.21	974.12	523.63	1,232.18	1,194.86	37.32	33.018		
4,100.00	3,931.59	5,059.42	4,012.31	14.03	26.49	-93.42	1,033.67	463.43	1,229.55	1,189.58	39.97	30.760		
4,200.00	3,974.93	5,149.76	4,013.01	15.24	28.01	-91.78	1,097.21	399.21	1,227.49	1,184.54	42.95	28.578		
4,300.00	4,002.80	5,245.88	4,013.76	16.72	29.72	-90.43	1,164.80	330.88	1,227.37	1,181.09	46.27	26.525		
4,393.39	4,012.14	5,338.75	4,014.49	18.28	31.45	-90.11	1,230.11	264.87	1,227.12	1,177.53	49.59	24.745		
4,400.00	4,011.30	5,345.40	4,014.54	18.39	31.57	-90.15	1,234.79	260.14	1,226.53	1,176.70	49.83	24.616		
4,500.00	4,011.32	5,445.40	4,015.32	20.20	33.49	-90.19	1,305.12	189.05	1,226.81	1,173.27	53.55	22.911		
4,600.00	4,012.30	5,545.40	4,016.09	22.10	35.46	-90.18	1,375.45	117.97	1,226.87	1,169.47	57.41	21.372		
4,700.00	4,014.45	5,645.38	4,016.87	24.06	37.47	-90.08	1,445.76	46.89	1,225.77	1,164.40	61.37	19.973		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795) - Kimbeto Wash Unit 794H - Original Hole - rev1													Offset Site Error: 0.00 ft	
Survey Program: 0-MWD		Offset		Semi Major Axis		Offset Wellbore Centre			Rule Assigned:				Offset Well Error: 0.00 ft	
Measured Depth (ft)	Reference Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
4,800.00	4,017.24	5,745.31	4,017.65	26.06	39.50	89.95	1,516.04	-24.15	1,222.78	1,157.37	65.41	18.694		
4,900.00	4,020.70	5,845.17	4,018.43	28.09	41.56	89.84	1,586.27	-95.13	1,218.27	1,148.75	69.51	17.526		
4,953.89	4,022.25	5,899.04	4,018.85	29.22	42.68	89.84	1,624.16	-133.43	1,217.46	1,145.70	71.76	16.966		
5,000.00	4,023.01	5,945.14	4,019.21	30.19	43.64	89.85	1,656.58	-166.20	1,219.04	1,145.35	73.69	16.542		
5,100.00	4,025.14	6,045.10	4,019.98	32.33	45.75	89.78	1,726.88	-237.26	1,221.31	1,143.38	77.93	15.671		
5,200.00	4,027.28	6,145.08	4,020.76	34.49	47.87	89.70	1,797.20	-308.33	1,222.61	1,140.39	82.21	14.871		
5,286.45	4,028.52	6,231.53	4,021.44	36.36	49.72	89.67	1,858.00	-369.79	1,222.95	1,137.02	85.93	14.232		
5,300.00	4,028.73	6,245.08	4,021.54	36.66	50.01	89.66	1,867.52	-379.42	1,222.61	1,136.10	86.52	14.132		
5,400.00	4,029.22	6,345.08	4,022.32	38.84	52.16	89.68	1,937.85	-450.50	1,223.59	1,132.74	90.85	13.468		
5,500.00	4,030.10	6,445.04	4,023.10	41.06	54.32	89.69	2,008.15	-521.56	1,226.39	1,131.18	95.22	12.880		
5,600.00	4,031.36	6,544.99	4,023.88	43.28	56.49	89.67	2,078.45	-592.61	1,229.27	1,129.65	99.61	12.341		
5,700.00	4,033.66	6,644.96	4,024.65	45.51	58.67	89.62	2,148.75	-663.68	1,231.30	1,127.28	104.02	11.837		
5,800.00	4,036.37	6,744.92	4,025.43	47.73	60.86	89.47	2,219.05	-734.74	1,231.56	1,123.13	108.44	11.358		
5,900.00	4,037.39	6,844.83	4,026.21	49.92	63.05	89.42	2,289.31	-805.76	1,227.22	1,114.39	112.83	10.877		
6,000.00	4,039.35	6,944.67	4,026.99	52.11	65.25	89.36	2,359.53	-876.73	1,221.77	1,104.55	117.22	10.423		
6,100.00	4,041.49	7,044.55	4,027.77	54.31	67.46	89.30	2,429.78	-947.74	1,217.20	1,095.56	121.63	10.007		
6,200.00	4,043.97	7,144.45	4,028.54	56.52	69.67	89.20	2,500.03	-1,018.75	1,212.97	1,086.91	126.06	9.622		
6,300.00	4,045.58	7,244.30	4,029.32	58.72	71.89	89.23	2,570.26	-1,089.73	1,207.73	1,077.24	130.48	9.256		
6,400.00	4,044.97	7,344.07	4,030.10	60.92	74.11	89.33	2,640.43	-1,160.66	1,201.13	1,066.23	134.90	8.904		
6,500.00	4,044.31	7,443.95	4,030.88	63.13	76.33	89.36	2,710.67	-1,231.65	1,196.55	1,057.21	139.34	8.587		
6,600.00	4,044.33	7,543.91	4,031.65	65.37	78.56	89.39	2,780.97	-1,302.71	1,194.08	1,050.28	143.81	8.303		
6,647.81	4,044.51	7,591.71	4,032.03	66.45	79.63	89.40	2,814.59	-1,336.69	1,193.44	1,047.48	145.96	8.177		
6,700.00	4,044.85	7,643.89	4,032.43	67.63	80.80	89.42	2,851.28	-1,373.79	1,194.66	1,046.35	148.30	8.055		
6,800.00	4,046.20	7,743.87	4,033.21	69.91	83.04	89.39	2,921.60	-1,444.86	1,196.71	1,043.89	152.82	7.831		
6,900.00	4,045.78	7,843.85	4,033.99	72.19	85.28	89.43	2,991.91	-1,515.93	1,198.30	1,040.97	157.34	7.616		
7,000.00	4,044.81	7,943.82	4,034.77	74.46	87.52	89.52	3,062.22	-1,587.00	1,199.28	1,037.42	161.85	7.410		
7,100.00	4,044.41	8,043.82	4,035.55	76.73	89.77	89.58	3,132.54	-1,658.08	1,199.14	1,032.78	166.36	7.208		
7,200.00	4,044.23	8,143.80	4,036.32	78.99	92.02	89.63	3,202.86	-1,729.15	1,197.49	1,026.62	170.87	7.008		
7,276.43	4,043.50	8,220.21	4,036.92	80.72	93.74	89.69	3,256.60	-1,783.47	1,197.08	1,022.76	174.32	6.867		
7,300.00	4,042.98	8,243.78	4,037.10	81.25	94.27	89.72	3,273.17	-1,800.22	1,197.67	1,022.28	175.39	6.829		
7,400.00	4,041.57	8,343.75	4,037.88	83.53	96.52	89.82	3,343.48	-1,871.29	1,197.46	1,017.55	179.91	6.656		
7,461.42	4,040.92	8,405.16	4,038.36	84.92	97.91	89.88	3,386.67	-1,914.95	1,197.43	1,014.75	182.69	6.555		
7,500.00	4,040.65	8,443.74	4,038.66	85.80	98.78	89.90	3,413.80	-1,942.37	1,197.56	1,013.13	184.43	6.493		
7,600.00	4,039.88	8,543.72	4,039.44	88.07	101.03	89.98	3,484.12	-2,013.45	1,197.35	1,008.39	188.96	6.336		
7,621.63	4,039.76	8,565.35	4,039.61	88.57	101.52	89.99	3,499.33	-2,028.82	1,197.28	1,007.34	189.94	6.303		
7,700.00	4,039.55	8,643.71	4,040.22	90.35	103.29	90.04	3,554.44	-2,084.53	1,197.60	1,004.10	193.50	6.189		
7,800.00	4,040.31	8,743.66	4,040.99	92.65	105.55	90.06	3,624.73	-2,155.57	1,200.88	1,002.83	198.06	6.063		
7,900.00	4,041.57	8,843.61	4,041.77	94.95	107.81	90.03	3,695.02	-2,226.62	1,204.02	1,001.40	202.62	5.942		
8,000.00	4,041.95	8,943.59	4,042.55	97.23	110.08	90.04	3,765.34	-2,297.70	1,204.51	997.35	207.17	5.814		
8,052.97	4,041.97	8,996.55	4,042.96	98.44	111.28	90.05	3,802.59	-2,335.35	1,204.02	994.44	209.57	5.745		
8,100.00	4,042.54	9,043.58	4,043.33	99.51	112.34	90.06	3,835.66	-2,368.78	1,204.12	992.41	211.71	5.688		
8,200.00	4,044.94	9,143.56	4,044.11	101.80	114.61	89.97	3,905.97	-2,439.85	1,205.29	989.01	216.27	5.573		
8,300.00	4,047.43	9,243.54	4,044.89	104.09	116.87	89.88	3,976.29	-2,510.93	1,205.24	984.42	220.83	5.458		
8,308.96	4,047.64	9,252.50	4,044.95	104.29	117.08	89.87	3,982.59	-2,517.30	1,205.23	984.00	221.24	5.448		
8,400.00	4,049.18	9,343.53	4,045.66	106.38	119.14	89.85	4,046.61	-2,582.00	1,206.57	981.18	225.39	5.353		
8,500.00	4,051.28	9,443.48	4,046.44	108.68	121.41	89.80	4,116.91	-2,653.06	1,209.13	979.16	229.97	5.258		
8,600.00	4,052.09	9,543.42	4,047.22	110.99	123.68	89.78	4,187.19	-2,724.10	1,212.57	978.03	234.54	5.170		
8,700.00	4,052.52	9,643.31	4,048.00	113.30	125.95	89.78	4,257.44	-2,795.10	1,217.33	978.20	239.13	5.091		
8,800.00	4,050.90	9,743.21	4,048.78	115.61	128.22	89.87	4,327.70	-2,866.12	1,220.86	977.16	243.70	5.010		
8,900.00	4,049.57	9,843.13	4,049.55	117.92	130.49	89.98	4,397.97	-2,937.15	1,224.33	976.05	248.27	4.931		
9,000.00	4,048.66	9,943.07	4,050.33	120.23	132.76	90.08	4,468.25	-3,008.19	1,227.47	974.62	252.85	4.855		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795) - Kimbeto Wash Unit 794H - Original Hole - rev1													Offset Site Error:	0.00 ft	
Survey Program:		0-MWD		Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:				Offset Well Error:	0.00 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning		
9,100.00	4,049.41	10,043.01	4,051.11	122.53	135.04	90.09	4,538.55	-3,079.24	1,230.66	973.23	257.43	4.781			
9,200.00	4,049.60	10,143.00	4,051.89	124.83	137.31	90.11	4,608.86	-3,150.32	1,232.11	970.10	262.00	4.703			
9,300.00	4,050.28	10,243.00	4,052.67	127.12	139.59	90.11	4,679.19	-3,221.41	1,232.16	965.59	266.57	4.622			
9,400.00	4,051.40	10,343.00	4,053.44	129.40	141.87	90.09	4,749.52	-3,292.49	1,231.36	960.23	271.13	4.542			
9,452.37	4,052.28	10,395.36	4,053.85	130.60	143.06	90.07	4,786.35	-3,329.72	1,231.21	957.69	273.52	4.501			
9,500.00	4,053.23	10,442.99	4,054.22	131.69	144.14	90.05	4,819.84	-3,363.57	1,231.29	955.59	275.70	4.466			
9,600.00	4,055.32	10,542.98	4,055.00	133.98	146.42	89.98	4,890.16	-3,434.65	1,231.46	951.19	280.27	4.394			
9,700.00	4,057.12	10,642.96	4,055.78	136.26	148.70	89.92	4,960.48	-3,505.73	1,230.11	945.28	284.83	4.319			
9,753.52	4,057.82	10,696.48	4,056.20	137.48	149.92	89.92	4,998.12	-3,543.77	1,229.51	942.24	287.28	4.280			
9,800.00	4,058.14	10,742.96	4,056.56	138.54	150.98	89.93	5,030.80	-3,576.81	1,229.86	940.46	289.40	4.250			
9,900.00	4,059.03	10,799.70	4,057.00	140.85	152.27	89.94	5,070.71	-3,617.15	1,232.98	940.04	292.94	4.209 SF			
10,000.00	4,058.46	10,799.70	4,057.00	143.15	152.27	89.79	5,070.71	-3,617.15	1,242.57	949.25	293.32	4.236			
10,100.00	4,056.87	10,799.70	4,057.00	145.45	152.27	89.84	5,070.71	-3,617.15	1,258.72	967.40	291.32	4.321			
10,200.00	4,055.14	10,799.70	4,057.00	147.73	152.27	89.79	5,070.71	-3,617.15	1,281.71	994.50	287.21	4.463			
10,300.00	4,053.34	10,799.70	4,057.00	150.02	152.27	89.81	5,070.71	-3,617.15	1,311.56	1,030.22	281.34	4.662			
10,400.00	4,051.44	10,799.70	4,057.00	152.30	152.27	89.73	5,070.71	-3,617.15	1,347.67	1,073.56	274.11	4.917			
10,500.00	4,049.07	10,799.70	4,057.00	154.58	152.27	89.80	5,070.71	-3,617.15	1,389.81	1,123.88	265.92	5.226			
10,600.00	4,047.75	10,799.70	4,057.00	156.85	152.27	90.02	5,070.71	-3,617.15	1,437.67	1,180.50	257.17	5.590			
10,700.00	4,046.27	10,799.70	4,057.00	159.12	152.27	89.85	5,070.71	-3,617.15	1,490.07	1,241.97	248.10	6.006			
10,800.00	4,045.05	10,799.70	4,057.00	161.40	152.27	90.72	5,070.71	-3,617.15	1,546.75	1,307.80	238.95	6.473			
10,900.00	4,046.56	10,799.70	4,057.00	163.67	152.27	91.20	5,070.71	-3,617.15	1,608.51	1,378.45	230.06	6.992			
11,000.00	4,048.77	10,799.70	4,057.00	165.94	152.27	92.29	5,070.71	-3,617.15	1,672.97	1,451.65	221.32	7.559			
11,100.00	4,053.59	10,799.70	4,057.00	168.23	152.27	93.42	5,070.71	-3,617.15	1,742.39	1,529.21	213.18	8.173			
11,200.00	4,058.24	10,799.70	4,057.00	170.52	152.27	91.67	5,070.71	-3,617.15	1,814.78	1,609.33	205.46	8.833			
11,300.00	4,060.91	10,799.70	4,057.00	172.81	152.27	92.00	5,070.71	-3,617.15	1,890.03	1,691.83	198.19	9.536			
11,400.00	4,062.65	10,799.70	4,057.00	175.10	152.27	89.62	5,070.71	-3,617.15	1,967.33	1,776.00	191.34	10.282			
11,500.00	4,061.99	10,799.70	4,057.00	177.38	152.27	88.97	5,070.71	-3,617.15	2,046.24	1,861.40	184.84	11.070			



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795) - Kimbeto Wash Unit 794H - Original Hole - Surveys Original Hole												Offset Site Error:	0.00 ft
Survey Program: 405-MWD												Offset Well Error:	0.00 ft
Reference	Offset	Semi Major Axis		Offset Wellbore Centre		Distance		Rule Assigned:				Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
0.00	0.00	0.00	0.00	0.00	0.00	89.98	0.02	39.83	39.83				
100.00	100.00	100.09	100.09	0.13	0.17	-163.68	-0.17	39.71	39.74	39.44	0.30	133.882	
200.00	200.00	200.18	200.17	0.31	0.34	-162.90	-0.73	39.37	39.47	38.83	0.64	61.310	
300.00	300.00	300.26	300.25	0.49	0.50	-161.57	-1.66	38.80	39.04	38.05	0.99	39.404	
400.00	400.00	400.33	400.31	0.67	0.67	-159.67	-2.96	38.00	38.48	37.14	1.34	28.759	
500.00	500.00	500.50	500.45	1.01	1.02	-68.39	-4.84	36.81	37.37	35.33	2.03	18.382	
600.00	599.99	600.50	600.43	1.36	1.38	-46.68	-6.46	35.33	35.56	32.82	2.74	12.977	
700.00	699.99	700.30	700.21	1.71	1.74	-78.26	-7.58	34.23	34.44	30.99	3.45	9.983	
800.00	799.99	800.20	800.11	2.06	2.10	-14.39	-8.76	33.59	33.61	29.45	4.16	8.081	
900.00	899.99	900.11	900.01	2.41	2.46	-25.08	-9.41	33.08	32.95	28.08	4.86	6.772	
954.51	954.50	954.40	954.30	2.60	2.65	0.57	-9.71	33.13	32.81	27.56	5.25	6.254 CC, ES	
1,000.00	999.99	999.36	999.26	2.76	2.80	9.59	-9.71	33.78	33.14	27.58	5.56	5.965	
1,100.00	1,099.98	1,097.57	1,097.34	3.11	3.13	-10.69	-8.31	38.42	36.50	30.28	6.23	5.863 SF	
1,200.00	1,199.98	1,194.49	1,193.62	3.46	3.46	-12.06	-5.26	48.92	45.88	39.01	6.87	6.677	
1,300.00	1,299.97	1,289.90	1,287.54	3.81	3.79	-16.20	-1.46	65.18	62.07	54.58	7.49	8.282	
1,400.00	1,399.97	1,385.16	1,380.43	4.17	4.17	-40.48	-0.23	86.22	83.37	75.24	8.13	10.251	
1,500.00	1,499.96	1,479.88	1,472.18	4.53	4.57	-48.75	-2.60	109.63	107.28	98.50	8.78	12.217	
1,600.00	1,599.91	1,570.94	1,559.68	4.88	4.99	-116.68	-4.56	134.75	135.32	125.93	9.39	14.418	
1,700.00	1,699.94	1,656.88	1,641.10	5.24	5.44	-125.43	-5.51	162.21	171.57	161.61	9.96	17.231	
1,800.00	1,798.76	1,737.11	1,715.87	5.59	5.90	-140.75	-5.04	191.24	215.80	205.31	10.48	20.586	
1,900.00	1,897.99	1,813.84	1,785.98	5.95	6.38	-144.94	-2.99	222.35	265.34	254.37	10.97	24.182	
2,000.00	1,997.32	1,891.00	1,855.66	6.32	6.91	-142.36	0.77	255.26	316.66	305.17	11.49	27.551	
2,100.00	2,096.65	1,966.23	1,922.72	6.69	7.48	-142.22	5.68	289.00	370.13	358.12	12.01	30.818	
2,200.00	2,196.02	2,043.14	1,990.22	7.07	8.09	-140.77	11.40	325.41	425.65	413.08	12.57	33.854	
2,300.00	2,295.47	2,123.12	2,060.09	7.45	8.76	-142.33	17.71	363.83	481.44	468.25	13.19	36.493	
2,400.00	2,394.94	2,209.84	2,135.73	7.83	9.50	-143.01	24.48	405.70	537.39	523.47	13.92	38.614	
2,500.00	2,494.41	2,310.13	2,224.23	8.21	10.36	-143.29	31.95	452.26	591.60	576.78	14.81	39.942	
2,600.00	2,593.90	2,410.19	2,313.83	8.59	11.20	-143.32	38.66	496.31	643.22	627.54	15.68	41.010	
2,700.00	2,693.44	2,414.00	2,317.25	8.97	11.23	-144.58	38.92	497.95	698.57	683.19	15.39	45.402	
2,800.00	2,792.98	2,414.00	2,317.25	9.35	11.23	-144.12	38.92	497.95	763.12	748.15	14.98	50.958	
2,900.00	2,892.59	2,414.00	2,317.25	9.73	11.23	-151.19	38.92	497.95	834.27	819.72	14.55	57.333	
3,000.00	2,992.44	2,414.00	2,317.25	10.09	11.23	-167.47	38.92	497.95	909.34	895.21	14.13	64.358	
3,100.00	3,092.41	2,414.00	2,317.25	10.45	11.23	-176.36	38.92	497.95	987.27	973.54	13.73	71.893	
3,200.00	3,192.38	2,414.00	2,317.25	10.79	11.23	127.09	38.92	497.95	1,068.61	1,055.22	13.39	79.819	
3,300.00	3,292.09	2,414.00	2,317.25	11.12	11.23	113.43	38.92	497.95	1,153.91	1,140.80	13.11	87.999	
3,400.00	3,391.29	2,414.00	2,317.25	11.40	11.23	118.17	38.92	497.95	1,242.56	1,229.65	12.90	96.305	
3,500.00	3,490.35	2,414.00	2,317.25	11.52	11.23	120.03	38.92	497.95	1,333.64	1,320.94	12.71	104.950	
3,600.00	3,586.62	2,414.00	2,317.25	11.59	11.23	85.92	38.92	497.95	1,427.36	1,414.77	12.59	113.376	
3,700.00	3,676.25	2,414.00	2,317.25	11.70	11.23	57.08	38.92	497.95	1,520.55	1,507.98	12.57	120.942	
3,800.00	3,755.53	2,414.00	2,317.25	11.93	11.23	40.21	38.92	497.95	1,609.86	1,597.18	12.67	127.015	
3,900.00	3,822.36	2,414.00	2,317.25	12.35	11.23	31.21	38.92	497.95	1,693.39	1,680.49	12.90	131.303	
4,000.00	3,877.82	2,414.00	2,317.25	13.07	11.23	28.87	38.92	497.95	1,771.83	1,758.57	13.26	133.618	
4,100.00	3,931.59	2,414.00	2,317.25	14.03	11.23	27.48	38.92	497.95	1,851.31	1,837.64	13.67	135.388	
4,200.00	3,974.93	2,414.00	2,317.25	15.24	11.23	23.32	38.92	497.95	1,925.55	1,911.42	14.13	136.243	
4,300.00	4,002.80	2,414.00	2,317.25	16.72	11.23	20.36	38.92	497.95	1,991.69	1,977.01	14.68	135.656	
4,400.00	4,011.30	2,414.00	2,317.25	18.39	11.23	17.68	38.92	497.95	2,045.91	2,030.59	15.32	133.571	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795) - Kimbeto Wash Unit 795H - Original Hole - rev1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	0.00 ft
Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	0.00	0.00	89.98	0.02	59.89	59.89					
100.00	100.00	100.00	100.00	0.13	0.13	-163.95	0.02	59.89	59.91	59.65	0.26	232.119		
200.00	200.00	200.00	200.00	0.31	0.49	-163.97	0.02	59.89	59.98	59.18	0.80	75.368		
300.00	300.00	300.00	300.00	0.49	0.85	-164.00	0.02	59.89	60.09	58.76	1.33	45.063		
400.00	400.00	400.00	400.00	0.67	1.20	-164.04	0.02	59.89	60.25	58.38	1.87	32.199		
500.00	500.00	500.00	500.00	1.01	1.56	-75.44	0.02	59.89	60.21	57.64	2.57	23.412		
600.00	599.99	599.99	599.99	1.36	1.92	-56.14	0.02	59.89	59.79	56.51	3.28	18.240		
699.69	699.68	699.68	699.68	1.71	2.28	-89.27	0.02	59.89	59.56	55.57	3.99	14.942		
700.00	699.99	699.99	699.99	1.71	2.28	-89.48	0.02	59.89	59.69	55.71	3.99	14.968		
800.00	799.99	799.99	799.99	2.06	2.64	-27.73	0.02	59.89	59.32	54.63	4.70	12.632		
812.24	812.23	811.98	811.98	2.10	2.68	-28.87	0.05	59.91	59.30	54.52	4.78	12.400 CC, ES		
900.00	899.99	897.87	897.83	2.41	2.99	-41.33	1.96	61.48	60.84	55.44	5.39	11.278		
1,000.00	999.99	995.28	994.94	2.76	3.34	-11.80	7.72	66.23	65.85	59.76	6.08	10.827		
1,100.00	1,099.98	1,091.73	1,090.60	3.11	3.69	-34.96	17.18	74.03	74.92	68.16	6.76	11.088		
1,200.00	1,199.98	1,186.72	1,184.08	3.46	4.05	-36.91	30.13	84.71	89.21	81.80	7.41	12.032		
1,300.00	1,299.97	1,279.87	1,274.84	3.81	4.44	-42.27	46.30	98.03	108.95	100.91	8.05	13.539		
1,400.00	1,399.97	1,370.73	1,362.28	4.17	4.84	-70.40	65.34	113.73	134.05	125.39	8.66	15.484		
1,500.00	1,499.96	1,458.92	1,445.92	4.53	5.28	-83.63	86.87	131.47	164.38	155.15	9.23	17.810		
1,600.00	1,599.91	1,543.47	1,524.83	4.88	5.73	-154.80	110.29	150.77	201.32	191.53	9.79	20.570		
1,700.00	1,699.54	1,622.39	1,597.21	5.24	6.20	-164.85	134.56	170.78	247.82	237.50	10.32	24.025		
1,800.00	1,798.76	1,700.00	1,667.06	5.59	6.69	179.58	160.65	192.29	301.78	290.92	10.86	27.791		
1,900.00	1,897.99	1,765.81	1,725.17	5.95	7.16	176.26	184.48	211.93	358.86	347.62	11.24	31.931		
2,000.00	1,997.32	1,840.11	1,789.68	6.32	7.71	179.47	212.92	235.37	417.91	406.15	11.76	35.525		
2,100.00	2,096.65	1,920.48	1,859.32	6.69	8.33	-179.89	243.88	260.88	477.27	464.88	12.39	38.513		
2,200.00	2,196.02	2,000.97	1,929.07	7.07	8.97	-177.88	274.89	286.44	536.45	523.42	13.03	41.170		
2,300.00	2,295.47	2,081.94	1,999.23	7.45	9.63	-179.02	306.07	312.15	595.02	581.34	13.68	43.498		
2,400.00	2,394.94	2,163.00	2,069.46	7.83	10.30	-179.47	337.30	337.89	653.49	639.15	14.34	45.583		
2,500.00	2,494.41	2,244.10	2,139.74	8.21	10.98	-179.49	368.54	363.64	711.90	696.90	15.00	47.461		
2,600.00	2,593.90	2,325.24	2,210.05	8.59	11.67	-179.27	399.79	389.40	770.27	754.61	15.67	49.163		
2,700.00	2,693.44	2,406.73	2,280.66	8.97	12.36	179.29	431.18	415.27	828.17	811.83	16.34	50.679		
2,800.00	2,792.98	2,488.19	2,351.25	9.35	13.07	179.53	462.56	441.14	886.12	869.10	17.02	52.061		
2,900.00	2,892.59	2,570.16	2,422.27	9.73	13.78	173.25	494.14	467.16	943.37	925.66	17.70	53.288		
3,000.00	2,992.44	2,654.12	2,495.02	10.09	14.51	158.36	526.48	493.82	997.65	979.25	18.39	54.235		
3,100.00	3,092.41	2,739.75	2,569.22	10.45	15.26	150.05	559.46	521.01	1,049.28	1,030.18	19.10	54.935		
3,200.00	3,192.38	2,826.05	2,643.99	10.79	16.02	95.09	592.71	548.41	1,099.79	1,079.98	19.81	55.506		
3,300.00	3,292.09	2,912.60	2,718.99	11.12	16.79	85.14	626.04	575.88	1,149.61	1,129.08	20.53	55.996		
3,400.00	3,391.29	2,998.74	2,793.63	11.40	17.55	91.55	659.23	603.23	1,199.43	1,178.24	21.19	56.599		
3,500.00	3,490.35	3,083.84	2,867.37	11.52	18.31	96.11	692.01	630.26	1,250.92	1,229.21	21.71	57.615		
3,600.00	3,586.62	3,166.32	2,938.84	11.59	19.04	86.26	723.78	656.44	1,302.51	1,280.32	22.19	58.706		
3,700.00	3,676.25	3,244.09	3,006.23	11.70	19.74	77.01	753.74	681.14	1,351.26	1,328.55	22.72	59.482		
3,800.00	3,755.53	3,314.19	3,066.97	11.93	20.36	73.62	780.74	703.39	1,396.27	1,372.90	23.38	59.730		
3,900.00	3,822.36	3,374.50	3,119.23	12.35	20.90	70.14	803.97	722.54	1,438.23	1,414.00	24.22	59.370		
4,000.00	3,877.82	3,425.31	3,163.25	13.07	21.36	70.98	823.54	738.67	1,479.42	1,454.11	25.31	58.447		
4,100.00	3,931.59	3,474.72	3,206.06	14.03	21.80	70.57	842.57	754.36	1,523.81	1,497.22	26.58	57.328		
4,200.00	3,974.93	3,516.34	3,242.13	15.24	22.18	68.19	858.61	767.57	1,566.74	1,538.71	28.03	55.896		
4,300.00	4,002.80	3,544.61	3,266.63	16.72	22.43	64.89	869.50	776.55	1,608.80	1,579.19	29.61	54.333		
4,400.00	4,011.30	3,556.86	3,277.24	18.39	22.54	61.13	874.22	780.44	1,647.06	1,615.84	31.22	52.751		
4,500.00	4,011.32	3,561.27	3,281.06	20.20	22.58	61.46	875.91	781.84	1,687.69	1,654.86	32.83	51.414		
4,600.00	4,012.30	3,566.61	3,285.68	22.10	22.63	62.01	877.97	783.53	1,733.35	1,698.94	34.41	50.378		
4,700.00	4,014.45	3,573.54	3,291.69	24.06	22.69	62.84	880.64	785.73	1,783.03	1,747.08	35.95	49.604		
4,800.00	4,017.24	3,581.96	3,298.99	26.06	22.77	63.57	883.88	788.41	1,835.62	1,798.19	37.43	49.043		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795) - Kimbeto Wash Unit 795H - Original Hole - rev1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	0.00 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Semi Major Axis (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Distance Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,900.00	4,020.70	5,638.92	4,432.74	28.09	36.32	102.65	102.65	2,018.05	336.79	1,874.82	1,818.74	56.08	33.430	
4,960.69	4,022.42	5,699.59	4,433.25	29.36	37.01	102.67	102.67	2,060.71	293.66	1,873.78	1,815.64	58.14	32.227	
5,000.00	4,023.01	5,738.89	4,433.58	30.19	37.47	102.68	102.68	2,088.35	265.72	1,875.24	1,815.72	59.52	31.504	
5,100.00	4,025.14	5,838.85	4,434.42	32.33	38.78	102.62	102.62	2,158.65	194.66	1,877.17	1,813.54	63.63	29.500	
5,200.00	4,027.28	5,938.84	4,435.26	34.49	40.22	102.55	102.55	2,228.96	123.58	1,878.14	1,810.45	67.69	27.747	
5,289.76	4,028.56	6,028.60	4,436.02	36.43	41.62	102.53	102.53	2,292.08	59.77	1,878.36	1,807.00	71.36	26.323	
5,300.00	4,028.73	6,038.83	4,436.10	36.66	41.79	102.53	102.53	2,299.28	52.49	1,878.01	1,806.23	71.78	26.165	
5,400.00	4,029.22	6,138.83	4,436.94	38.84	43.45	102.54	102.54	2,369.60	-18.59	1,879.03	1,803.12	75.90	24.755	
5,500.00	4,030.10	6,238.79	4,437.79	41.06	45.20	102.54	102.54	2,439.90	-89.66	1,881.75	1,801.67	80.09	23.496	
5,600.00	4,031.36	6,338.74	4,438.63	43.28	47.02	102.50	102.50	2,510.19	-160.72	1,884.46	1,800.15	84.31	22.351	
5,700.00	4,033.66	6,438.71	4,439.47	45.51	48.89	102.46	102.46	2,580.49	-231.78	1,886.12	1,797.55	88.57	21.295	
5,800.00	4,036.37	6,538.68	4,440.31	47.73	50.82	102.36	102.36	2,650.79	-302.85	1,885.95	1,793.11	92.84	20.315	
5,900.00	4,037.39	6,638.58	4,441.15	49.92	52.78	102.36	102.36	2,721.05	-373.87	1,881.66	1,784.60	97.06	19.386	
6,000.00	4,039.35	6,738.42	4,441.99	52.11	54.78	102.35	102.35	2,791.26	-444.85	1,876.08	1,774.78	101.30	18.519	
6,100.00	4,041.49	6,838.31	4,442.83	54.31	56.81	102.34	102.34	2,861.50	-515.86	1,871.32	1,765.75	105.57	17.726	
6,200.00	4,043.97	6,938.20	4,443.67	56.52	58.86	102.30	102.30	2,931.75	-586.87	1,866.81	1,756.95	109.86	16.992	
6,300.00	4,045.58	7,038.06	4,444.51	58.72	60.93	102.39	102.39	3,001.98	-657.86	1,861.51	1,747.37	114.14	16.309	
6,400.00	4,044.97	7,137.83	4,445.35	60.92	63.02	102.53	102.53	3,072.14	-728.79	1,855.39	1,737.01	118.38	15.673	
6,500.00	4,044.31	7,237.70	4,446.19	63.13	65.13	102.54	102.54	3,142.37	-799.79	1,851.25	1,728.60	122.65	15.094	
6,600.00	4,044.33	7,337.66	4,447.04	65.37	67.26	102.58	102.58	3,212.67	-870.85	1,849.03	1,722.07	126.96	14.564	
6,646.65	4,044.51	7,384.31	4,447.43	66.43	68.25	102.59	102.59	3,245.47	-904.01	1,848.45	1,719.46	128.99	14.330	
6,700.00	4,044.85	7,437.65	4,447.88	67.63	69.40	102.61	102.61	3,282.98	-941.93	1,849.65	1,718.33	131.32	14.085	
6,800.00	4,046.20	7,537.62	4,448.72	69.91	71.55	102.57	102.57	3,353.29	-1,013.00	1,851.54	1,715.81	135.72	13.642	
6,900.00	4,045.78	7,637.60	4,449.56	72.19	73.71	102.57	102.57	3,423.60	-1,084.07	1,853.37	1,713.28	140.09	13.230	
7,000.00	4,044.81	7,737.58	4,450.40	74.46	75.88	102.63	102.63	3,493.90	-1,155.15	1,854.73	1,710.27	144.45	12.840	
7,100.00	4,044.41	7,837.57	4,451.24	76.73	78.06	102.67	102.67	3,564.22	-1,226.23	1,854.87	1,706.06	148.81	12.464	
7,200.00	4,044.23	7,937.55	4,452.09	78.99	80.24	102.71	102.71	3,634.53	-1,297.31	1,853.49	1,700.32	153.17	12.101	
7,247.18	4,043.84	7,984.72	4,452.48	80.06	81.28	102.74	102.74	3,667.71	-1,330.84	1,853.34	1,698.12	155.22	11.940	
7,300.00	4,042.98	8,037.52	4,452.93	81.25	82.43	102.77	102.77	3,704.84	-1,368.38	1,854.13	1,696.62	157.52	11.771	
7,400.00	4,041.57	8,137.50	4,453.77	83.53	84.63	102.84	102.84	3,775.15	-1,439.45	1,854.43	1,692.56	161.86	11.457	
7,500.00	4,040.65	8,237.48	4,454.61	85.80	86.84	102.89	102.89	3,845.46	-1,510.53	1,854.92	1,688.69	166.23	11.159	
7,600.00	4,039.88	8,337.47	4,455.45	88.07	89.05	102.95	102.95	3,915.77	-1,581.61	1,855.06	1,684.48	170.59	10.875	
7,610.29	4,039.82	8,347.75	4,455.54	88.31	89.27	102.95	102.95	3,923.01	-1,588.93	1,855.05	1,684.01	171.04	10.846	
7,700.00	4,039.55	8,437.46	4,456.29	90.35	91.26	102.99	102.99	3,986.09	-1,652.70	1,855.56	1,680.60	174.97	10.605	
7,800.00	4,040.31	8,537.40	4,457.13	92.65	93.48	102.99	102.99	4,056.37	-1,723.75	1,858.78	1,679.37	179.41	10.361	
7,900.00	4,041.57	8,637.35	4,457.98	94.95	95.70	102.95	102.95	4,126.66	-1,794.80	1,861.74	1,677.87	183.87	10.125	
8,000.00	4,041.95	8,737.34	4,458.82	97.23	97.93	102.94	102.94	4,196.98	-1,865.88	1,862.32	1,674.05	188.27	9.892	
8,053.45	4,041.97	8,790.78	4,459.27	98.45	99.12	102.95	102.95	4,234.56	-1,903.87	1,861.92	1,671.31	190.61	9.768	
8,100.00	4,042.54	8,837.32	4,459.66	99.51	100.16	102.97	102.97	4,267.29	-1,936.96	1,861.98	1,669.31	192.67	9.664	
8,200.00	4,044.94	8,937.30	4,460.50	101.80	102.39	102.90	102.90	4,337.60	-2,008.04	1,862.77	1,665.62	197.14	9.449	
8,300.00	4,047.43	9,037.29	4,461.34	104.09	104.63	102.84	102.84	4,407.92	-2,079.12	1,862.35	1,660.75	201.60	9.238	
8,320.88	4,047.92	9,058.17	4,461.52	104.56	105.09	102.84	102.84	4,422.60	-2,093.96	1,862.29	1,659.75	202.53	9.195	
8,400.00	4,049.18	9,137.27	4,462.18	106.38	106.87	102.83	102.83	4,478.23	-2,150.20	1,863.44	1,657.38	206.06	9.043	
8,500.00	4,051.28	9,237.23	4,463.03	108.68	109.11	102.79	102.79	4,548.52	-2,221.26	1,865.64	1,655.09	210.55	8.861	
8,600.00	4,052.09	9,337.17	4,463.87	110.99	111.35	102.75	102.75	4,618.80	-2,292.30	1,869.00	1,653.98	215.02	8.692	
8,700.00	4,052.52	9,437.06	4,464.71	113.30	113.59	102.71	102.71	4,689.05	-2,363.31	1,873.73	1,654.24	219.49	8.537	
8,800.00	4,050.90	9,536.96	4,465.55	115.61	115.84	102.73	102.73	4,759.30	-2,434.34	1,877.72	1,653.82	223.89	8.387	
8,900.00	4,049.57	9,636.88	4,466.39	117.92	118.09	102.78	102.78	4,829.57	-2,505.37	1,881.58	1,653.27	228.30	8.242	
9,000.00	4,048.66	9,736.81	4,467.23	120.23	120.34	102.84	102.84	4,899.85	-2,576.41	1,885.03	1,652.30	232.72	8.100	
9,100.00	4,049.41	9,836.76	4,468.07	122.53	122.59	102.82	102.82	4,970.13	-2,647.46	1,888.15	1,650.96	237.19	7.961	
9,200.00	4,049.60	9,936.75	4,468.91	124.83	124.85	102.82	102.82	5,040.45	-2,718.54	1,889.70	1,648.08	241.62	7.821	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Offset Design: Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795) - Kimbeto Wash Unit 795H - Original Hole - rev1													Offset Site Error: 0.00 ft	
Survey Program: 0-MWD		Offset		Semi Major Axis		Offset Wellbore Centre			Rule Assigned: Distance				Offset Well Error: 0.00 ft	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
9,300.00	4,050.28	10,036.74	4,469.76	127.12	127.11	102.82	5,110.77	-2,789.63	1,889.78	1,643.74	246.04	7.681		
9,400.00	4,051.40	10,136.74	4,470.60	129.40	129.37	102.82	5,181.09	-2,860.72	1,888.93	1,638.46	250.47	7.542		
9,481.46	4,052.83	10,218.19	4,471.28	131.27	131.21	102.80	5,238.37	-2,918.63	1,888.66	1,634.56	254.10	7.433		
9,500.00	4,053.23	10,236.73	4,471.44	131.69	131.63	102.80	5,251.41	-2,931.81	1,888.64	1,633.70	254.93	7.408		
9,600.00	4,055.32	10,336.73	4,472.28	133.98	133.89	102.75	5,321.73	-3,002.89	1,888.52	1,629.12	259.41	7.280		
9,700.00	4,057.12	10,436.71	4,473.12	136.26	136.15	102.72	5,392.04	-3,073.97	1,886.99	1,623.14	263.85	7.152		
9,754.30	4,057.82	10,491.00	4,473.58	137.50	137.38	102.73	5,430.22	-3,112.57	1,886.35	1,620.09	266.26	7.085		
9,800.00	4,058.14	10,536.70	4,473.96	138.54	138.41	102.74	5,462.36	-3,145.06	1,886.70	1,618.42	268.28	7.033		
9,900.00	4,059.03	10,636.67	4,474.81	140.85	140.68	102.74	5,532.67	-3,216.13	1,888.98	1,616.23	272.75	6.926		
10,000.00	4,058.46	10,736.64	4,475.65	143.15	142.94	102.73	5,602.96	-3,287.19	1,891.31	1,614.15	277.17	6.824		
10,100.00	4,056.87	10,778.61	4,476.00	145.45	143.90	102.77	5,632.48	-3,317.03	1,893.44	1,612.94	280.49	6.750		
10,200.00	4,055.14	10,778.61	4,476.00	147.73	143.90	102.76	5,632.48	-3,317.03	1,899.61	1,617.26	282.35	6.728 SF		
10,300.00	4,053.34	10,778.61	4,476.00	150.02	143.90	102.76	5,632.48	-3,317.03	1,910.62	1,627.33	283.29	6.744		
10,400.00	4,051.44	10,778.61	4,476.00	152.30	143.90	102.72	5,632.48	-3,317.03	1,926.26	1,642.90	283.36	6.798		
10,500.00	4,049.07	10,778.61	4,476.00	154.58	143.90	102.75	5,632.48	-3,317.03	1,946.75	1,664.19	282.57	6.889		
10,600.00	4,047.75	10,778.61	4,476.00	156.85	143.90	102.84	5,632.48	-3,317.03	1,971.88	1,690.83	281.05	7.016		
10,700.00	4,046.27	10,778.61	4,476.00	159.12	143.90	102.72	5,632.48	-3,317.03	2,001.02	1,722.20	278.82	7.177		
10,800.00	4,045.05	10,778.61	4,476.00	161.40	143.90	103.21	5,632.48	-3,317.03	2,034.14	1,758.16	275.97	7.371		
10,900.00	4,046.56	10,778.61	4,476.00	163.67	143.90	103.38	5,632.48	-3,317.03	2,071.99	1,799.27	272.72	7.597		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
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Well Error:	0.00 ft	Output errors are at	2.00 sigma
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Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB+6534+28 @ 6562.00ft (Ensign 7

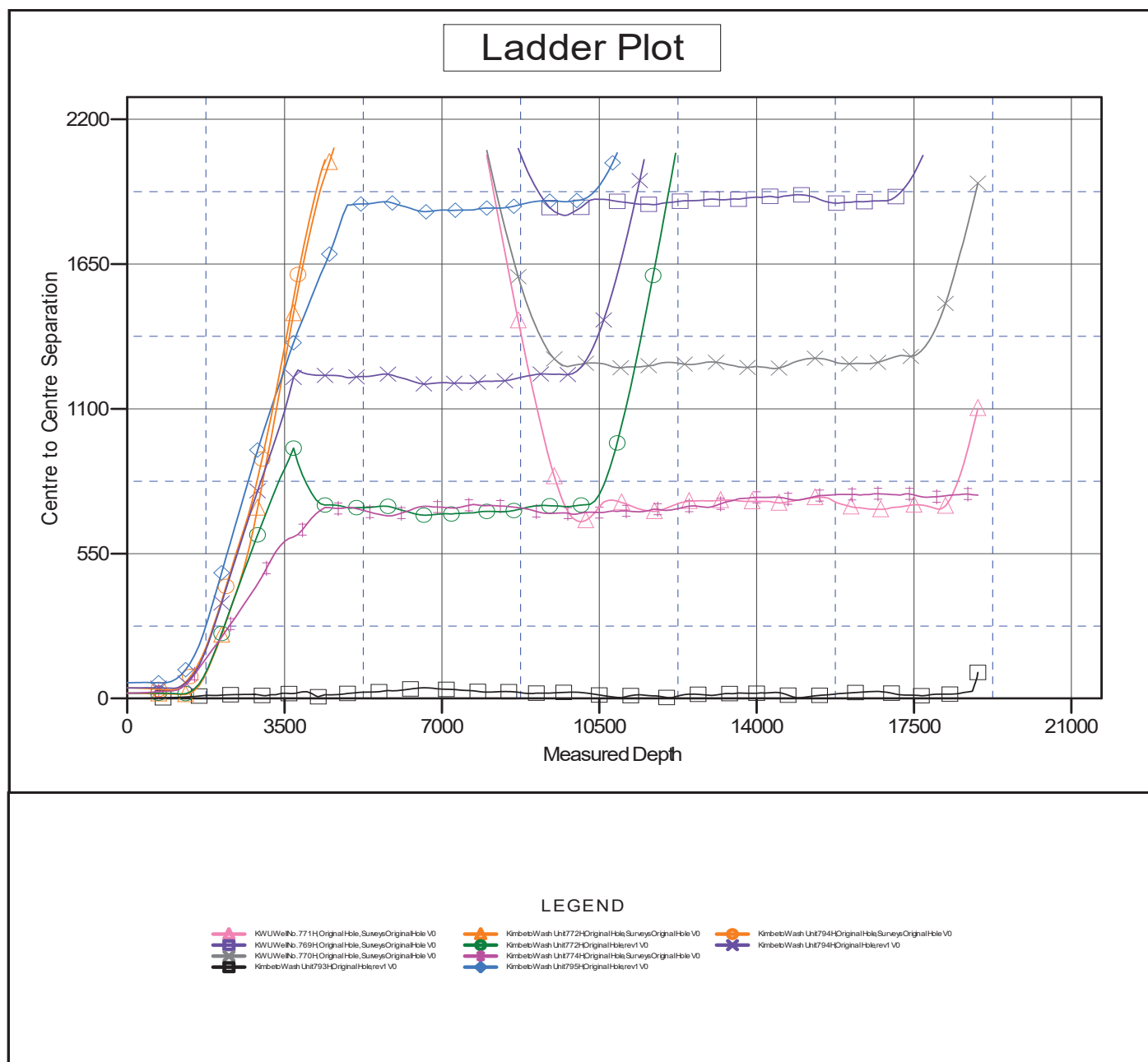
Offset Depths are relative to Offset Datum

Central Meridian is -107.833333333

Coordinates are relative to: Kimbeto Wash Unit 793H

Coordinate System is US State Plane 1983, New Mexico Western Zone

Grid Convergence at Surface is: 0.02°



CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Anticollision Report

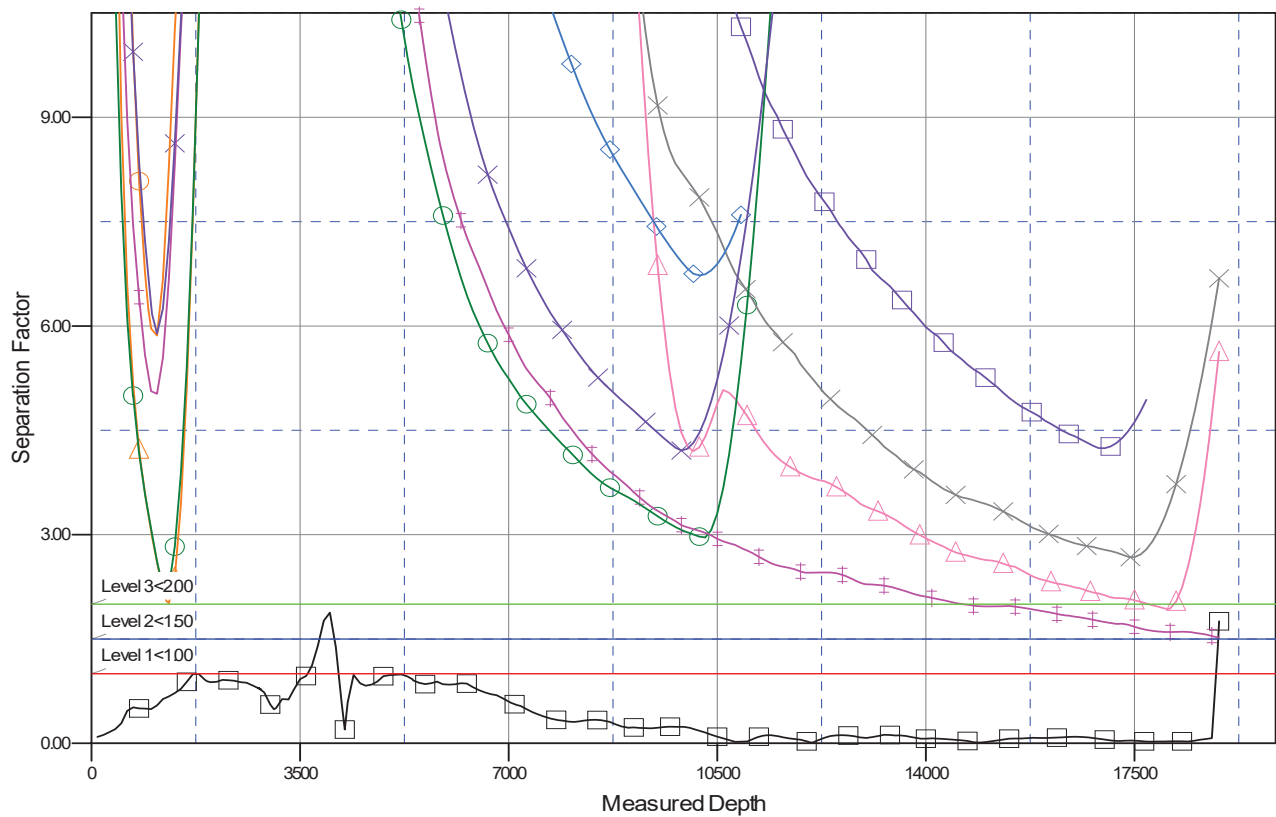


Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 793H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Reference Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB+6534+28 @ 6562.00ft (Ensign 773)
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Kimbeto Wash Unit 793H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Original Hole	Database:	DB_Feb2822
Reference Design:	Surveys Original Hole	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB+6534+28 @ 6562.00ft (Ensign 7
Offset Depths are relative to Offset Datum
Central Meridian is -107.833333333

Coordinates are relative to: Kimbeto Wash Unit 793H
Coordinate System is US State Plane 1983, New Mexico Western Zone
Grid Convergence at Surface is: 0.02°

Separation Factor Plot



LEGEND

KWUWellb.771H.OriginalHole.SurveysOriginalHole V0	KimbetoWash Unit772H.OriginalHole.SurveysOriginalHole V0	KimbetoWash Unit794H.OriginalHole.SurveysOriginalHole V0
KWUWellb.769H.OriginalHole.SurveysOriginalHole V0	KimbetoWash Unit772H.OriginalHole.revi V0	KimbetoWash Unit793H.OriginalHole.revi V0
KWUWellb.770H.OriginalHole.SurveysOriginalHole V0	KimbetoWash Unit774H.OriginalHole.SurveysOriginalHole V0	
KimbetoWash Unit793H.OriginalHole.revi V0	KimbetoWash Unit795H.OriginalHole.revi V0	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



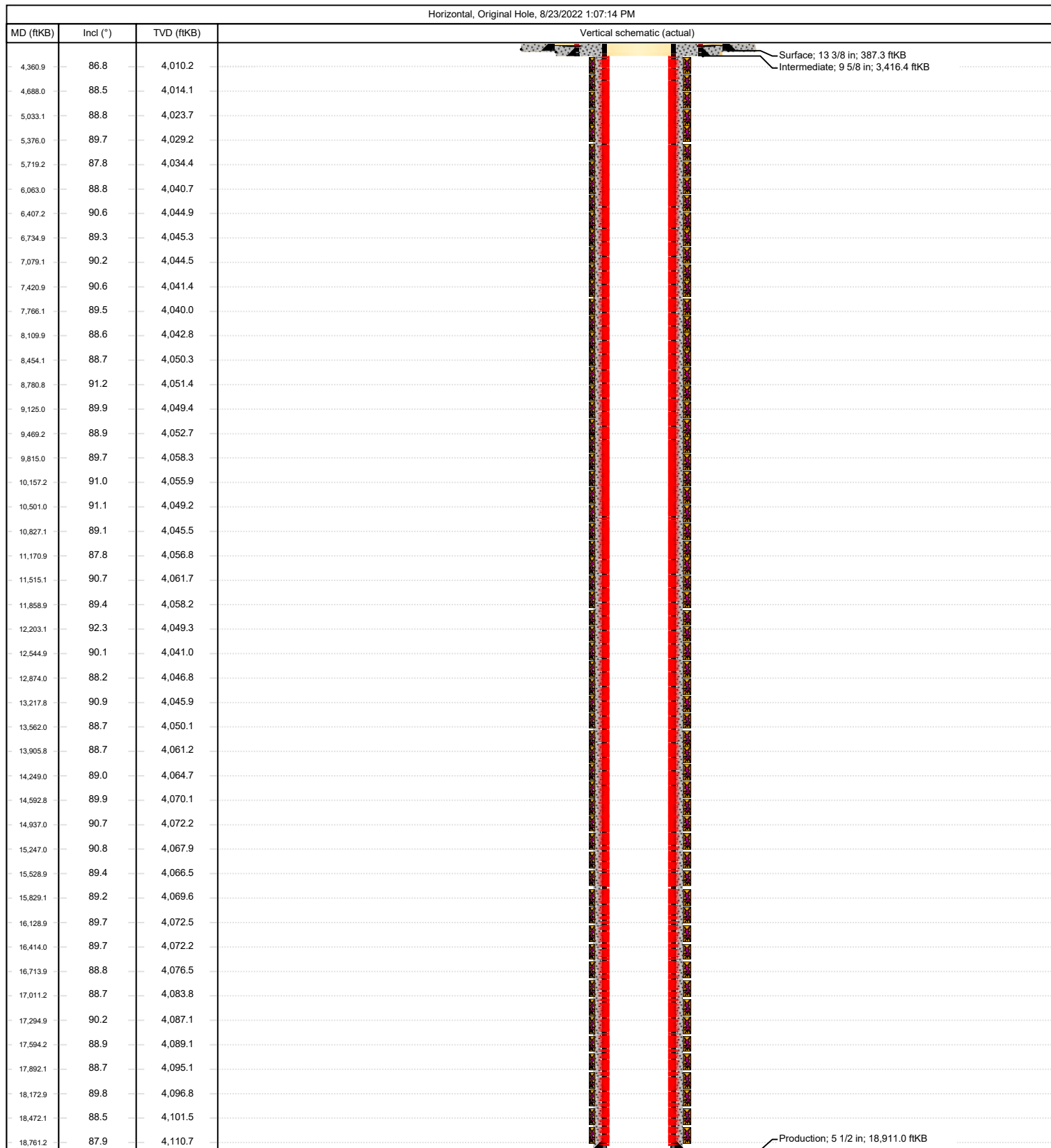
WELLBORE DIAGRAM

Well Name: GREATER LYBROOK UNIT 793H

API/UWI 30-045-35822	Surface Legal Location UNIT (C), NE/4, NW/4, SEC.28, T23N, R...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,562.00	KB-Tubing Head Distance (ft)	Spud Date 3/22/2022 14:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 3,407.1

Most Recent Job

Job Category Completion/Workover	Primary Job Type Initial Completion	Secondary Job Type Initial Completion	Start Date 6/1/2022	End Date
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This document will be submitted with the completion package after the well has been completed.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 127300

ACKNOWLEDGMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 127300
	Action Type: [C-104] Tight Hole Completion Packet (C-104CT)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 127300

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 127300
	Action Type: [C-104] Tight Hole Completion Packet (C-104CT)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 11/21/2022.	1/22/2025