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 District I – (575) 393-6161
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 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
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 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-103
 Revised July 18, 2013

WELL API NO. 30-025-46746	
5. Indicate Type of Lease STATE ☐ FEE ☒	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name SALT CREEK AGI	
8. Well Number 1	
9. OGRID Number 373554	
10. Pool name or Wildcat AGI: Delaware	
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well ☐ Gas Well ☐ Other ☒ ACID GAS INJECTION 2. Name of Operator Salt Creek Midstream, LLC 3. Address of Operator 5825 N Sam Houston Pkwy W, Suite 150 Houston, TX 77086 4. Well Location Unit Letter L : 2,362 feet from the SOUTH line and 595 feet from the WEST line Section 21 Township 26S Range 36E NMPM County LEA 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2,927' (GR)	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☐	OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

SALT CREEK AGI #1 REQUEST TO PLUG EXISTING WELLBORE, SIDETRACK NEW ADJACENT WELLBORE, AND REVISE PRODUCTION CASING DESIGN

On behalf of Salt Creek Midstream, LLC (Salt Creek), we (Geolex, Inc.) are requesting approval for revision to the Salt Creek AGI #1 (API: 30-025-46746) casing program and approval to move forward with operations to plug the existing wellbore and sidetrack a new wellbore, due to existing down-hole stability problems and to resolve a current issue of stuck 7.625-inch and 7-inch production casing currently in the wellbore. Revised casing materials (7-inch HP-P110) are proposed to allow for rotation of casing during installation within the proposed sidetrack borehole, and are reflective of currently available materials.

Following successful open-hole geophysical logging of the production casing interval (approx. 2,100 to 7,040 feet), on November 4, 2022, operations to set and cement the 7.625-inch production casing string began. Casing was installed to a depth of 5,696 feet MD, however, at this depth interval the casing string became stuck and was unable to be progressed further or extracted from the wellbore. Over the following days, Permian Oilfield Partners (project general contractor) made several attempts to free the stuck pipe. Drilling mud was displaced with freshwater to reduce overburden pressure, casing jacks were utilized to provide additional lift, and nitrogen displacement was completed in attempt to free the casing segment. All attempts to free the stuck pipe were unsuccessful. Following jet cutting and removal of a portion of the fish, the current stuck casing segment is located along a depth interval of approximately 3,140 to 5,687 feet.

To address this issue, Salt Creek proposes plugging of the existing wellbore and progression of a new adjacent wellbore, via sidetrack operations, in accordance with the attached plugging and sidetrack drilling procedure (Attachment A).

Plugging of the existing wellbore will occur in three phases. First, a corrosion/acid resistant cement (CorrosaCem™) plug will be set from a depth of 7,040 ft. (TD) to 5,680 ft, which will be tied in at the base of currently stuck production casing segment. Once this initial corrosion-resistant plug has set and been tagged to verify adequate placement under the stuck casing, Salt Creek will perforate the interval of casing, in order to allow a second corrosion resistant cement (CorrosaCem™) plug to be emplaced behind and within the casing, from the approximate depth interval of 5,680 ft. to 3,150 ft. Once adequate time has passed for the

second corrosion-resistant plug to set, a final balanced cement (HalCem™) plug will be pumped from a depth of approximately 3,150 feet to the surface casing shoe (at 2,100 ft.). Specific details of the proposed cementing program are included in the attached Halliburton Plugging Plan (Attachment B).

Upon completion of successful plugging operations, Salt Creek proposes to sidetrack a new wellbore, which will be kicked off at an approximate depth of 2,211 MD (2,209 TVD). The proposed sidetrack completion is illustrated in the attached revised wellbore schematic (Attachment A) and Stryker Directional Planning Report (Attachment C). The proposed kickoff point lies within the Rustler Formation and will be progressed in a northwest direction (300° azimuth) and will be separated from the adjacent abandoned hole by at least 120 feet.

All design considerations for the sidetrack interval remain unchanged, with the exception that 7-inch, HP-P110 grade casing is proposed to be substituted for 7.625-inch, L-80 grade casing, due to the current material availability options and the critical need to be able to rotate production casing during installation, which will minimize the potential for sticking in the sidetrack wellbore. All other well design considerations and installation methods, including utilization of approximately 300 feet of corrosion-resistant alloy (CRA) casing and corrosion-resistant resin cement, will remain unchanged.

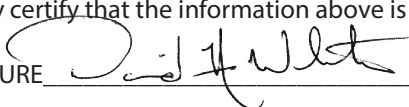
Conditionally Approved (see attached COA)

The proposed cement plugging operations and requested changes to the casing schedule are summarized below and a revised well schematic has been included as an attachment to this sundry request. In summary:

1. Salt Creek requests approval to abandon the current wellbore, plug the interval from TD (7,040 feet MD) to approximately 2,100 feet MD, and kickoff to advance an adjacent wellbore to address the existing issue of stuck 7.625-inch casing, which currently inhibits the ability to set and cement casing in the production interval.
2. Plugging of the existing, unstable wellbore will include the following operations:
 - a.) Set a corrosion-resistant cement (CorrosaCem™) plug from TD (7,040 ft.) to the base of the stuck casing segment at 5,680 ft. Cement will be tagged to confirm adequate placement.
 - b.) Perforate currently stuck production casing segment and emplace corrosion-resistant cement behind (via cement squeeze) and within production casing from approximately 5,680 ft. to 3,150 ft.
 - c.) Set a balanced cement plug (HalCem™) from approximately 3,150 ft. to the base of the surface casing shoe (2,100 ft.).
3. For subsequent sidetracked drilling and completion operations, Salt Creek requests approval to substitute 7-inch, HP-P110 grade casing for the currently planned 7.625-inch, L-80 grade casing, due to the current material availability options. All other design considerations will remain unchanged.

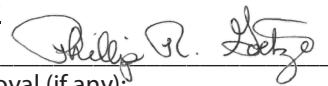
We appreciate your consideration of this matter and are available for further discussion, as needed, regarding the proposed change in operations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE Consultant to Salt Creek DATE 11/15/2022

Type or print name David A. White, P.G. E-mail address: dwhite@geolex.com PHONE: 505-842-8000

For State Use Only

APPROVED BY:  TITLE UIC Manager DATE 11/16/2022

Conditions of Approval (if any):

ATTACHMENT A

PERMIAN OILFIELD PARTNERS PROPOSED PLUGGING AND COMPLETION PROCEDURE



Plugging & Completion Procedure
Salt Creek Midstream
Salt Creek AGI #1
2370' FSL & 594' FWL
Sec 21, T26S, R36E
Lea County, New Mexico

WELLBORE SCHEMATIC

Salt Creek Midstream
 Salt Creek AGI #1
 2370' FSL, 594' FWL
 Sec. 21, T26S, R36E

Surface - (Conventional)

Hole Size: 12.25"
 Casing: 9.625" - 40# J-55 BTC Casing
 Depth Top: Surface
 Depth Btm: 2100'
 Cement: 670 sks Econocem w/5% Salt, 3# KOL Seal,
 0.125Poly-E-Flake, .25# D-air, .2% HR-800

Cement Top: Surface (Circulated)

Production Csg #1 - (Cut Off)

Hole Size: 8.75"
 Hole Depth: 7040'
 Casing: 7.625" - 29.7# L-80 FJ x 7" 29# SM2535 VAMTOP
 Depth Top: 3140'
 Depth Btm: 5687'
 ECP/DV Tool: 4200'
 Cement: Stage 1 - CorrosaCem cement plug from 5680' - 7040'
 Stage 2 - CorrosaCem cement "spot & squeeze" from 3140' - 5680' utilizing cement
 retainer set @ 3150' & perforations @ 5678'
 Stage 3 - HalCem cement plug from 3140' - Surface Casing Shoe (Tied Back)

Production Csg #2 - (Side Track)

Hole Size: 8.75"
 Hole Depth: 7040'
 Casing: 7" - 29# HP-110 CDC HTQ x 7" 29# SM2535 VAMTOP (CRA csg above injection interval)
 Depth Top: Surface
 Depth Btm: 7040'
 ECP/DV Tool: 3120'
 ECP/DV Tool: 5554'

Cement: Stage 1 - CorrosaCem cement to surface
 Stage 2 - Lead w/CorrosaCem, Tail w/Halliburton WellLock Resin across CRA csg
 Stage 3 - HalCem cement to surface

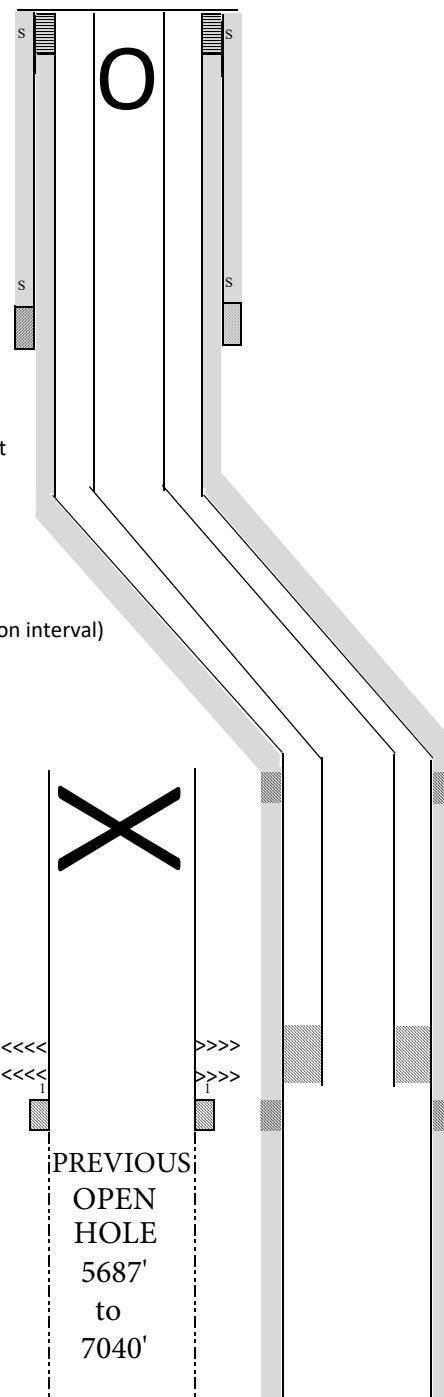
Cement Top: Surface (Circulated)

Tubing - (Conventional)

Tbg Size: 3.5" 9.3# L80 BTS-8 x 3.5" 9.2# G3 VAMTOP
 Tbg Depth: 5540'
 Packer: Inconel 925 Permanent Packer w/PT guages
 Accessories: PT guages @ 5520', SSSV @ less than 100'
 Packer Fluid: Corrosion inhibited diesel

Perforations - (6 SPF - 60 deg phasing)

Top Shot: TBD'
 Btm Shot: TBD'



7 5/8" Production Casing Plugging & Abandonment Procedure

Plugging and abandonment Procedure

The 7 5/8" production casing became stuck while running in the hole. Regular stuck pipe operations were carried out including displacing the wellbore with both water and nitrogen to reduce the hydrostatic pressure and allow the casing to be freed. While working the stuck casing, casing parted and the top DV tool and annular casing packer were recovered. The casing stuck point was determined to be below 3150'. A wireline casing cutter was deployed and the casing was cut at 3140'. Numerous attempts were made to fish the stuck casing segment without success. The decision was made to plug and abandon the current hole section, allowing for a sidetrack between the top of the stuck casing and the surface casing shoe. The plugging and abandonment procedure is below.

- The operator will ensure that all geologic formations are properly isolated.
1. Confirm the I.D. of the production casing and open hole is free from obstructions.
 2. Run in hole with open ended drill pipe & confirm hard bottom.
 3. RU Halliburton & spot a balanced corrosion/acid resistant cement plug from 7040' to 5680'.
 4. TOH above cement plug & flush DP.
 5. WOC adequate hardening time.
 6. TIH & confirm cement is tied into bottom of stuck 7 5/8" casing.
 - a. If cement plug is tied into stuck 7 5/8" casing, continue to step 7.
 - b. If cement plug is not tied into stuck 7 5/8" casing, TIH to tag & repeat steps 3 – 6 until cement ties back into stuck 7 5/8" casing.
 7. RU wireline truck & RIH w/perforating guns to tag depth.
 8. Perforate 7 5/8" casing w/6 SPF, 60 deg phasing, .375 EHD.
 9. POH w/wireline & RD.
 10. PU 7 5/8" cement retainer and TIH to 3150', confirming retainer inside 7 5/8" casing.
 11. Set cement retainer.
 12. RU Halliburton & squeeze casing & annulus w/120% casing & annulus capacity.
 13. Sting out of cement retainer and TOH to 3135'.
 14. Circulate drill pipe & open hole section clean.
 15. WOC adequate hardening time.
 16. Pump 20 bbls dyed fluid to caliper the open hole interval between the abandoned section of 7 5/8" casing and the surface casing shoe to determine proper cement volume to fill washouts. Adjust cement volumes according to fluid caliper.
 17. RU Halliburton & spot balanced cement plug from top of cement retainer to surface casing shoe. Ensure enough excess to tie into surface casing shoe by 100'.
 18. TOH to above calculated cement top & flush drill pipe & surface casing.
 19. WOC adequate hardening time.

Plugging & Completion Procedure

Page 3

20. TIH & confirm cement is tied into surface casing.
 - a. If cement plug is tied into surface casing, continue to step 21.
 - b. If cement plug is not tied surface casing, TIH to tag & repeat steps 17 – 20 until cement ties back into surface casing.
21. Shut BOP pipe rams & test casing to 1500 psi for 30 mins.
22. TOH & LD stinger tool.
23. PU PDC drill bit & directional drilling tools.
24. TIH to cement tag depth.
25. Drill out cement tied into surface casing plus 100' of open hole cement.
26. Begin sidetrack drilling operations.

Sidetrack Drilling & Completion Procedure

Prior to beginning sidetrack drilling operations, confirm mud properties are sufficient to stabilize the washed-out sections of previous wellbore.

1. Dress off open hole cement plug to sidetrack directional plan kick off point.
2. Drill sidetrack borehole in accordance with attached directional plan.
3. Upon reaching approved TD, pump high viscosity sweeps until new borehole is clean.
4. Spot high viscosity mud across any unstable sections of wellbore prior to TOH.
5. TOH & LD directional tools.
6. RU casing crew & make up reamer shoe.
7. Run casing according to previously approved casing plan.
8. Upon casing reaching open hole, begin washing & reaming casing to bottom. Ensure circulation is maintained throughout casing job and pipe is kept moving when possible.
9. Upon casing reaching TD, cement casing according to previously approved cement plan.
10. WOC adequate hardening time.
11. PU bit, TIH & drill out cement stage tools.
12. TOH & LD drilling assembly.
13. Run wireline CBL & confirm cement to surface.
14. Set wellhead slips & ND drilling BOP.
15. Install tubing spool & production BOP.
16. RIH w/wireline perforating guns & perforate according to previously approved completion plan.
17. RIH w/wireline set packer & set permanent injection packer according to previously approved completion plan.
18. RU casing crew & run tubing according to previously approved completion plan.
19. Test downhole completion equipment.
20. ND production BOP & NU injection tree.
21. Perform NMOCD witnessed MIT.

7" Casing Inside of 9 5/8" 40# Casing

Bowen Series 150 Releasing and Circulation Overshots

Maximum Catch Size 6 5/8" to 7 1/8" Inclusive

Maximum Catch Size (Spiral)		6 5/8"	6 7/8"	7"	7 1/8"
Maximum Catch Size (Basket)		5 7/8"	6 1/8"	6 5/8"	6 7/8"
Overshot O.D.		8 1/4"	7 7/8"	8 1/4"	8 5/8"
Type		F.S.	S.H.	S.H.	S.H.
Complete Assembly	Part No.	C-3032	C-5222	9217	C-5354
(Dressed Spiral Parts)	Weight	280	243	251	260

Replacement Parts

Top Sub	Part No.	A-3033	A-5223	9218	A-5355
Bowl	Part No.	B-3034	B-5224	9219	B-5356
Packer	Part No.	A-1814	B-5225	9224	B-5357
Spiral Grapple	Part No.	N-84	B-5227	9222	B-5359
Spiral Grapple Control	Part No.	M-89	A-5228	9223	B-5360
Standard Guide	Part No.	A-1818	A-5229	9226	A-5361

Basket Parts

Basket Grapple	Part No.	N-84	B-5227	9222	B-5359
Basket Grapple Control	Part No.	M-89	A-5228	9223	B-5360
Mill Control Packer	Part No.	A-1814-R	B-5225-R	9224-R	B-5357-R

A 6.375" O.D. Bowen Series 150 Overshot will be used to perform this overshot operation. Details on the overshot are listed above. Casing to tubing clearance dimensions are listed below.

7" 26# BTC Casing Inside 9.625" 40# BTC Casing													
Clearance (in)	Pipe Size (in)	Weight lb/ft	Grade	Conn.	Type	Body O.D. (in)	Coupling O.D. (in)	I.D. (in)	Drift (in)	Lined Wt. lb/ft	Lined I.D. (in)	Flare I.D. (in)	Lined Drift (in)
0.840	9 5/8	40.0	L-80	BTC	Casing	9.625	10.625	8.835	8.679	-	-	-	-
	7	26.0	HCP-110	BTC	Casing	7.000	7.656	6.276	6.151	28.500	6.080	5.940	5.690

*Red Indicates Tubing

7" Casing Fishing Procedure

Overshot Fishing Procedure

In the Event of a Connection Break

- If fishing neck is clean

1. Trip in hole with overshot and engage fish.
2. Pick up to calculated string weight and verify remainder of fish is intact.
3. Once fish integrity is confirmed, trip out of hole with fish.

- If dressing fishing neck is required

1. Trip in hole with mill and dress fishing neck to allow for overshot to engage casing.
2. Trip out of hole with mill.
3. Trip in hole with overshot and engage fish.
4. Pick up to calculated string weight and verify remainder of fish is intact.
5. Once fish integrity is confirmed, trip out of hole with fish.

A skirted mill may be substituted for a standard mill to ensure pipe stabilization and the casing is not damaged while milling

In the Event of a Body Break

- If fishing neck is clean

1. Trip in hole with overshot and engage fish.
2. Pick up to calculated string weight and verify remainder of fish is intact.
3. Once fish integrity is confirmed, trip out of hole with fish.

- If dressing fishing neck is required

1. Trip in hole with mill and dress fishing neck to allow for overshot to engage tubing.
2. Trip out of hole with mill.
3. Trip in hole with overshot and engage fish.
4. Pick up to calculated string weight and verify remainder of fish is intact.
5. Once fish integrity is confirmed, trip out of hole with fish.

A skirted mill may be substituted for a standard mill to ensure pipe stabilization and the casing is not damaged while milling

Spear Fishing Procedure

If an overshot cannot be used to retrieve the fish, a spear may be used.

1. Trip in hole with spear sized to engage the I.D. of the casing.
2. Engage the casing with spear.
3. Pick up to calculated string weight and verify remainder of fish is intact.
4. Once fish integrity is confirmed, trip out of hole with fish.

Inside Diameter Cutting Tool Fishing Procedure

If an overshot is required but a mill cannot be used to dress off a fishing neck, an inside diameter cutting tool may be used.

1. Trip in hole with inside diameter cutting tool and cut the tubing below the damaged fishing neck.
2. Trip out hole with cutting tool.
3. Trip in hole with spear sized to engage the I.D. of the casing.
4. Engage the previously cut casing segment with spear.
5. Trip out hole with cut casing segment and spear.
6. Trip in hole with overshot and engage fish.
7. Pick up to calculated string weight and verify remainder of fish is intact.
8. Once fish integrity is confirmed, trip out of hole with fish.

ATTACHMENT B

HALLIBURTON CEMENT PLUGGING PLAN

HALLIBURTON

PERMIAN OILFIELD PARTNERS LLC-EBUS
DONOTMAIL-1008 SOUTHVIEW CIRCLE
CENTER, TX, 75935
US

SALT CREEK AGI 1
AGI
LEA County, NM, US
API/UWI 30-025-46746-00
SEC: 21,TWP: 26,RNG: 36
Rig: STRATEGY 201

P&A

Proposal 457296 - Version 2.0
November 15, 2022

Submitted by:
Jose Moroles
125 W Missouri
Suite 300
Midland, TX - 79701
432.202.1024

HALLIBURTON

PERMIAN OILFIELD PARTNERS LLC-EBUS
SALT CREEK AGI 1



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**PERMIAN OILFIELD PARTNERS LLC-EBUS
SALT CREEK AGI 1****HALLIBURTON****1 P&A****1.1 Job Information P&A**

Job Criticality Status: YELLOW

Well Name: SALT CREEK AGI

Well #: 1

9-5/8" Surface Casing 0 - 2,100 ft (MD)

Outer Diameter	9.625 in
Inner Diameter	8.835 in
Linear Weight	40 lbm/ft

8-3/4" Hole 2,100 - 3,140 ft (MD)

Inner Diameter	8.75 in
Excess Factor	0 %

8-3/4" Hole 3,140 - 7,040 ft (MD)

Inner Diameter	8.75 in
Excess Factor	0 %

7-5/8" Casing 3,140 - 3,890 ft (MD)

Outer Diameter	7.625 in
Inner Diameter	6.875 in
Linear Weight	29.7 lbm/ft

7" Casing 3,890 - 4,193 ft (MD)

Outer Diameter	7 in
Inner Diameter	6.184 in
Linear Weight	29 lbm/ft

7-5/8" Casing 4,193 - 5,679 ft (MD)

Outer Diameter	7.625 in
Inner Diameter	6.875 in
Linear Weight	29.7 lbm/ft

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**PERMIAN OILFIELD PARTNERS LLC-EBUS
SALT CREEK AGI 1****HALLIBURTON**

4" Drill Pipe 0 - 7,040 ft (MD)

Outer Diameter	4 in
Inner Diameter	3.34 in
Linear Weight	14 lbm/ft

Retainer - 3,150 ft (MD)

Cement Plug 7,040 ft (MD)

Cement Plug 5,678 ft (MD)

Cement Plug 3,140 ft (MD)

Perforation Interval 5,677 - 5,678 ft (MD)

Interval length 1 ft

P&A up to bottom of casing with CorrosaCem, up to 5680'.

WOC

RIH and tag TOC - if tag is high enough continue with next step; if tag is lower, spot necessary volume of cement

Perf across injection interval

RIH w/ retainer inside 7-5/8", set at 3150'

Squeeze CorrosaCem into injection interval

SO retainer

P&A from 3140' up to surface

Mud Type Water Based Mud

Mud Weight 9.6 lbm/gal

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**PERMIAN OILFIELD PARTNERS LLC-EBUS
SALT CREEK AGI 1**

HALLIBURTON

1.2 Job Volume Estimates P&A

Stage 1

Fluid 1: Water Based Spacer

Gel Spacer

2.5 lbm/bbl WG-36

Fluid Density:

8.4 lbm/gal

Volume Ahead:

8.9 bbl

Fluid 2: Plug

CORROSACEM (TM) SYSTEM

0.2 % HR-800

0.5 % LAP-1

0.3 % CFR-3

0.5 lbm/sk D-AIR 5000

Fluid Weight:

14.5 lbm/gal

Slurry Yield:

1.221 ft³/sack

Total Mixing Fluid:

5.5 Gal/sack

Calculated Volume:

130 bbl

Proposed Volume:

130 bbl

Top Of Fluid:

5,642 ft

Calculated Fill:

1,398 ft

Calculated sack:

597.79 sack

Proposed sack:

600 sack

Cement Plug

7,040(MD)

Stage 2

Fluid 1: Water Based Spacer

Gel Spacer

2.5 lbm/bbl WG-36

Fluid Density:

8.4 lbm/gal

Volume Ahead:

20 bbl

Fluid 2: Latex

CORROSACEM (TM) SYSTEM

0.2 % HR-800

0.5 % LAP-1

0.3 % CFR-3

0.5 lbm/sk D-AIR 5000

Fluid Weight:

14.5 lbm/gal

Slurry Yield:

1.221 ft³/sack

Total Mixing Fluid:

5.5 Gal/sack

Calculated Volume:

161.6 bbl

Proposed Volume:

161.6 bbl

Top Of Fluid:

2,709 ft

Calculated Fill:

2,969 ft

Calculated sack:

743.09 sack

Proposed sack:

745 sack

Fluid 3: Water Based Spacer

Displacement

Fluid Density:

8.4 lbm/gal

Volume Behind:

34.1 bbl

Cement Plug

5,678(MD)

Stage 3

Fluid 1: Water Based Spacer

HALLIBURTON

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**PERMIAN OILFIELD PARTNERS LLC-EBUS
SALT CREEK AGI 1**

HALLIBURTON

Gel Spacer	Fluid Density:	8.4 lbm/gal
2.5 lbm/bbl WG-36	Volume Ahead:	5.9 bbl
Fluid 2: Plug		
HALCEM (TM) SYSTEM	Fluid Weight:	14.8 lbm/gal
0.4 % HR-800	Slurry Yield:	1.336 ft3/sack
	Total Mixing Fluid:	6.42 Gal/sack
	Calculated Volume:	468.6 bbl
	Proposed Volume:	309.3 bbl
	Top Of Fluid:	2,100 ft
	Calculated Fill:	1,040 ft
	Calculated sack:	0 sack
	Proposed sack:	1,300 sack
Cement Plug		3,140(MD)

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**PERMIAN OILFIELD PARTNERS LLC-EBUS
SALT CREEK AGI 1**

HALLIBURTON

1.3 Volume Estimate Table P&A

Calculations are used for volume estimation. Well conditions will dictate final cement job design.

Stage 1

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	SPACER	Gel Spacer	8.4		20 bbl
2	CEMENT	CorrosaCem™ C	14.5	4	600 sack

Stage 2

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	SPACER	Gel Spacer	8.4		20 bbl
2	CEMENT	CorrosaCem™ C	14.5	4	745 sack
3	SPACER	Displacement	8.4		34.1 bbl

Stage 3

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	SPACER	Gel Spacer	8.4		20 bbl
2	CEMENT	HalCem™ C	14.8	4	1,300 sack

NOTE: These slurries and spacers will require lab testing. The additives and concentrations are estimates based on field experience in the area and may need to be modified prior to the job. The proposed spacer is designed to be generally compatible with water base mud systems. Compatibility testing with field mud samples used may indicate changes in the additive package and the related costs.

HALLIBURTON

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**PERMIAN OILFIELD PARTNERS LLC-EBUS
SALT CREEK AGI 1**

HALLIBURTON

1.4 Cost Estimate

Mtrl Nbr	Description	Qty	UOM	Net Amount
7530	CMT PLUG BACK BOM 7530	1.00	JOB	0.00
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT Number of Units	110.00 1	MI	430.76
2	MILEAGE FOR CEMENTING CREW Number of Units	110.00 1	MI	253.44
7	ENVIRONMENTAL CHARGE,/JOB,ZI	1.00	JOB	134.00
372867	Cmt PSL - DOT Vehicle Charge, CMT	5.00	EA	1,205.00
11881	OVERWEIGHT PERMIT FEE-CEMENTING	1.00	EA	60.00
16094	PLUG BACK/SPOT CEMENT OR MUD,ZI FEET/METERS (FT/M) DEPTH	1.00 FT 7040	EA	4,814.40
1100106	CMT CREW RETENTION BONUS STD	1.00	JOB	150.00
74038	ZI PLUG CONTAINER RENTAL-1ST DAY HR/DAY/WEEK/MTH/YEAR/JOB/RUN DAYS OR FRACTION (MIN1)	1.00 DAY 1	EA	528.80
141	RCM II W/ADC,/JOB,ZI ENTER FEET\METER\JOB\DAY NUMBER OF JOBS NUMBER OF UNITS	1.00 JOB 1 1	JOB	796.00
1214102	CMT FUEL SURCHARGE Number of Units	100.00 5	MI	780.00
116	BOOSTER PUMP-SKID,/DAY,ZI NUMBER OF DAYS	1.00 1	EA	544.80
3965	HANDLE&DUMP SVC CHRGE, CMT&ADDITIVES,ZI Unit of Measurement NUMBER OF EACH	2,731.00 EA 1	CF	5,997.28
76400	MILEAGE,CMT MTLs DEL/RET MIN NUMBER OF TONS	55.00 119.865	MI	8,834.05
101627238	CHEM, WG-36, 50 LB BAG <i>WG-36</i>	50.00	LB	960.00
100003653	CHEM, CFR-3, 50 LB SACK <i>CFR-3</i>	152.00	LB	893.15
101619742	CHEM, HR-800, 50 LB SACK <i>HR-800</i>	101.00	LB	447.23
100012766	CHEM, LAP-1 <i>LAP-1</i>	252.00	LB	2,739.74
102068797	CHEM, D-AIR 5000, 50 LB SACK <i>D-AIR 5000</i>	300.00	LB	1,430.40
452967	CMT, CorrosaCem (TM) system	600.00	SK	9,962.53
101627238	CHEM, WG-36, 50 LB BAG <i>WG-36</i>	50.00	LB	960.00
101627238	CHEM, WG-36, 50 LB BAG <i>WG-36</i>	50.00	LB	960.00
452986	CMT, HalCem (TM) system	1,300.00	SK	28,974.40
101619742	CHEM, HR-800, 50 LB SACK <i>HR-800</i>	126.00	LB	557.93
101619742	CHEM, HR-800, 50 LB SACK <i>HR-800</i>	489.00	LB	2,165.29
452967	CMT, CorrosaCem (TM) system	745.00	SK	12,365.43
100012766	CHEM, LAP-1 <i>LAP-1</i>	313.00	LB	3,402.94
100003653	CHEM, CFR-3, 50 LB SACK <i>CFR-3</i>	188.00	LB	1,104.69
102068797	CHEM, D-AIR 5000, 50 LB SACK <i>D-AIR 5000</i>	373.00	LB	1,778.46
	Total Net Amount	USD		93,230.72

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Proposal 457296 v 2.0
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PERMIAN OILFIELD PARTNERS LLC-EBUS
SALT CREEK AGI 1

HALLIBURTON

Primary Plant:	Odessa TX, USA	Price Book Ref:	27 - PERMIAN BASIN
Secondary Plant:	Odessa TX, USA	Price Date:	08/26/22

HALLIBURTON

Proposal 457296 v 2.0
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**PERMIAN OILFIELD PARTNERS LLC-EBUS
SALT CREEK AGI 1**

HALLIBURTON

2 Conditions

The cost in this analysis is good for the materials and/or services outlined within and shall be valid for 30 days from the date of this proposal. In order to meet your needs under this proposal with a high quality of service and responsive timing, Halliburton will be allocating limited resources and committing valuable equipment and materials to your area of operations. Accordingly, the discounts reflected in this proposal are available only for materials and services awarded on a first-call basis. Alternate pricing may apply in the event that Halliburton is awarded work on any basis other than as a first-call provider.

The unit prices stated in the proposal are based on our current published prices. The projected equipment, personnel, and material needs are only estimates based on information about the work presently available to us. At the time the work is actually performed, conditions then existing may require an increase or decrease in the equipment, personnel, and/or material needs. Charges will be based upon unit prices in effect at the time the work is performed and the amount of equipment, personnel, and/or material actually utilized in the work. Taxes, if any, are not included. Applicable taxes, if any, will be added to the actual invoice.

It is understood and agreed between the parties that with the exception of the subject discounts, all services performed and equipment and materials sold are provided subject to Halliburton's General Terms and Conditions contained in our current price list, (which include LIMITATION OF LIABILITY and WARRANTY provisions), and pursuant to the applicable Halliburton Work Order Contract (whether or not executed by you), unless a Master Service and/or Sales Contract applicable to the services, equipment, or materials supplied exists between your company and Halliburton, in which case the negotiated Master Contract shall govern the relationship between the parties. A copy of the latest version of our General Terms and Conditions is available from your Halliburton representative or at: <http://www.halliburton.com/terms> for your convenient review, and we would appreciate receiving any questions you may have about them. Should your company be interested in negotiating a Master Contract with Halliburton, our Law Department would be pleased to work with you to finalize a mutually agreeable contract. In this connection, it is also understood and agreed that Customer will continue to execute Halliburton usual field work orders and/or tickets customarily required by Halliburton in connection with the furnishing of said services, equipment, and materials.

Any terms and conditions contained in purchase orders or other documents issued by the customer shall be of no effect except to confirm the type and quantity of services, equipment, and materials to be supplied to the customer.

If customer does not have an approved open account with Halliburton or a mutually executed written contract with Halliburton, which dictates payment terms different than those set forth in this clause, all sums due are payable in cash at the time of performance of services or delivery of equipment, products, or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice.

Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

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Proposal 457296 v 2.0
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ATTACHMENT C

**STRYKER DIRECTIONAL
STANDARD PLANNING REPORT**

AND

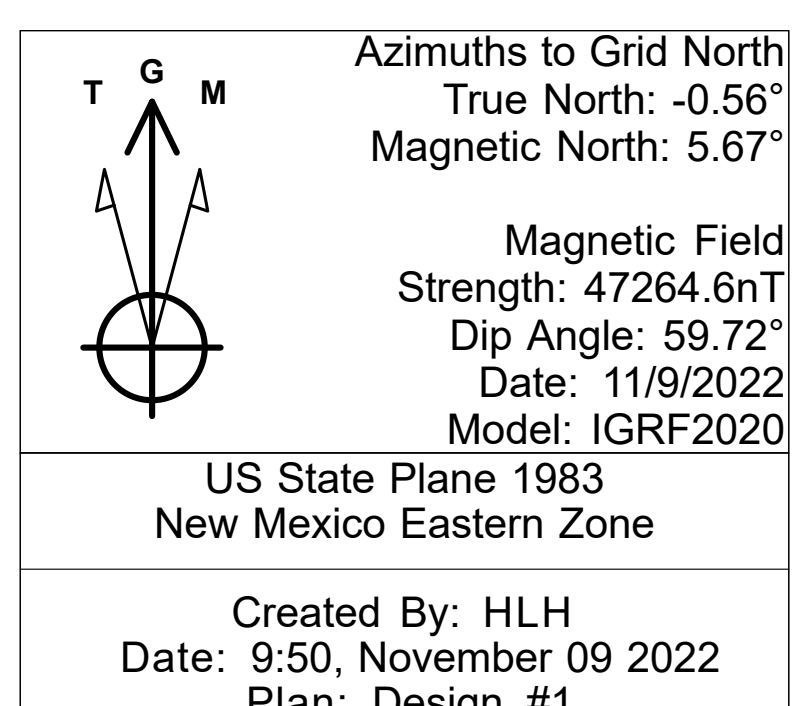
ANTI-COLLISION REPORT



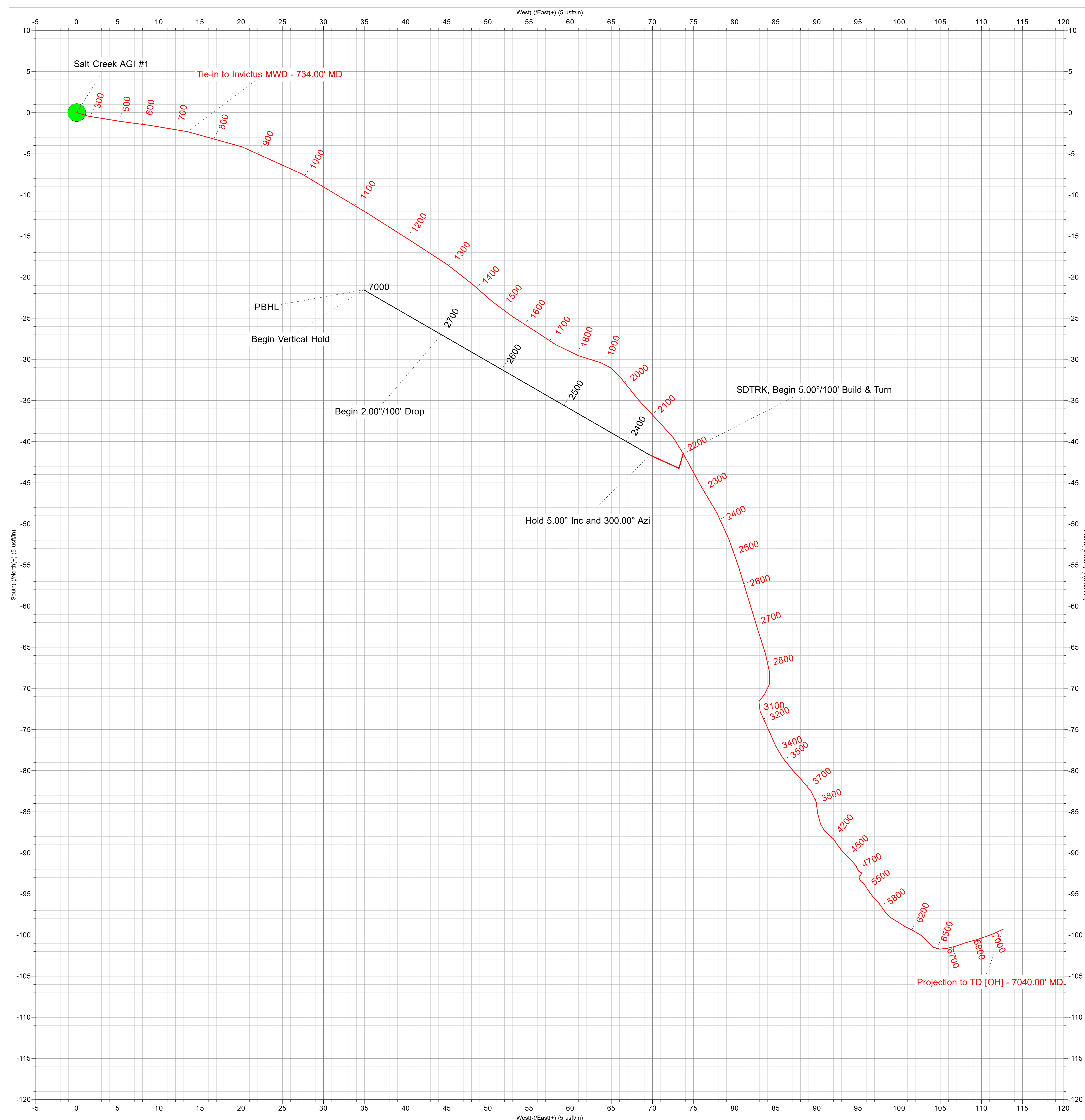
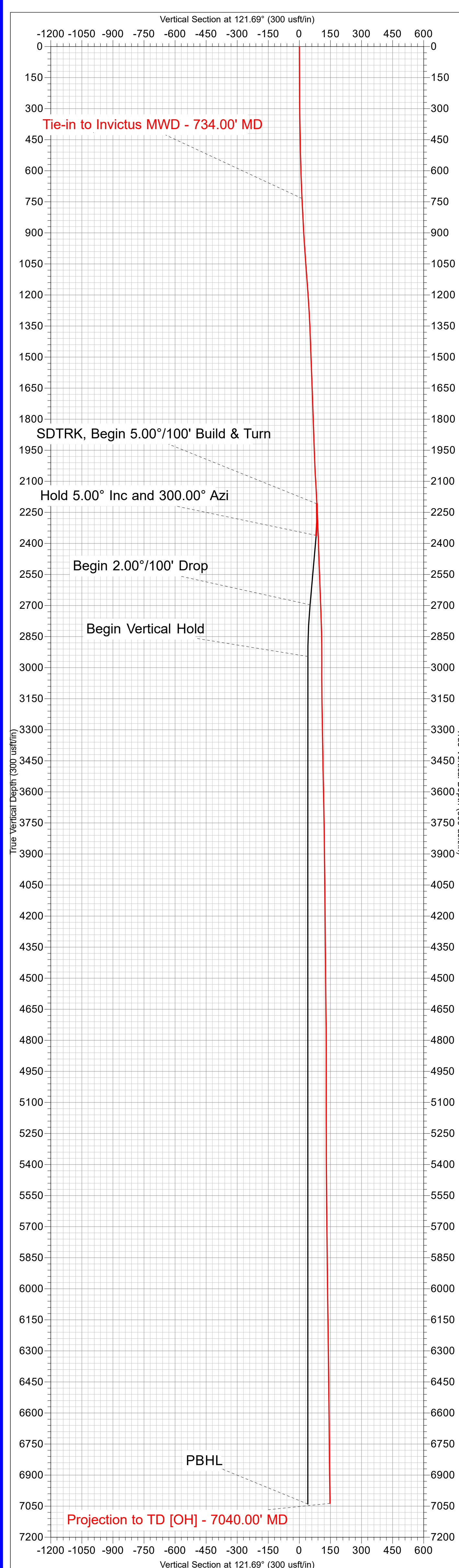
Company: Permian Oilfield Partners
Site: Salt Creek
Well: Salt Creek AGI #1
Project: Lea County, NM (NAD 83)
Rig: Strategy 201



ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	V Sect	Departure	Annotation	
2211.00	2.95	153.55	2208.85	-41.46	73.74	84.53	0.00	SDTRK, Begin 5.00°/100' Build & Turn	
2363.68	5.00	300.00	2361.37	-41.65	69.72	81.21	10.58	Hold 5.00° Inc and 300.00° Azi	
2700.00	5.00	300.00	2696.41	-26.99	44.34	51.91	39.90	Begin 2.00°/100' Drop	
2950.00	0.00	0.00	2946.09	-21.54	34.90	41.01	50.80	Begin Vertical Hold	
7043.91	0.00	0.00	7040.00	-21.54	34.90	41.01	50.80	PBHL	



Magnetic North is 6.23° East of True North (Magnetic Declination)
Magnetic North is 5.67° East of Grid North (Magnetic Convergence)
To convert a Magnetic Direction to a True Direction, Add 6.23° East
To convert a Magnetic Direction to a Grid Direction, Add 5.67°





Permian Oilfield Partners

Lea County, NM (NAD 83)

Salt Creek

Salt Creek AGI #1

Wellbore #2

Plan: Design #1

Standard Planning Report

09 November, 2022





Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well Salt Creek AGI #1
Company:	Permian Oilfield Partners	TVD Reference:	RKB @ 2939.00usft (Strategy 201)
Project:	Lea County, NM (NAD 83)	MD Reference:	RKB @ 2939.00usft (Strategy 201)
Site:	Salt Creek	North Reference:	Grid
Well:	Salt Creek AGI #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #2		
Design:	Design #1		

Project	Lea County, NM (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		Salt Creek			
Site Position:		Northing:	375,532.30 usft	Latitude:	32.028016
From:	Map	Easting:	868,795.70 usft	Longitude:	-103.276681
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.56

Well	Salt Creek AGI #1					
Well Position	+N/-S	0.00 usft	Northing:	375,532.30 usft	Latitude:	32.028016
	+E/-W	0.00 usft	Easting:	868,795.70 usft	Longitude:	-103.276681
Position Uncertainty		0.00 usft	Wellhead Elevation:		Ground Level:	2,927.00 usft

Wellbore	Wellbore #2				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	11/9/2022	6.23	59.72	47,264.57918797

Design	Design #1				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	2,211.00	
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	121.69	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
2,211.00	2.95	153.55	2,208.85	-41.46	73.74	0.00	0.00	0.00	0.00	
2,363.68	5.00	300.00	2,361.37	-41.65	69.72	5.00	1.34	95.92	158.74	
2,700.00	5.00	300.00	2,696.41	-26.99	44.34	0.00	0.00	0.00	0.00	
2,950.00	0.00	0.00	2,946.09	-21.54	34.90	2.00	-2.00	0.00	180.00	
7,043.91	0.00	0.00	7,040.00	-21.54	34.90	0.00	0.00	0.00	0.00	



Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well Salt Creek AGI #1
Company:	Permian Oilfield Partners	TVD Reference:	RKB @ 2939.00usft (Strategy 201)
Project:	Lea County, NM (NAD 83)	MD Reference:	RKB @ 2939.00usft (Strategy 201)
Site:	Salt Creek	North Reference:	Grid
Well:	Salt Creek AGI #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #2		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
278.00	0.60	107.00	277.99	-0.43	1.39	1.41	0.22	0.22	0.00
511.00	1.40	96.00	510.96	-1.08	5.39	5.15	0.35	0.34	-4.72
734.00	2.80	100.00	733.80	-2.31	13.46	12.67	0.63	0.63	1.79
1,125.00	4.40	123.49	1,124.04	-12.25	35.38	36.54	0.55	0.41	6.01
1,210.00	3.96	121.38	1,208.81	-15.57	40.60	42.73	0.55	-0.52	-2.48
1,385.00	2.11	132.28	1,383.56	-20.89	48.15	51.94	1.10	-1.06	6.23
1,470.00	2.20	130.08	1,468.50	-22.99	50.55	55.09	0.14	0.11	-2.59
1,555.00	2.02	122.52	1,553.44	-24.85	53.06	58.21	0.39	-0.21	-8.89
1,640.00	2.07	122.79	1,638.39	-26.48	55.62	61.24	0.06	0.06	0.32
1,725.00	2.15	124.10	1,723.33	-28.21	58.23	64.37	0.11	0.09	1.54
1,810.00	2.07	107.32	1,808.27	-29.56	61.02	67.45	0.73	-0.09	-19.74
1,895.00	1.80	107.49	1,893.23	-30.42	63.75	70.23	0.32	-0.32	0.20
1,981.00	2.20	142.12	1,979.18	-32.13	66.06	73.08	1.45	0.47	40.27
2,059.00	3.12	140.54	2,057.09	-34.95	68.32	76.50	1.18	1.18	-2.03
2,126.00	3.43	133.77	2,123.98	-37.74	70.93	80.18	0.74	0.46	-10.10
2,211.00	2.95	153.55	2,208.85	-41.46	73.74	84.53	1.40	-0.56	23.27
SDTRK, Begin 5.00°/100' Build & Turn									
2,300.00	2.01	280.17	2,297.81	-43.24	73.23	85.02	5.00	-1.06	142.26
2,363.68	5.00	300.00	2,361.37	-41.65	69.72	81.21	5.00	4.70	31.15
Hold 5.00° Inc and 300.00° Azi									
2,400.00	5.00	300.00	2,397.55	-40.07	66.98	78.04	0.00	0.00	0.00
2,500.00	5.00	300.00	2,497.17	-35.71	59.43	69.33	0.00	0.00	0.00
2,600.00	5.00	300.00	2,596.79	-31.35	51.89	60.62	0.00	0.00	0.00
2,700.00	5.00	300.00	2,696.41	-26.99	44.34	51.91	0.00	0.00	0.00
Begin 2.00°/100' Drop									
2,800.00	3.00	300.00	2,796.16	-23.51	38.30	44.94	2.00	-2.00	0.00
2,900.00	1.00	300.00	2,896.09	-21.76	35.27	41.45	2.00	-2.00	0.00
2,950.00	0.00	0.00	2,946.09	-21.54	34.90	41.01	2.00	-2.00	0.00
Begin Vertical Hold									
3,000.00	0.00	0.00	2,996.09	-21.54	34.90	41.01	0.00	0.00	0.00
3,100.00	0.00	0.00	3,096.09	-21.54	34.90	41.01	0.00	0.00	0.00
3,200.00	0.00	0.00	3,196.09	-21.54	34.90	41.01	0.00	0.00	0.00
3,300.00	0.00	0.00	3,296.09	-21.54	34.90	41.01	0.00	0.00	0.00
3,400.00	0.00	0.00	3,396.09	-21.54	34.90	41.01	0.00	0.00	0.00
3,500.00	0.00	0.00	3,496.09	-21.54	34.90	41.01	0.00	0.00	0.00
3,600.00	0.00	0.00	3,596.09	-21.54	34.90	41.01	0.00	0.00	0.00
3,700.00	0.00	0.00	3,696.09	-21.54	34.90	41.01	0.00	0.00	0.00
3,800.00	0.00	0.00	3,796.09	-21.54	34.90	41.01	0.00	0.00	0.00
3,900.00	0.00	0.00	3,896.09	-21.54	34.90	41.01	0.00	0.00	0.00
4,000.00	0.00	0.00	3,996.09	-21.54	34.90	41.01	0.00	0.00	0.00
4,100.00	0.00	0.00	4,096.09	-21.54	34.90	41.01	0.00	0.00	0.00
4,200.00	0.00	0.00	4,196.09	-21.54	34.90	41.01	0.00	0.00	0.00
4,300.00	0.00	0.00	4,296.09	-21.54	34.90	41.01	0.00	0.00	0.00
4,400.00	0.00	0.00	4,396.09	-21.54	34.90	41.01	0.00	0.00	0.00
4,500.00	0.00	0.00	4,496.09	-21.54	34.90	41.01	0.00	0.00	0.00
4,600.00	0.00	0.00	4,596.09	-21.54	34.90	41.01	0.00	0.00	0.00
4,700.00	0.00	0.00	4,696.09	-21.54	34.90	41.01	0.00	0.00	0.00
4,800.00	0.00	0.00	4,796.09	-21.54	34.90	41.01	0.00	0.00	0.00
4,900.00	0.00	0.00	4,896.09	-21.54	34.90	41.01	0.00	0.00	0.00
5,000.00	0.00	0.00	4,996.09	-21.54	34.90	41.01	0.00	0.00	0.00
5,100.00	0.00	0.00	5,096.09	-21.54	34.90	41.01	0.00	0.00	0.00
5,200.00	0.00	0.00	5,196.09	-21.54	34.90	41.01	0.00	0.00	0.00
5,300.00	0.00	0.00	5,296.09	-21.54	34.90	41.01	0.00	0.00	0.00



Stryker Directional Planning Report



Database:	EDM5000	Local Co-ordinate Reference:	Well Salt Creek AGI #1
Company:	Permian Oilfield Partners	TVD Reference:	RKB @ 2939.00usft (Strategy 201)
Project:	Lea County, NM (NAD 83)	MD Reference:	RKB @ 2939.00usft (Strategy 201)
Site:	Salt Creek	North Reference:	Grid
Well:	Salt Creek AGI #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #2		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,400.00	0.00	0.00	5,396.09	-21.54	34.90	41.01	0.00	0.00	0.00
5,500.00	0.00	0.00	5,496.09	-21.54	34.90	41.01	0.00	0.00	0.00
5,600.00	0.00	0.00	5,596.09	-21.54	34.90	41.01	0.00	0.00	0.00
5,700.00	0.00	0.00	5,696.09	-21.54	34.90	41.01	0.00	0.00	0.00
5,800.00	0.00	0.00	5,796.09	-21.54	34.90	41.01	0.00	0.00	0.00
5,900.00	0.00	0.00	5,896.09	-21.54	34.90	41.01	0.00	0.00	0.00
6,000.00	0.00	0.00	5,996.09	-21.54	34.90	41.01	0.00	0.00	0.00
6,100.00	0.00	0.00	6,096.09	-21.54	34.90	41.01	0.00	0.00	0.00
6,200.00	0.00	0.00	6,196.09	-21.54	34.90	41.01	0.00	0.00	0.00
6,300.00	0.00	0.00	6,296.09	-21.54	34.90	41.01	0.00	0.00	0.00
6,400.00	0.00	0.00	6,396.09	-21.54	34.90	41.01	0.00	0.00	0.00
6,500.00	0.00	0.00	6,496.09	-21.54	34.90	41.01	0.00	0.00	0.00
6,600.00	0.00	0.00	6,596.09	-21.54	34.90	41.01	0.00	0.00	0.00
6,700.00	0.00	0.00	6,696.09	-21.54	34.90	41.01	0.00	0.00	0.00
6,800.00	0.00	0.00	6,796.09	-21.54	34.90	41.01	0.00	0.00	0.00
6,900.00	0.00	0.00	6,896.09	-21.54	34.90	41.01	0.00	0.00	0.00
7,000.00	0.00	0.00	6,996.09	-21.54	34.90	41.01	0.00	0.00	0.00
7,043.91	0.00	0.00	7,040.00	-21.54	34.90	41.01	0.00	0.00	0.00
PBHL									

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2,211.00	2,208.85	-41.46	73.74	SDTRK, Begin 5.00°/100' Build & Turn
2,363.68	2,361.37	-41.65	69.72	Hold 5.00° Inc and 300.00° Azi
2,700.00	2,696.41	-26.99	44.34	Begin 2.00°/100' Drop
2,950.00	2,946.09	-21.54	34.90	Begin Vertical Hold
7,043.91	7,040.00	-21.54	34.90	PBHL



Permian Oilfield Partners

Lea County, NM (NAD 83)

Salt Creek

Salt Creek AGI #1

Wellbore #2

Design #1

Anticollision Report

09 November, 2022





Stryker Directional Anticollision Report



Company:	Permian Oilfield Partners	Local Co-ordinate Reference:	Well Salt Creek AGI #1
Project:	Lea County, NM (NAD 83)	TVD Reference:	RKB @ 2939.00usft (Strategy 201)
Reference Site:	Salt Creek	MD Reference:	RKB @ 2939.00usft (Strategy 201)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Salt Creek AGI #1	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #2	Database:	EDM5000
Reference Design:	Design #1	Offset TVD Reference:	Reference Datum

Reference	Design #1
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria
Interpolation Method:	MD Interval 100.00usft
Depth Range:	Unlimited
Results Limited by:	Maximum ellipse separation of 1,000.00 usft
Warning Levels Evaluated at:	2.00 Sigma
Error Model:	ISCWSA
Scan Method:	Closest Approach 3D
Error Surface:	Pedal Curve
Casing Method:	Not applied

Survey Tool Program		Date	11/9/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
278.00	734.00	Invictus MWD (Wellbore #1)	MWD	MWD - Standard	
1,125.00	2,211.00	Trueshot MWD (Wellbore #1)	MWD	MWD - Standard	
2,211.00	7,043.91	Design #1 (Wellbore #2)	MWD	MWD - Standard	

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Salt Creek						
Salt Creek AGI #1 - Wellbore #1 - Surveys	2,600.00	2,597.91	38.93	37.90	37.556	CC, ES
Salt Creek AGI #1 - Wellbore #1 - Surveys	7,044.25	7,040.00	110.01	92.60	6.318	SF

Offset Design Salt Creek - Salt Creek AGI #1 - Wellbore #1 - Surveys												Offset Site Error:		0.00 usft
Survey Program: 278-MWD, 1125-MWD												Offset Well Error:		0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
2,211.00	2,208.85	2,211.00	2,208.85	0.00	0.00	147.64	-41.46	73.74	0.04	0.04	0.00	N/A		
2,300.00	2,297.81	2,299.91	2,297.64	0.09	0.17	129.43	-45.47	75.94	3.52	3.20	0.32	10.903		
2,400.00	2,397.55	2,399.37	2,397.00	0.11	0.37	129.51	-49.32	78.20	14.55	13.96	0.59	24.687		
2,500.00	2,497.17	2,498.65	2,496.20	0.17	0.56	130.60	-53.10	79.72	26.73	25.93	0.80	33.440		
2,600.00	2,596.79	2,597.91	2,595.37	0.25	0.75	131.36	-57.06	81.09	38.93	37.90	1.04	37.556 CC, ES		
2,700.00	2,696.41	2,696.60	2,693.95	0.33	0.96	132.25	-61.52	82.35	51.41	50.11	1.31	39.356		
2,800.00	2,796.16	2,796.75	2,793.96	0.40	1.16	133.31	-66.53	83.93	62.76	61.23	1.53	41.107		
2,900.00	2,896.09	2,898.17	2,895.33	0.45	1.36	134.32	-69.57	84.24	68.44	66.71	1.73	39.562		
3,000.00	2,996.09	2,998.93	2,996.08	0.51	1.55	135.50	-70.91	83.40	69.21	67.25	1.96	35.296		
3,100.00	3,096.09	3,098.22	3,095.36	0.58	1.74	136.48	-72.08	82.88	69.69	67.46	2.23	31.243		
3,200.00	3,196.09	3,197.71	3,194.84	0.67	1.94	136.98	-73.62	83.49	71.23	68.72	2.52	28.317		
3,300.00	3,296.09	3,297.69	3,294.80	0.78	2.13	137.48	-75.35	84.24	73.01	70.20	2.81	25.977		
3,400.00	3,396.09	3,397.76	3,394.86	0.89	2.33	137.91	-76.99	84.99	74.73	71.61	3.12	23.978		
3,500.00	3,496.09	3,497.40	3,494.48	1.02	2.53	138.17	-78.61	85.98	76.60	73.16	3.44	22.282		
3,600.00	3,596.09	3,597.31	3,594.36	1.15	2.73	138.25	-80.35	87.39	78.85	75.08	3.77	20.915		
3,700.00	3,696.09	3,697.48	3,694.51	1.30	2.93	138.21	-81.76	88.72	80.78	76.67	4.11	19.659		
3,800.00	3,796.09	3,797.83	3,794.84	1.45	3.14	138.42	-83.43	89.79	82.73	78.28	4.45	18.574		
3,900.00	3,896.09	3,897.91	3,894.91	1.60	3.34	138.95	-84.90	90.06	84.01	79.21	4.81	17.482		
4,000.00	3,996.09	3,997.87	3,994.86	1.77	3.54	139.46	-86.48	90.44	85.46	80.30	5.16	16.549		
4,100.00	4,096.09	4,098.42	4,095.40	1.93	3.74	139.59	-87.41	90.97	86.51	80.98	5.53	15.654		
4,200.00	4,196.09	4,198.34	4,195.31	2.10	3.94	139.46	-87.98	91.72	87.42	81.53	5.90	14.826		
4,300.00	4,296.09	4,298.30	4,295.28	2.28	4.14	139.50	-88.61	92.19	88.21	81.94	6.27	14.066		
4,400.00	4,396.09	4,398.24	4,395.21	2.46	4.34	139.53	-89.45	92.83	89.27	82.62	6.65	13.424		

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



Stryker Directional Anticollision Report



Company:	Permian Oilfield Partners	Local Co-ordinate Reference:	Well Salt Creek AGI #1
Project:	Lea County, NM (NAD 83)	TVD Reference:	RKB @ 2939.00usft (Strategy 201)
Reference Site:	Salt Creek	MD Reference:	RKB @ 2939.00usft (Strategy 201)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Salt Creek AGI #1	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #2	Database:	EDM5000
Reference Design:	Design #1	Offset TVD Reference:	Reference Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 278-MWD, 1125-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Azimuth from North (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,500.00	4,496.09	4,498.28	4,495.24	2.64	4.54	139.56	-90.20	93.40	90.20	83.17	7.03	12.827		
4,600.00	4,596.09	4,598.25	4,595.21	2.82	4.74	139.47	-90.83	94.13	91.16	83.74	7.42	12.289		
4,700.00	4,696.09	4,698.20	4,695.15	3.01	4.95	139.51	-91.64	94.75	92.17	84.37	7.81	11.807		
4,800.00	4,796.09	4,798.64	4,795.59	3.20	5.15	139.60	-92.41	95.21	93.06	84.86	8.20	11.352		
4,900.00	4,896.09	4,899.05	4,896.00	3.39	5.35	139.45	-92.36	95.50	93.21	84.62	8.59	10.850		
5,000.00	4,996.09	4,999.10	4,996.05	3.59	5.55	139.60	-92.61	95.39	93.32	84.34	8.99	10.385		
5,100.00	5,096.09	5,099.08	5,096.03	3.78	5.75	139.83	-92.88	95.12	93.36	83.98	9.38	9.950		
5,200.00	5,196.09	5,198.73	5,195.68	3.98	5.95	139.90	-93.16	95.20	93.62	83.84	9.78	9.569		
5,300.00	5,296.09	5,298.87	5,295.81	4.18	6.16	139.99	-93.57	95.36	94.04	83.86	10.19	9.233		
5,400.00	5,396.09	5,398.96	5,395.91	4.38	6.36	139.88	-93.53	95.56	94.13	83.55	10.59	8.890		
5,500.00	5,496.09	5,498.25	5,495.20	4.58	6.56	139.93	-94.00	95.85	94.69	83.69	10.99	8.612		
5,600.00	5,596.09	5,598.44	5,595.38	4.79	6.77	139.98	-94.80	96.42	95.66	84.26	11.40	8.390		
5,700.00	5,696.09	5,698.31	5,695.24	4.99	6.97	140.00	-95.40	96.87	96.42	84.61	11.81	8.164		
5,800.00	5,796.09	5,797.61	5,794.54	5.20	7.18	139.97	-96.40	97.77	97.77	85.55	12.22	8.000		
5,900.00	5,896.09	5,898.04	5,894.95	5.40	7.39	140.05	-97.50	98.51	99.09	86.45	12.63	7.844		
6,000.00	5,996.09	5,997.91	5,994.82	5.61	7.59	139.88	-98.17	99.48	100.22	87.18	13.05	7.682		
6,100.00	6,096.09	6,098.22	6,095.12	5.82	7.80	139.66	-98.87	100.57	101.46	88.00	13.46	7.537		
6,200.00	6,196.09	6,198.04	6,194.93	6.03	8.01	139.44	-99.34	101.47	102.40	88.53	13.88	7.380		
6,300.00	6,296.09	6,297.73	6,294.62	6.23	8.21	139.19	-100.03	102.66	103.70	89.41	14.29	7.255		
6,400.00	6,396.09	6,397.95	6,394.83	6.45	8.42	139.12	-100.93	103.61	105.00	90.29	14.71	7.138		
6,500.00	6,496.09	6,498.30	6,495.17	6.66	8.63	139.03	-101.66	104.47	106.11	90.99	15.13	7.015		
6,600.00	6,596.09	6,598.58	6,595.45	6.87	8.83	138.64	-101.63	105.39	106.70	91.15	15.54	6.864		
6,700.00	6,696.09	6,698.63	6,695.50	7.08	9.04	138.13	-101.48	106.54	107.34	91.38	15.97	6.723		
6,800.00	6,796.09	6,798.52	6,795.37	7.29	9.24	137.38	-100.95	107.97	107.91	91.53	16.39	6.585		
6,900.00	6,896.09	6,898.10	6,894.93	7.50	9.45	136.48	-100.44	109.81	108.81	92.00	16.81	6.473		
7,000.00	6,996.09	6,998.49	6,995.30	7.72	9.65	135.42	-99.64	111.87	109.65	92.42	17.23	6.362		
7,044.25	7,040.34	7,040.00	7,036.80	7.81	9.74	134.98	-99.27	112.67	110.01	92.60	17.41	6.318 SF		

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



Stryker Directional Anticollision Report



Company:	Permian Oilfield Partners	Local Co-ordinate Reference:	Well Salt Creek AGI #1
Project:	Lea County, NM (NAD 83)	TVD Reference:	RKB @ 2939.00usft (Strategy 201)
Reference Site:	Salt Creek	MD Reference:	RKB @ 2939.00usft (Strategy 201)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Salt Creek AGI #1	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #2	Database:	EDM5000
Reference Design:	Design #1	Offset TVD Reference:	Reference Datum

Reference Depths are relative to RKB @ 2939.00usft (Strategy 201)

Coordinates are relative to: Salt Creek AGI #1

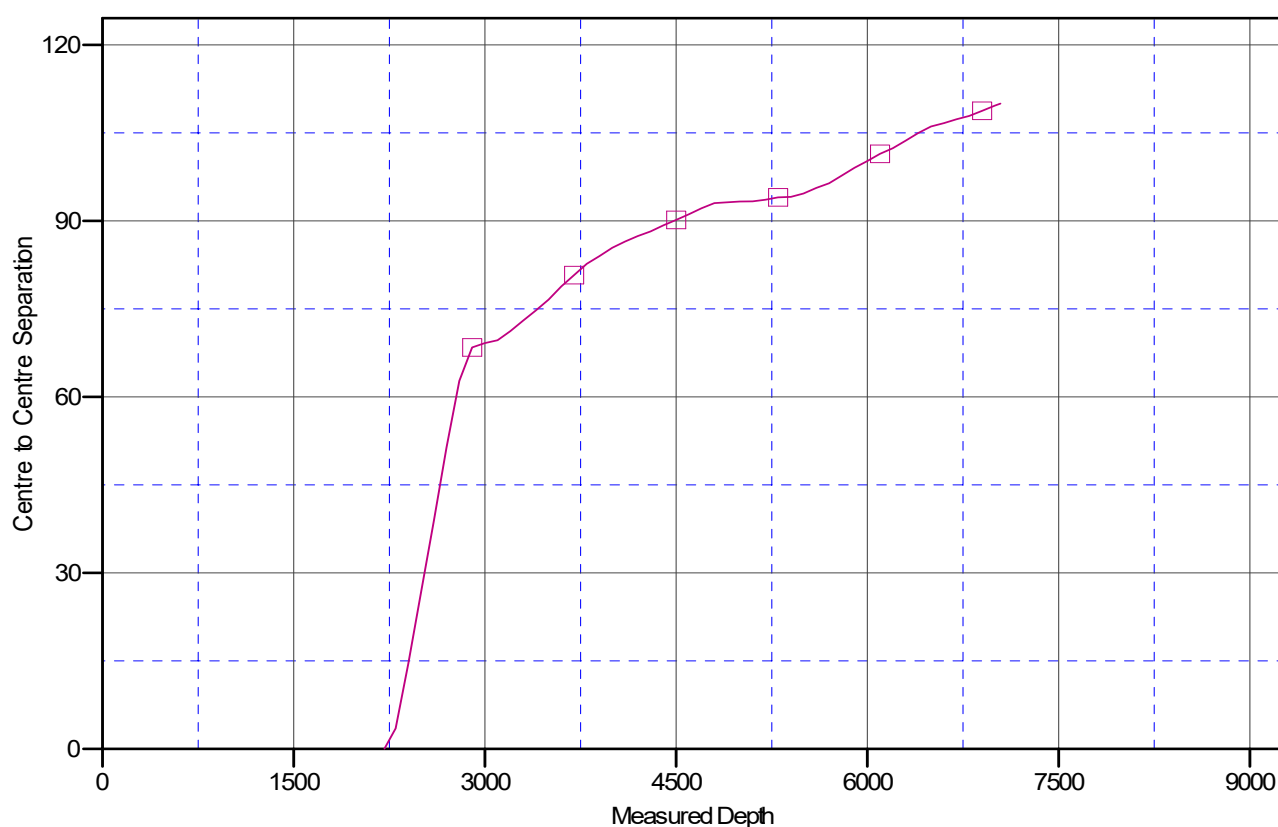
Offset Depths are relative to Offset Datum

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

Central Meridian is -104.333334

Grid Convergence at Surface is: 0.56°

Ladder Plot



LEGEND

— Salt Creek AGI #1, Wellbore #1, Surveys V0



Stryker Directional Anticollision Report

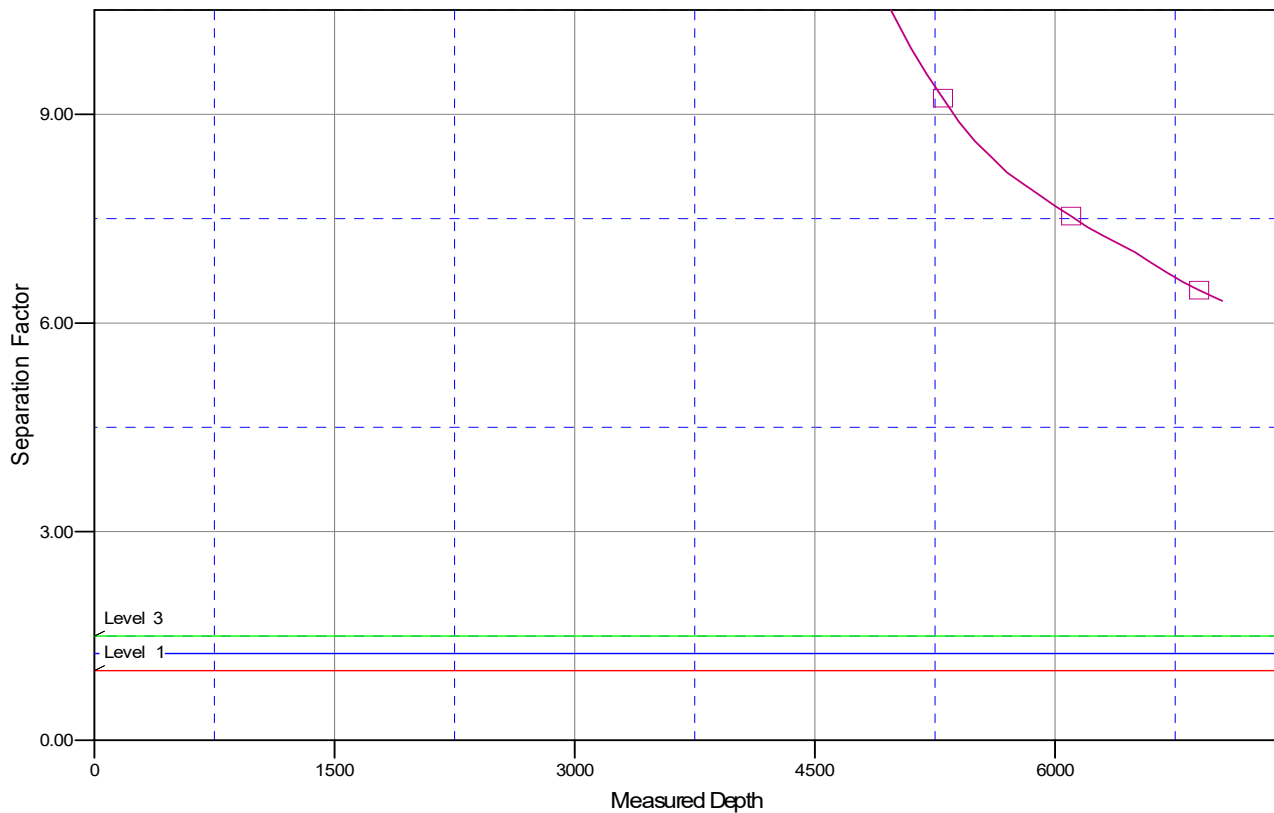


Company:	Permian Oilfield Partners	Local Co-ordinate Reference:	Well Salt Creek AGI #1
Project:	Lea County, NM (NAD 83)	TVD Reference:	RKB @ 2939.00usft (Strategy 201)
Reference Site:	Salt Creek	MD Reference:	RKB @ 2939.00usft (Strategy 201)
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	Salt Creek AGI #1	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #2	Database:	EDM5000
Reference Design:	Design #1	Offset TVD Reference:	Reference Datum

Reference Depths are relative to RKB @ 2939.00usft (Strategy 201)
Offset Depths are relative to Offset Datum
Central Meridian is -104.333334

Coordinates are relative to: Salt Creek AGI #1
Coordinate System is US State Plane 1983, New Mexico Eastern Zone
Grid Convergence at Surface is: 0.56°

Separation Factor Plot



LEGEND

—■— Salt Creek AGI #1, Wellbore #1, Surveys V0

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

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District III

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District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 159110

CONDITIONS

Operator: Salt Creek Midstream, LLC 5825 N Sam Houston Pkwy W Houston, TX 77086	OGRID: 373554
	Action Number: 159110
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pgoetze	NOI provides approval of the modified well design of the AGI only. For this NOI, operator shall submit a Subsequent Report detailing the results of the plugging operation for review by OCD. Operator shall submit a separate C-103 Change of Plan NOI to allow final review of the well design and address any issues resulting from the plugging operation.	11/16/2022