

Santa Fe Main Office
Phone: (505) 476-3441 Fax: (55) 476-3462
General Information
Phone: (505) 629-6116

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
Revised July 18, 2013

Oil Conservation Division

☐ AMENDED REPORT

Online Phone Directory Visit:

<https://www.emnrd.nm.gov/ocd/contact-us/>

1220 South St. Francis Dr.

Santa Fe, NM 87505

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ . Operator Name and Address		² . OGRID Number
		³ . API Number 30-041-20993
⁴ . Property Code	⁵ . Property Name	Well No.

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
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8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
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9. Pool Information

Pool Name	Pool Code
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Additional Well Information

¹¹ . Work Type	¹² . Well Type	¹³ . Cable/Rotary	¹⁴ . Lease Type	¹⁵ . Ground Level Elevation
¹⁶ . Multiple	¹⁷ . Proposed Depth	¹⁸ . Formation	¹⁹ . Contractor	²⁰ . Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☐ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC

Casing/Cement Program: Additional Comments

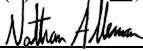
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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer

²³. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.

Signature: 

Printed name:

Title:

E-mail Address:

Date:

Phone:

OIL CONSERVATION DIVISION

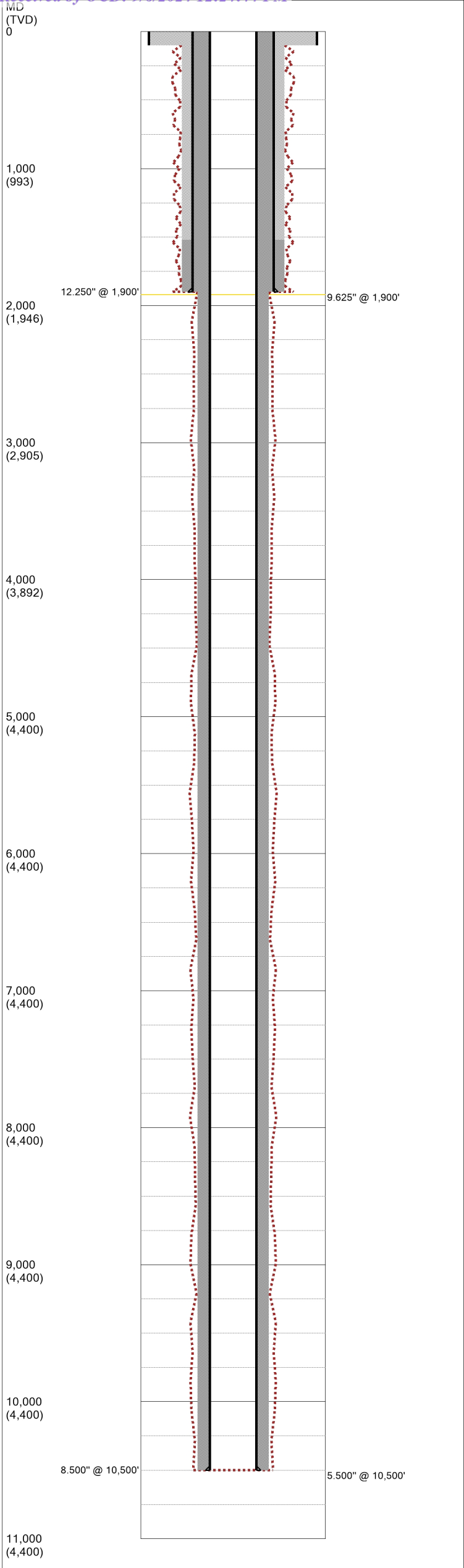
Approved By:

Title:

Approved Date:

Expiration Date:

Conditions of Approval Attached



Last Updated: 8/28/2024 02:56 PM

Field Name		Lease Name		Well No.			
SAN ANDRES		JENNIFER CHAVEROO		252H-255H			
County		State		API No.			
ROOSEVELT		NEW MEXICO		30-005-29000-0000			
Version	Version Tag						
1	PERMITTING						
GL (ft)	KB (ft)	Section	Township/Block		Range/Survey		
4,318.0		30 UL-B	7-S		34-E		
Operator			Well Type		Well Status		
RIDGEWAY ARIZONA			HORIZONTAL		PLANNING		
Latitude			Longitude				
33.6713407			103.5163599				
Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)	Dir. E/W	Footage From			
150	FNL	2040	FEL	Section			
Prop Num		Spud Date	Comp. Date	Plug Date			
Additional Information							
HIGH LEVEL DRILLING PLAN:							
1) SET 20" CONDUCTOR AT +/- 100', CMT TO SURFACE							
2) DRILL 12-1/4" HOLE TO RUSTLER TOP @ +/- 1900'							
3) SET 9-5/8" 36# J-55 CASING @ +/- 1900', CMT TO SURFACE							
4) WELD ON 11" 3M WELLHEAD & TEST.							
5) NIPPLE UP THE FOLLOWING BOP EQUIPMENT:							
* DOUBLE RAM BOP - BLINDS AND PIPE RAMS, TEST TO 3000 PSI TOURLY							
* HYDRIL BOP - TEST TO 1500 PSI TOURLY							
* ROTATING HEAD DIVERTER							
6) DRILL 8-1/2" HOLE FROM +/- 1900' TO KOP @ +/- 3,680'							
7) DRILL 8-1/2" CURVE FROM +/- 3,680' TO +/- 5,007' (TANGENT FOR PUMP @ 4,500' - 4,632')							
8) DRILL 8-1/2" LATERAL FROM +/- 5,007' TO +/- 10,500'							
9) SET 5-1/2" 20# HCP-110 BTC ON BTM @ +/- 10,500', CMT TO SURFACE							
10) NIPPLE UP 11" 3M X 7-1/16 5M TUBING HEAD W/ BLIND FLANGE							
11) RIG DOWN, PREP FOR MOVE							
Other 1		Other 2		Other 3		Other 4	
Prepared By		Updated By			Last Updated		
Earle		Earle			8/28/2024 2:56 PM		
Hole Summary							
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo			
	12.250	100	1,900				
	8.500	1,900	10,500				
Tubular Summary							
Date	Description	OD (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	RL
	Conductor Casing	20.000			0	100	C
	Surface Casing	9.625	36.00	J-55	0	1,900	C
	Production Casing	5.500	20.00	HCP-110	0	10,500	C
Casing Cement Summary							
C	Date	No. Sx	Csg. OD (in)	Top (MD ft)	Bottom (MD ft)	Memo	RL
		1,200	5.500	3,189	10,500	PRODUCTION TAIL	C
		400	5.500	0	3,189	PRODUCTION LEAD	C
		200	9.625	1,520	1,900	SURFACE TAIL	C
			9.625	100	1,520		C
		600	9.625	0	100	SURFACE LEAD	C
Formation Tops Summary							
Formation		Top (TVD ft)	Comments				
RUSTLER		1,870					

Last Updated: 8/28/2024 02:56 PM

Field Name		Lease Name		Well No.		County		State		API No.					
SAN ANDRES		JENNIFER CHAVEROO		252H-255H		ROOSEVELT		NEW MEXICO		30-005-29000-0000					
Version		Version Tag					Spud Date		Comp. Date		GL (ft)		KB (ft)		
1		PERMITTING									4,318.0				
Section		Township/Block		Range/Survey		Dist. N/S (ft)		Dir. N/S		Dist. E/W (ft)		Dir. E/W		Footage From	
30 UL-B		7-S		34-E		150		FNL		2,040		FEL		Section	
Operator				Well Status				Latitude			Longitude			Prop Num	
RIDGEWAY ARIZONA				PLANNING				33.6713407			103.5163599				
Other 1			Other 2			Other 3			Other 4						
Last Updated			Prepared By						Updated By						
08/28/2024 2:56 PM			Earle						Earle						
Additional Information															
HIGH LEVEL DRILLING PLAN: 1) SET 20" CONDUCTOR AT +/- 100', CMT TO SURFACE 2) DRILL 12-1/4" HOLE TO RUSTLER TOP @ +/- 1900' 3) SET 9-5/8" 36# J-55 CASING @ +/- 1900', CMT TO SURFACE 4) WELD ON 11" 3M WELLHEAD & TEST. 5) NIPPLE UP THE FOLLOWING BOP EQUIPMENT: * DOUBLE RAM BOP - BLINDS AND PIPE RAMS, TEST TO 3000 PSI TOURLY * HYDRIL BOP - TEST TO 1500 PSI TOURLY * ROTATING HEAD DIVERTER 6) DRILL 8-1/2" HOLE FROM +/- 1900' TO KOP @ +/- 3,680' 7) DRILL 8-1/2" CURVE FROM +/- 3,680' TO +/- 5,007' (TANGENT FOR PUMP @ 4,500' - 4,632') 8) DRILL 8-1/2" LATERAL FROM +/- 5,007' TO +/- 10,500' 9) SET 5-1/2" 20# HCP-110 BTC ON BTM @ +/- 10,500', CMT TO SURFACE 10) NIPPLE UP 11" 3M X 7-1/16 5M TUBING HEAD W/ BLIND FLANGE 11) RIG DOWN, PREP FOR MOVE															
Hole Summary															
Date		Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo										
		12.250	100	1,900											
		8.500	1,900	10,500											
Tubular Summary															
Date		Description		No. Jts	OD (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Memo		RL		
		Conductor Casing			20.000				0	100			C		
		Surface Casing			9.625	36.00	J-55	LTC OR BTC	0	1,900			C		
		Production Casing			5.500	20.00	HCP-110	BTC	0	10,500			C		
Casing Cement Summary															
C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Shoe Jt Len. (ft)	Csg. OD (in)	Top (MD ft)	Bottom (MD ft)	Description		Memo		RL		
		1,200	1.40	1,680	40	5.500	3,189	10,500	36:65 POZ C @ 13.2 PPG		PRODUCTION TAIL		C		
		400	2.08	832	0	5.500	0	3,189	50:50 POZ C @ 11.9 PPG		PRODUCTION LEAD		C		
		200	1.33	266	40	9.625	1,520	1,900	CLASS C @ 14.8 PPG		SURFACE TAIL		C		
			1.41	140	0	9.625	100	1,520					C		
		600	1.41	846	0	9.625	0	100	50:50 POZ C @ 12.8 PPG		SURFACE LEAD		C		
Formation Top Summary															
Formation Name		Top(TVD ft)			Memo										
RUSTLER		1,870													

Last Updated: 8/28/2024 02:56 PM

Field Name			Lease Name		Well No.	County	State	API No.		Version	Version Tag		Spud Date	Comp. Date	Plug Date	
SAN ANDRES			JENNIFER CHAVEROO		252H-255H	ROOSEVELT	NEW MEXICO	30-005-29000-0000		1	PERMITTING					
Section	Township/Block		Range/Survey		Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)	Dir. E/W	Footage From		Latitude		Longitude		Operator	
30 UL-B	7-S		34-E		150	FNL	2040	FEL	Section		33.6713407		103.5163599		RIDGEWAY ARIZONA	
GL (ft)	KB (ft)	Well Type		Well Status			Prop Num			Prepared By				Updated By		
4,318.0		HORIZONTAL		PLANNING						Earle				Earle		

Additional Information

HIGH LEVEL DRILLING PLAN:

1) SET 20" CONDUCTOR AT +/- 100', CMT TO SURFACE

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5) NIPPLE UP THE FOLLOWING BOP EQUIPMENT:

* DOUBLE RAM BOP - BLINDS AND PIPE RAMS, TEST TO 3000 PSI TOURLY

* HYDRIL BOP - TEST TO 1500 PSI TOURLY

* ROTATING HEAD DIVERTER

6) DRILL 8-1/2" HOLE FROM +/- 1900' TO KOP @ +/- 3,680'

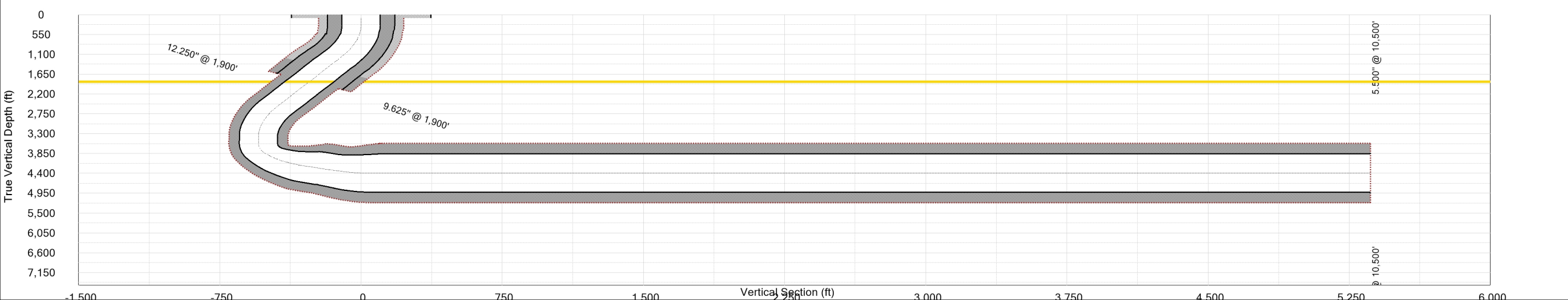
7) DRILL 8-1/2" CURVE FROM +/- 3,680' TO +/- 5,007' (TANGENT FOR PUMP @ 4,500' - 4,632')

8) DRILL 8-1/2" LATERAL FROM +/- 5,007' TO +/- 10,500'

9) SET 5-1/2" 20# HCP-110 BTC ON BTM @ +/- 10,500', CMT TO SURFACE

10) NIPPLE UP 11" 3M X 7-1/16 5M TUBING HEAD W/ BLIND FLANGE

11) RIG DOWN, PREP FOR MOVE



Ridgeway Arizona Oil Corp

DrilTech, LLC

Ridgeway Arizona Oil Corp
Jennifer Chaverro SAU 253H
Wellbore #1
Pre Plan #3



SURFACE LOCATION

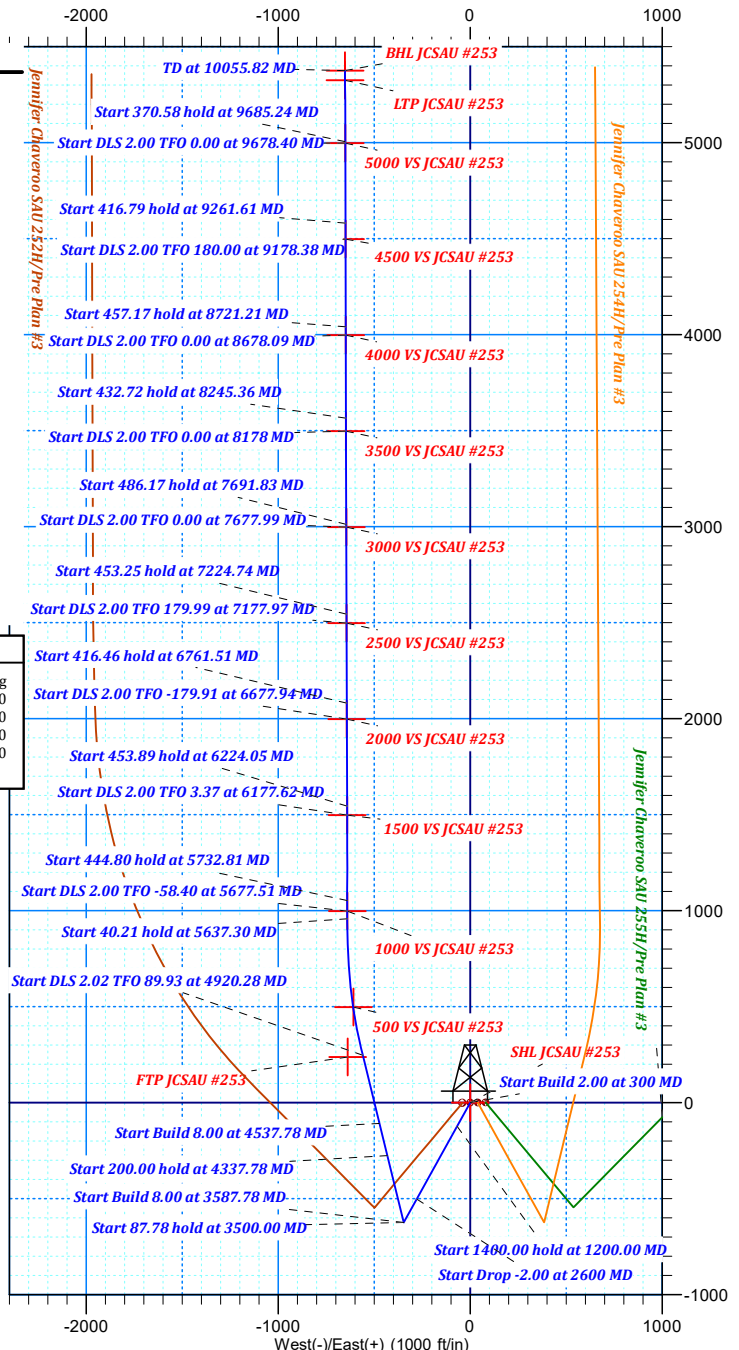
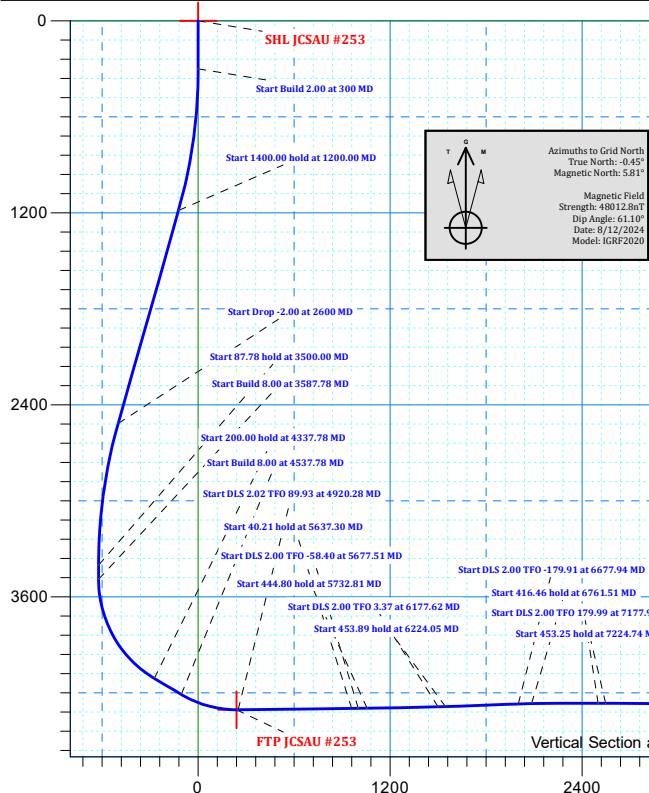
US State Plane 1983
New Mexico Eastern Zone
Elevation: GL 4318.1' + RKB 17' @ 4335.10ft
Northing 972784.10 Easting 789931.70 Latitude 33° 40' 16.831 N Longitude 103° 30' 58.422 W

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00
1200.00	18.00	209.00	1185.27	-122.63	-67.98	2.00	209.00	-122.44
2600.00	18.00	209.00	2516.75	-501.01	-277.72	0.00	0.00	-500.24
3500.00	0.00	0.00	3402.02	-623.65	-345.69	2.00	180.00	-622.68
3587.78	0.00	0.00	3489.80	-623.65	-345.69	0.00	0.00	-622.68
4337.78	60.00	346.25	4110.05	-275.81	-430.81	8.00	346.25	-274.61
4537.78	60.00	346.25	4210.05	-107.57	-471.98	0.00	0.00	-106.25
4920.28	90.60	346.25	4305.96	247.55	-558.87	8.00	0.00	249.11
5637.30	90.60	0.73	4298.42	958.01	-639.93	2.02	89.93	959.80
5677.51	90.60	0.73	4298.00	998.22	-639.41	0.00	0.00	1000.00
5732.81	91.18	359.79	4297.14	1053.51	-639.16	2.00	-58.40	1055.29
6177.62	91.18	359.79	4288.00	1498.22	-640.78	0.00	0.00	1500.00
6224.05	92.10	359.85	4286.67	1544.63	-640.93	2.00	3.37	1546.42
6677.94	92.10	359.85	4270.00	1998.21	-642.15	0.00	0.00	2000.00
6761.51	90.43	359.84	4268.15	2081.76	-642.38	2.00	-179.91	2083.55
7177.97	90.43	359.84	4265.00	2498.21	-643.52	0.00	0.00	2500.00
7224.74	89.50	359.84	4265.03	2544.98	-643.65	2.00	179.99	2546.76
7677.99	89.50	359.84	4269.00	2998.21	-644.89	0.00	0.00	3000.00
7691.83	89.77	359.84	4269.09	3012.05	-644.93	2.00	0.00	3013.84
8178.00	89.77	359.84	4271.00	3498.21	-646.26	0.00	0.00	3500.00
8245.36	91.12	359.84	4270.47	3565.57	-646.44	2.00	0.00	3567.36
8678.09	91.12	359.84	4262.00	3998.21	-647.63	0.00	0.00	4000.00
8721.21	91.98	359.84	4260.83	4041.32	-647.75	2.00	0.00	4043.11
9178.38	91.98	359.84	4245.00	4498.21	-649.00	0.00	0.00	4500.00
9261.61	90.32	359.84	4243.33	4581.42	-649.23	2.00	180.00	4583.22
9678.40	90.32	359.84	4241.00	4998.20	-650.37	0.00	0.00	5000.00
9685.24	90.46	359.84	4240.95	5005.04	-650.39	2.00	0.00	5006.84
10055.82	90.46	359.84	4238.00	5375.61	-651.40	0.00	0.00	5377.41

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting
SHL JCSAU #253	0.00	0.00	0.00	972784.10	789931.70
BHL JCSAU #253	4238.00	5375.61	-651.40	978159.70	789280.30
LTP JCSAU #253	4238.40	5325.61	-651.30	978109.70	789280.40
FTP JCSAU #253	4306.00	238.10	-637.50	973022.20	789294.20



Ridgeway Arizona Oil Corp

Roosevelt County , NM (NAD83)

Jennifer Chaveroo SAU 253H

Jennifer Chaveroo SAU 253H

Wellbore #1

Plan: Pre Plan #3

Standard Planning Report

07 August, 2024

Planning Report

Database:	edmdb	Local Co-ordinate Reference:	Well Jennifer Chaveroo SAU 253H
Company:	Ridgeway Arizona Oil Corp	TVD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Project:	Roosevelt County , NM (NAD83)	MD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Site:	Jennifer Chaveroo SAU 253H	North Reference:	Grid
Well:	Jennifer Chaveroo SAU 253H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Pre Plan #3		

Project	Roosevelt County , NM (NAD83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Jennifer Chaveroo SAU 253H			
Site Position:	Northing:	972,784.10 usft	Latitude:	33° 40' 16.831 N
From: Map	Easting:	789,931.70 usft	Longitude:	103° 30' 58.422 W
Position Uncertainty:	0.00 ft	Slot Radius:	13.200 in	

Well	Jennifer Chaveroo SAU 253H					
Well Position	+N/-S	0.00 ft	Northing:	972,784.10 usft	Latitude:	33° 40' 16.831 N
	+E/-W	0.00 ft	Easting:	789,931.70 usft	Longitude:	103° 30' 58.422 W
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft	Ground Level:	4,318.10 ft	
Grid Convergence:	0.45 °					

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	8/12/2024	6.26	61.10	48,012.79037569

Design	Pre Plan #3			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	359.84

Plan Survey Tool Program	Date	8/6/2024		
Depth From (ft)	Depth To (ft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	10,055.82	Pre Plan #3 (Wellbore #1)	MWD
				MWD - Standard

Planning Report

Database:	edmdb	Local Co-ordinate Reference:	Well Jennifer Chaveroo SAU 253H
Company:	Ridgeway Arizona Oil Corp	TVD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Project:	Roosevelt County , NM (NAD83)	MD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Site:	Jennifer Chaveroo SAU 253H	North Reference:	Grid
Well:	Jennifer Chaveroo SAU 253H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Pre Plan #3		

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,200.00	18.00	209.00	1,185.27	-122.63	-67.98	2.00	2.00	0.00	209.00	
2,600.00	18.00	209.00	2,516.75	-501.01	-277.72	0.00	0.00	0.00	0.00	
3,500.00	0.00	0.00	3,402.02	-623.65	-345.69	2.00	-2.00	0.00	180.00	
3,587.78	0.00	0.00	3,489.80	-623.65	-345.69	0.00	0.00	0.00	0.00	
4,337.78	60.00	346.25	4,110.05	-275.81	-430.81	8.00	8.00	0.00	346.25	
4,537.78	60.00	346.25	4,210.05	-107.57	-471.98	0.00	0.00	0.00	0.00	
4,920.28	90.60	346.25	4,305.96	247.55	-558.87	8.00	8.00	0.00	0.00	
5,637.30	90.60	0.73	4,298.42	958.01	-639.93	2.02	0.00	2.02	89.93	
5,677.51	90.60	0.73	4,298.00	998.22	-639.41	0.00	0.00	0.00	0.00	
5,732.81	91.18	359.79	4,297.14	1,053.51	-639.16	2.00	1.05	-1.70	-58.40	
6,177.62	91.18	359.79	4,288.00	1,498.22	-640.78	0.00	0.00	0.00	0.00	
6,224.05	92.10	359.85	4,286.67	1,544.63	-640.93	2.00	2.00	0.12	3.37	
6,677.94	92.10	359.85	4,270.00	1,998.21	-642.15	0.00	0.00	0.00	0.00	
6,761.51	90.43	359.84	4,268.15	2,081.76	-642.38	2.00	-2.00	0.00	-179.91	
7,177.97	90.43	359.84	4,265.00	2,498.21	-643.52	0.00	0.00	0.00	0.00	
7,224.74	89.50	359.84	4,265.03	2,544.98	-643.65	2.00	-2.00	0.00	179.99	
7,677.99	89.50	359.84	4,269.00	2,998.21	-644.89	0.00	0.00	0.00	0.00	
7,691.83	89.77	359.84	4,269.09	3,012.05	-644.93	2.00	2.00	0.00	0.00	
8,178.00	89.77	359.84	4,271.00	3,498.21	-646.26	0.00	0.00	0.00	0.00	
8,245.36	91.12	359.84	4,270.47	3,565.57	-646.44	2.00	2.00	0.00	0.00	
8,678.09	91.12	359.84	4,262.00	3,998.21	-647.63	0.00	0.00	0.00	0.00	
8,721.21	91.98	359.84	4,260.83	4,041.32	-647.75	2.00	2.00	0.00	0.00	
9,178.38	91.98	359.84	4,245.00	4,498.21	-649.00	0.00	0.00	0.00	0.00	
9,261.61	90.32	359.84	4,243.33	4,581.42	-649.23	2.00	-2.00	0.00	180.00	
9,678.40	90.32	359.84	4,241.00	4,998.20	-650.37	0.00	0.00	0.00	0.00	
9,685.24	90.46	359.84	4,240.95	5,005.04	-650.39	2.00	2.00	0.00	0.00	
10,055.82	90.46	359.84	4,238.00	5,375.61	-651.40	0.00	0.00	0.00	0.00	BHL JCSAU #253

Planning Report

Database:	edmdb	Local Co-ordinate Reference:	Well Jennifer Chaveroo SAU 253H
Company:	Ridgeway Arizona Oil Corp	TVD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Project:	Roosevelt County , NM (NAD83)	MD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Site:	Jennifer Chaveroo SAU 253H	North Reference:	Grid
Well:	Jennifer Chaveroo SAU 253H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Pre Plan #3		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 2.00 at 300 MD									
400.00	2.00	209.00	399.98	-1.53	-0.85	-1.52	2.00	2.00	0.00
500.00	4.00	209.00	499.84	-6.10	-3.38	-6.09	2.00	2.00	0.00
600.00	6.00	209.00	599.45	-13.73	-7.61	-13.70	2.00	2.00	0.00
700.00	8.00	209.00	698.70	-24.38	-13.52	-24.35	2.00	2.00	0.00
800.00	10.00	209.00	797.47	-38.07	-21.10	-38.01	2.00	2.00	0.00
900.00	12.00	209.00	895.62	-54.75	-30.35	-54.67	2.00	2.00	0.00
1,000.00	14.00	209.00	993.06	-74.43	-41.26	-74.31	2.00	2.00	0.00
1,100.00	16.00	209.00	1,089.64	-97.06	-53.80	-96.91	2.00	2.00	0.00
1,200.00	18.00	209.00	1,185.27	-122.63	-67.98	-122.44	2.00	2.00	0.00
Start 1400.00 hold at 1200.00 MD									
1,300.00	18.00	209.00	1,280.37	-149.66	-82.96	-149.43	0.00	0.00	0.00
1,400.00	18.00	209.00	1,375.48	-176.69	-97.94	-176.41	0.00	0.00	0.00
1,500.00	18.00	209.00	1,470.59	-203.71	-112.92	-203.40	0.00	0.00	0.00
1,600.00	18.00	209.00	1,565.69	-230.74	-127.90	-230.38	0.00	0.00	0.00
1,700.00	18.00	209.00	1,660.80	-257.77	-142.88	-257.37	0.00	0.00	0.00
1,800.00	18.00	209.00	1,755.90	-284.80	-157.87	-284.35	0.00	0.00	0.00
1,900.00	18.00	209.00	1,851.01	-311.82	-172.85	-311.34	0.00	0.00	0.00
2,000.00	18.00	209.00	1,946.11	-338.85	-187.83	-338.32	0.00	0.00	0.00
2,100.00	18.00	209.00	2,041.22	-365.88	-202.81	-365.31	0.00	0.00	0.00
2,200.00	18.00	209.00	2,136.33	-392.91	-217.79	-392.30	0.00	0.00	0.00
2,300.00	18.00	209.00	2,231.43	-419.93	-232.77	-419.28	0.00	0.00	0.00
2,400.00	18.00	209.00	2,326.54	-446.96	-247.75	-446.27	0.00	0.00	0.00
2,500.00	18.00	209.00	2,421.64	-473.99	-262.74	-473.25	0.00	0.00	0.00
2,600.00	18.00	209.00	2,516.75	-501.01	-277.72	-500.24	0.00	0.00	0.00
Start Drop -2.00 at 2600 MD									
2,700.00	16.00	209.00	2,612.37	-526.58	-291.89	-525.77	2.00	-2.00	0.00
2,800.00	14.00	209.00	2,708.96	-549.22	-304.44	-548.37	2.00	-2.00	0.00
2,900.00	12.00	209.00	2,806.39	-568.89	-315.34	-568.01	2.00	-2.00	0.00
3,000.00	10.00	209.00	2,904.55	-585.58	-324.59	-584.67	2.00	-2.00	0.00
3,100.00	8.00	209.00	3,003.31	-599.26	-332.18	-598.33	2.00	-2.00	0.00
3,200.00	6.00	209.00	3,102.56	-609.92	-338.08	-608.97	2.00	-2.00	0.00
3,300.00	4.00	209.00	3,202.18	-617.54	-342.31	-616.59	2.00	-2.00	0.00
3,400.00	2.00	209.00	3,302.04	-622.12	-344.85	-621.16	2.00	-2.00	0.00
3,500.00	0.00	0.00	3,402.02	-623.65	-345.69	-622.68	2.00	-2.00	0.00
Start 87.78 hold at 3500.00 MD									
3,587.78	0.00	0.00	3,489.80	-623.65	-345.69	-622.68	0.00	0.00	0.00
Start Build 8.00 at 3587.78 MD									
3,600.00	0.98	346.25	3,502.02	-623.55	-345.72	-622.58	8.00	8.00	0.00
3,700.00	8.98	346.25	3,601.56	-615.13	-347.78	-614.15	8.00	8.00	0.00
3,800.00	16.98	346.25	3,698.92	-593.33	-353.11	-592.34	8.00	8.00	0.00
3,900.00	24.98	346.25	3,792.22	-558.58	-361.61	-557.57	8.00	8.00	0.00
4,000.00	32.98	346.25	3,879.63	-511.56	-373.12	-510.52	8.00	8.00	0.00
4,100.00	40.98	346.25	3,959.45	-453.19	-387.40	-452.10	8.00	8.00	0.00
4,200.00	48.98	346.25	4,030.13	-384.58	-404.19	-383.45	8.00	8.00	0.00
4,300.00	56.98	346.25	4,090.30	-307.10	-423.15	-305.91	8.00	8.00	0.00
4,337.78	60.00	346.25	4,110.05	-275.81	-430.81	-274.61	8.00	8.00	0.00
Start 200.00 hold at 4337.78 MD									
4,400.00	60.00	346.25	4,141.15	-223.47	-443.61	-222.23	0.00	0.00	0.00

Planning Report

Database:	edmdb	Local Co-ordinate Reference:	Well Jennifer Chaveroo SAU 253H
Company:	Ridgeway Arizona Oil Corp	TVD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Project:	Roosevelt County , NM (NAD83)	MD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Site:	Jennifer Chaveroo SAU 253H	North Reference:	Grid
Well:	Jennifer Chaveroo SAU 253H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Pre Plan #3		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
4,500.00	60.00	346.25	4,191.15	-139.35	-464.20	-138.06	0.00	0.00	0.00	
4,537.78	60.00	346.25	4,210.05	-107.57	-471.98	-106.25	0.00	0.00	0.00	
Start Build 8.00 at 4537.78 MD										
4,600.00	64.98	346.25	4,238.78	-53.99	-485.09	-52.63	8.00	8.00	0.00	
4,700.00	72.98	346.25	4,274.62	36.61	-507.26	38.02	8.00	8.00	0.00	
4,800.00	80.98	346.25	4,297.14	131.17	-530.40	132.65	8.00	8.00	0.00	
4,900.00	88.98	346.25	4,305.88	227.85	-554.05	229.40	8.00	8.00	0.00	
4,920.28	90.60	346.25	4,305.96	247.55	-558.87	249.11	8.00	8.00	0.00	
Start DLS 2.02 TFO 89.93 at 4920.28 MD										
5,000.00	90.60	347.86	4,305.12	325.24	-576.73	326.84	2.02	0.00	2.02	
5,100.00	90.60	349.88	4,304.07	423.34	-596.03	425.01	2.02	0.00	2.02	
5,200.00	90.60	351.90	4,303.02	522.07	-611.86	523.78	2.02	0.00	2.02	
5,300.00	90.60	353.92	4,301.96	621.30	-624.20	623.04	2.02	0.00	2.02	
5,400.00	90.60	355.94	4,300.91	720.89	-633.04	722.66	2.02	0.00	2.02	
5,500.00	90.60	357.96	4,299.86	820.74	-638.36	822.52	2.02	0.00	2.02	
5,600.00	90.60	359.98	4,298.81	920.72	-640.16	922.50	2.02	0.00	2.02	
5,637.30	90.60	0.73	4,298.42	958.01	-639.93	959.80	2.02	0.00	2.02	
Start 40.21 hold at 5637.30 MD										
5,677.51	90.60	0.73	4,298.00	998.22	-639.41	1,000.00	0.00	0.00	0.00	
Start DLS 2.00 TFO -58.40 at 5677.51 MD										
5,700.00	90.83	0.35	4,297.72	1,020.70	-639.20	1,022.49	2.00	1.05	-1.70	
5,732.81	91.18	359.79	4,297.14	1,053.51	-639.16	1,055.29	2.00	1.05	-1.70	
Start 444.80 hold at 5732.81 MD										
5,800.00	91.18	359.79	4,295.76	1,120.68	-639.40	1,122.47	0.00	0.00	0.00	
5,900.00	91.18	359.79	4,293.71	1,220.66	-639.77	1,222.44	0.00	0.00	0.00	
6,000.00	91.18	359.79	4,291.65	1,320.64	-640.13	1,322.42	0.00	0.00	0.00	
6,100.00	91.18	359.79	4,289.60	1,420.62	-640.50	1,422.40	0.00	0.00	0.00	
6,177.62	91.18	359.79	4,288.00	1,498.22	-640.78	1,500.00	0.00	0.00	0.00	
Start DLS 2.00 TFO 3.37 at 6177.62 MD										
6,200.00	91.62	359.82	4,287.45	1,520.60	-640.86	1,522.38	2.00	2.00	0.12	
6,224.05	92.10	359.85	4,286.67	1,544.63	-640.93	1,546.42	2.00	2.00	0.12	
Start 453.89 hold at 6224.05 MD										
6,300.00	92.10	359.85	4,283.88	1,620.53	-641.13	1,622.31	0.00	0.00	0.00	
6,400.00	92.10	359.85	4,280.21	1,720.46	-641.40	1,722.25	0.00	0.00	0.00	
6,500.00	92.10	359.85	4,276.54	1,820.40	-641.67	1,822.18	0.00	0.00	0.00	
6,600.00	92.10	359.85	4,272.86	1,920.33	-641.94	1,922.11	0.00	0.00	0.00	
6,677.94	92.10	359.85	4,270.00	1,998.21	-642.15	2,000.00	0.00	0.00	0.00	
Start DLS 2.00 TFO -179.91 at 6677.94 MD										
6,700.00	91.66	359.84	4,269.27	2,020.26	-642.21	2,022.05	2.00	-2.00	0.00	
6,761.51	90.43	359.84	4,268.15	2,081.76	-642.38	2,083.55	2.00	-2.00	0.00	
Start 416.46 hold at 6761.51 MD										
6,800.00	90.43	359.84	4,267.86	2,120.25	-642.48	2,122.04	0.00	0.00	0.00	
6,900.00	90.43	359.84	4,267.10	2,220.25	-642.76	2,222.03	0.00	0.00	0.00	
7,000.00	90.43	359.84	4,266.35	2,320.24	-643.03	2,322.03	0.00	0.00	0.00	
7,100.00	90.43	359.84	4,265.59	2,420.24	-643.31	2,422.03	0.00	0.00	0.00	
7,177.97	90.43	359.84	4,265.00	2,498.21	-643.52	2,500.00	0.00	0.00	0.00	
Start DLS 2.00 TFO 179.99 at 7177.97 MD										
7,200.00	89.99	359.84	4,264.92	2,520.24	-643.58	2,522.02	2.00	-2.00	0.00	
7,224.74	89.50	359.84	4,265.03	2,544.98	-643.65	2,546.76	2.00	-2.00	0.00	
Start 453.25 hold at 7224.74 MD										
7,300.00	89.50	359.84	4,265.69	2,620.23	-643.85	2,622.02	0.00	0.00	0.00	
7,400.00	89.50	359.84	4,266.56	2,720.23	-644.13	2,722.02	0.00	0.00	0.00	
7,500.00	89.50	359.84	4,267.44	2,820.22	-644.40	2,822.01	0.00	0.00	0.00	

Planning Report

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Company:	Ridgeway Arizona Oil Corp	TVD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Project:	Roosevelt County , NM (NAD83)	MD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Site:	Jennifer Chaveroo SAU 253H	North Reference:	Grid
Well:	Jennifer Chaveroo SAU 253H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Pre Plan #3		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,600.00	89.50	359.84	4,268.32	2,920.22	-644.68	2,922.01	0.00	0.00	0.00
7,677.99	89.50	359.84	4,269.00	2,998.21	-644.89	3,000.00	0.00	0.00	0.00
Start DLS 2.00 TFO 0.00 at 7677.99 MD									
7,691.83	89.77	359.84	4,269.09	3,012.05	-644.93	3,013.84	2.00	2.00	0.00
Start 486.17 hold at 7691.83 MD									
7,700.00	89.77	359.84	4,269.12	3,020.22	-644.95	3,022.01	0.00	0.00	0.00
7,800.00	89.77	359.84	4,269.51	3,120.22	-645.22	3,122.01	0.00	0.00	0.00
7,900.00	89.77	359.84	4,269.91	3,220.21	-645.50	3,222.00	0.00	0.00	0.00
8,000.00	89.77	359.84	4,270.30	3,320.21	-645.77	3,322.00	0.00	0.00	0.00
8,100.00	89.77	359.84	4,270.69	3,420.21	-646.05	3,422.00	0.00	0.00	0.00
8,178.00	89.77	359.84	4,271.00	3,498.21	-646.26	3,500.00	0.00	0.00	0.00
Start DLS 2.00 TFO 0.00 at 8178 MD									
8,200.00	90.21	359.84	4,271.00	3,520.21	-646.32	3,522.00	2.00	2.00	0.00
8,245.36	91.12	359.84	4,270.47	3,565.57	-646.44	3,567.36	2.00	2.00	0.00
Start 432.72 hold at 8245.36 MD									
8,300.00	91.12	359.84	4,269.40	3,620.20	-646.59	3,621.99	0.00	0.00	0.00
8,400.00	91.12	359.84	4,267.45	3,720.18	-646.87	3,721.97	0.00	0.00	0.00
8,500.00	91.12	359.84	4,265.49	3,820.16	-647.14	3,821.95	0.00	0.00	0.00
8,600.00	91.12	359.84	4,263.53	3,920.14	-647.41	3,921.93	0.00	0.00	0.00
8,678.09	91.12	359.84	4,262.00	3,998.21	-647.63	4,000.00	0.00	0.00	0.00
Start DLS 2.00 TFO 0.00 at 8678.09 MD									
8,700.00	91.56	359.84	4,261.49	4,020.12	-647.69	4,021.91	2.00	2.00	0.00
8,721.21	91.98	359.84	4,260.83	4,041.32	-647.75	4,043.11	2.00	2.00	0.00
Start 457.17 hold at 8721.21 MD									
8,800.00	91.98	359.84	4,258.10	4,120.06	-647.96	4,121.85	0.00	0.00	0.00
8,900.00	91.98	359.84	4,254.64	4,220.00	-648.24	4,221.79	0.00	0.00	0.00
9,000.00	91.98	359.84	4,251.18	4,319.94	-648.51	4,321.73	0.00	0.00	0.00
9,100.00	91.98	359.84	4,247.71	4,419.88	-648.78	4,421.67	0.00	0.00	0.00
9,178.38	91.98	359.84	4,245.00	4,498.21	-649.00	4,500.00	0.00	0.00	0.00
Start DLS 2.00 TFO 180.00 at 9178.38 MD									
9,200.00	91.55	359.84	4,244.33	4,519.82	-649.06	4,521.62	2.00	-2.00	0.00
9,261.61	90.32	359.84	4,243.33	4,581.42	-649.23	4,583.22	2.00	-2.00	0.00
Start 416.79 hold at 9261.61 MD									
9,300.00	90.32	359.84	4,243.11	4,619.81	-649.33	4,621.61	0.00	0.00	0.00
9,400.00	90.32	359.84	4,242.55	4,719.81	-649.61	4,721.60	0.00	0.00	0.00
9,500.00	90.32	359.84	4,242.00	4,819.81	-649.88	4,821.60	0.00	0.00	0.00
9,600.00	90.32	359.84	4,241.44	4,919.80	-650.15	4,921.60	0.00	0.00	0.00
9,678.40	90.32	359.84	4,241.00	4,998.20	-650.37	5,000.00	0.00	0.00	0.00
Start DLS 2.00 TFO 0.00 at 9678.40 MD									
9,685.24	90.46	359.84	4,240.95	5,005.04	-650.39	5,006.84	2.00	2.00	0.00
Start 370.58 hold at 9685.24 MD									
9,700.00	90.46	359.84	4,240.84	5,019.80	-650.43	5,021.60	0.00	0.00	0.00
9,800.00	90.46	359.84	4,240.04	5,119.80	-650.70	5,121.60	0.00	0.00	0.00
9,900.00	90.46	359.84	4,239.24	5,219.79	-650.97	5,221.59	0.00	0.00	0.00
10,000.00	90.46	359.84	4,238.45	5,319.79	-651.25	5,321.59	0.00	0.00	0.00
10,055.82	90.46	359.84	4,238.00	5,375.61	-651.40	5,377.41	0.00	0.00	0.00
TD at 10055.82 MD									

Planning Report

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Project:	Roosevelt County , NM (NAD83)	MD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Site:	Jennifer Chaveroo SAU 253H	North Reference:	Grid
Well:	Jennifer Chaveroo SAU 253H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Pre Plan #3		

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(ft)	(ft)	(ft)	(usft)	(usft)		
SHL JCSAU #253	0.00	0.00	0.00	0.00	0.00	972,784.10	789,931.70	33° 40' 16.831 N	103° 30' 58.422 W
- plan hits target center									
- Point									
BHL JCSAU #253	0.00	0.00	4,238.00	5,375.61	-651.40	978,159.70	789,280.30	33° 41' 10.061 N	103° 31' 5.627 W
- plan hits target center									
- Point									
LTP JCSAU #253	0.00	0.00	4,238.40	5,325.61	-651.30	978,109.70	789,280.40	33° 41' 9.566 N	103° 31' 5.631 W
- plan misses target center by 5.82ft at 10000.00ft MD (4238.44 TVD, 5319.79 N, -651.25 E)									
- Point									
FTP JCSAU #253	0.00	0.00	4,306.00	238.10	-637.50	973,022.20	789,294.20	33° 40' 19.236 N	103° 31' 5.942 W
- plan misses target center by 78.64ft at 4928.69ft MD (4305.87 TVD, 255.72 N, -560.86 E)									
- Point									

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
300.00	300.00	0.00	0.00	Start Build 2.00 at 300 MD	
1,200.00	1,185.27	-122.63	-67.98	Start 1400.00 hold at 1200.00 MD	
2,600.00	2,516.75	-501.01	-277.72	Start Drop -2.00 at 2600 MD	
3,500.00	3,402.02	-623.65	-345.69	Start 87.78 hold at 3500.00 MD	
3,587.78	3,489.80	-623.65	-345.69	Start Build 8.00 at 3587.78 MD	
4,337.78	4,110.05	-275.81	-430.81	Start 200.00 hold at 4337.78 MD	
4,537.78	4,210.05	-107.57	-471.98	Start Build 8.00 at 4537.78 MD	
4,920.28	4,305.96	247.55	-558.87	Start DLS 2.02 TFO 89.93 at 4920.28 MD	
5,637.30	4,298.42	958.01	-639.93	Start 40.21 hold at 5637.30 MD	
5,677.51	4,298.00	998.22	-639.41	Start DLS 2.00 TFO -58.40 at 5677.51 MD	
5,732.81	4,297.14	1,053.51	-639.16	Start 444.80 hold at 5732.81 MD	
6,177.62	4,288.00	1,498.22	-640.78	Start DLS 2.00 TFO 3.37 at 6177.62 MD	
6,224.05	4,286.67	1,544.63	-640.93	Start 453.89 hold at 6224.05 MD	
6,677.94	4,270.00	1,998.21	-642.15	Start DLS 2.00 TFO -179.91 at 6677.94 MD	
6,761.51	4,268.15	2,081.76	-642.38	Start 416.46 hold at 6761.51 MD	
7,177.97	4,265.00	2,498.21	-643.52	Start DLS 2.00 TFO 179.99 at 7177.97 MD	
7,224.74	4,265.03	2,544.98	-643.65	Start 453.25 hold at 7224.74 MD	
7,677.99	4,269.00	2,998.21	-644.89	Start DLS 2.00 TFO 0.00 at 7677.99 MD	
7,691.83	4,269.09	3,012.05	-644.93	Start 486.17 hold at 7691.83 MD	
8,178.00	4,271.00	3,498.21	-646.26	Start DLS 2.00 TFO 0.00 at 8178 MD	
8,245.36	4,270.47	3,565.57	-646.44	Start 432.72 hold at 8245.36 MD	
8,678.09	4,262.00	3,998.21	-647.63	Start DLS 2.00 TFO 0.00 at 8678.09 MD	
8,721.21	4,260.83	4,041.32	-647.75	Start 457.17 hold at 8721.21 MD	
9,178.38	4,245.00	4,498.21	-649.00	Start DLS 2.00 TFO 180.00 at 9178.38 MD	
9,261.61	4,243.33	4,581.42	-649.23	Start 416.79 hold at 9261.61 MD	
9,678.40	4,241.00	4,998.20	-650.37	Start DLS 2.00 TFO 0.00 at 9678.40 MD	
9,685.24	4,240.95	5,005.04	-650.39	Start 370.58 hold at 9685.24 MD	
10,055.82	4,238.00	5,375.61	-651.40	TD at 10055.82 MD	

Ridgeway Arizona Oil Corp

Roosevelt County , NM (NAD83)

Jennifer Chaveroo SAU 253H

Jennifer Chaveroo SAU 253H

Wellbore #1

Plan: Pre Plan #3

Standard Planning Report - Geographic

07 August, 2024

Planning Report - Geographic

Database:	edmdb	Local Co-ordinate Reference:	Well Jennifer Chaveroo SAU 253H
Company:	Ridgeway Arizona Oil Corp	TVD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Project:	Roosevelt County , NM (NAD83)	MD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Site:	Jennifer Chaveroo SAU 253H	North Reference:	Grid
Well:	Jennifer Chaveroo SAU 253H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Pre Plan #3		

Project	Roosevelt County , NM (NAD83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Jennifer Chaveroo SAU 253H				
Site Position:	Northing:	972,784.10 usft	Latitude:	33° 40' 16.831 N	
From:	Map	Easting:	789,931.70 usft	Longitude:	103° 30' 58.422 W
Position Uncertainty:	0.00 ft	Slot Radius:	13.200 in		

Well	Jennifer Chaveroo SAU 253H					
Well Position	+N/-S	0.00 ft	Northing:	972,784.10 usft	Latitude:	33° 40' 16.831 N
	+E/-W	0.00 ft	Easting:	789,931.70 usft	Longitude:	103° 30' 58.422 W
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft	Ground Level:	4,318.10 ft	
Grid Convergence:	0.45 °					

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	8/12/2024	6.26	61.10	48,012.79037569

Design	Pre Plan #3			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	359.84

Plan Survey Tool Program	Date	8/6/2024		
Depth From (ft)	Depth To (ft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	10,055.82 Pre Plan #3 (Wellbore #1)	MWD	
			MWD - Standard	

Planning Report - Geographic

Database:	edmdb	Local Co-ordinate Reference:	Well Jennifer Chaveroo SAU 253H
Company:	Ridgeway Arizona Oil Corp	TVD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Project:	Roosevelt County , NM (NAD83)	MD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Site:	Jennifer Chaveroo SAU 253H	North Reference:	Grid
Well:	Jennifer Chaveroo SAU 253H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Pre Plan #3		

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,200.00	18.00	209.00	1,185.27	-122.63	-67.98	2.00	2.00	0.00	209.00	
2,600.00	18.00	209.00	2,516.75	-501.01	-277.72	0.00	0.00	0.00	0.00	
3,500.00	0.00	0.00	3,402.02	-623.65	-345.69	2.00	-2.00	0.00	180.00	
3,587.78	0.00	0.00	3,489.80	-623.65	-345.69	0.00	0.00	0.00	0.00	
4,337.78	60.00	346.25	4,110.05	-275.81	-430.81	8.00	8.00	0.00	346.25	
4,537.78	60.00	346.25	4,210.05	-107.57	-471.98	0.00	0.00	0.00	0.00	
4,920.28	90.60	346.25	4,305.96	247.55	-558.87	8.00	8.00	0.00	0.00	
5,637.30	90.60	0.73	4,298.42	958.01	-639.93	2.02	0.00	2.02	89.93	
5,677.51	90.60	0.73	4,298.00	998.22	-639.41	0.00	0.00	0.00	0.00	
5,732.81	91.18	359.79	4,297.14	1,053.51	-639.16	2.00	1.05	-1.70	-58.40	
6,177.62	91.18	359.79	4,288.00	1,498.22	-640.78	0.00	0.00	0.00	0.00	
6,224.05	92.10	359.85	4,286.67	1,544.63	-640.93	2.00	2.00	0.12	3.37	
6,677.94	92.10	359.85	4,270.00	1,998.21	-642.15	0.00	0.00	0.00	0.00	
6,761.51	90.43	359.84	4,268.15	2,081.76	-642.38	2.00	-2.00	0.00	-179.91	
7,177.97	90.43	359.84	4,265.00	2,498.21	-643.52	0.00	0.00	0.00	0.00	
7,224.74	89.50	359.84	4,265.03	2,544.98	-643.65	2.00	-2.00	0.00	179.99	
7,677.99	89.50	359.84	4,269.00	2,998.21	-644.89	0.00	0.00	0.00	0.00	
7,691.83	89.77	359.84	4,269.09	3,012.05	-644.93	2.00	2.00	0.00	0.00	
8,178.00	89.77	359.84	4,271.00	3,498.21	-646.26	0.00	0.00	0.00	0.00	
8,245.36	91.12	359.84	4,270.47	3,565.57	-646.44	2.00	2.00	0.00	0.00	
8,678.09	91.12	359.84	4,262.00	3,998.21	-647.63	0.00	0.00	0.00	0.00	
8,721.21	91.98	359.84	4,260.83	4,041.32	-647.75	2.00	2.00	0.00	0.00	
9,178.38	91.98	359.84	4,245.00	4,498.21	-649.00	0.00	0.00	0.00	0.00	
9,261.61	90.32	359.84	4,243.33	4,581.42	-649.23	2.00	-2.00	0.00	180.00	
9,678.40	90.32	359.84	4,241.00	4,998.20	-650.37	0.00	0.00	0.00	0.00	
9,685.24	90.46	359.84	4,240.95	5,005.04	-650.39	2.00	2.00	0.00	0.00	
10,055.82	90.46	359.84	4,238.00	5,375.61	-651.40	0.00	0.00	0.00	0.00	BHL JCSAU #253

Planning Report - Geographic

Database:	edmdb	Local Co-ordinate Reference:	Well Jennifer Chaveroo SAU 253H
Company:	Ridgeway Arizona Oil Corp	TVD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Project:	Roosevelt County , NM (NAD83)	MD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Site:	Jennifer Chaveroo SAU 253H	North Reference:	Grid
Well:	Jennifer Chaveroo SAU 253H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Pre Plan #3		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	972,784.10	789,931.70	33° 40' 16.831 N	103° 30' 58.422 W
100.00	0.00	0.00	100.00	0.00	0.00	972,784.10	789,931.70	33° 40' 16.831 N	103° 30' 58.422 W
200.00	0.00	0.00	200.00	0.00	0.00	972,784.10	789,931.70	33° 40' 16.831 N	103° 30' 58.422 W
300.00	0.00	0.00	300.00	0.00	0.00	972,784.10	789,931.70	33° 40' 16.831 N	103° 30' 58.422 W
Start Build 2.00 at 300 MD									
400.00	2.00	209.00	399.98	-1.53	-0.85	972,782.58	789,930.85	33° 40' 16.816 N	103° 30' 58.432 W
500.00	4.00	209.00	499.84	-6.10	-3.38	972,778.00	789,928.31	33° 40' 16.771 N	103° 30' 58.462 W
600.00	6.00	209.00	599.45	-13.73	-7.61	972,770.38	789,924.09	33° 40' 16.696 N	103° 30' 58.513 W
700.00	8.00	209.00	698.70	-24.38	-13.52	972,759.72	789,918.18	33° 40' 16.591 N	103° 30' 58.584 W
800.00	10.00	209.00	797.47	-38.07	-21.10	972,746.04	789,910.60	33° 40' 16.456 N	103° 30' 58.675 W
900.00	12.00	209.00	895.62	-54.75	-30.35	972,729.35	789,901.35	33° 40' 16.291 N	103° 30' 58.786 W
1,000.00	14.00	209.00	993.06	-74.43	-41.26	972,709.67	789,890.44	33° 40' 16.098 N	103° 30' 58.917 W
1,100.00	16.00	209.00	1,089.64	-97.06	-53.80	972,687.04	789,877.90	33° 40' 15.875 N	103° 30' 59.067 W
1,200.00	18.00	209.00	1,185.27	-122.63	-67.98	972,661.47	789,863.72	33° 40' 15.623 N	103° 30' 59.238 W
Start 1400.00 hold at 1200.00 MD									
1,300.00	18.00	209.00	1,280.37	-149.66	-82.96	972,634.44	789,848.74	33° 40' 15.357 N	103° 30' 59.417 W
1,400.00	18.00	209.00	1,375.48	-176.69	-97.94	972,607.41	789,833.76	33° 40' 15.090 N	103° 30' 59.597 W
1,500.00	18.00	209.00	1,470.59	-203.71	-112.92	972,580.39	789,818.78	33° 40' 14.824 N	103° 30' 59.777 W
1,600.00	18.00	209.00	1,565.69	-230.74	-127.90	972,553.36	789,803.80	33° 40' 14.558 N	103° 30' 59.957 W
1,700.00	18.00	209.00	1,660.80	-257.77	-142.88	972,526.33	789,788.81	33° 40' 14.292 N	103° 31' 0.136 W
1,800.00	18.00	209.00	1,755.90	-284.80	-157.87	972,499.31	789,773.83	33° 40' 14.026 N	103° 31' 0.316 W
1,900.00	18.00	209.00	1,851.01	-311.82	-172.85	972,472.28	789,758.85	33° 40' 13.759 N	103° 31' 0.496 W
2,000.00	18.00	209.00	1,946.11	-338.85	-187.83	972,445.25	789,743.87	33° 40' 13.493 N	103° 31' 0.676 W
2,100.00	18.00	209.00	2,041.22	-365.88	-202.81	972,418.22	789,728.89	33° 40' 13.227 N	103° 31' 0.856 W
2,200.00	18.00	209.00	2,136.33	-392.91	-217.79	972,391.20	789,713.91	33° 40' 12.961 N	103° 31' 1.035 W
2,300.00	18.00	209.00	2,231.43	-419.93	-232.77	972,364.17	789,698.93	33° 40' 12.695 N	103° 31' 1.215 W
2,400.00	18.00	209.00	2,326.54	-446.96	-247.75	972,337.14	789,683.94	33° 40' 12.428 N	103° 31' 1.395 W
2,500.00	18.00	209.00	2,421.64	-473.99	-262.74	972,310.12	789,668.96	33° 40' 12.162 N	103° 31' 1.575 W
2,600.00	18.00	209.00	2,516.75	-501.01	-277.72	972,283.09	789,653.98	33° 40' 11.896 N	103° 31' 1.754 W
Start Drop -2.00 at 2600 MD									
2,700.00	16.00	209.00	2,612.37	-526.58	-291.89	972,257.52	789,639.81	33° 40' 11.644 N	103° 31' 1.925 W
2,800.00	14.00	209.00	2,708.96	-549.22	-304.44	972,234.88	789,627.26	33° 40' 11.421 N	103° 31' 2.075 W
2,900.00	12.00	209.00	2,806.39	-568.89	-315.34	972,215.21	789,616.36	33° 40' 11.227 N	103° 31' 2.206 W
3,000.00	10.00	209.00	2,904.55	-585.58	-324.59	972,198.52	789,607.11	33° 40' 11.063 N	103° 31' 2.317 W
3,100.00	8.00	209.00	3,003.31	-599.26	-332.18	972,184.84	789,599.52	33° 40' 10.928 N	103° 31' 2.408 W
3,200.00	6.00	209.00	3,102.56	-609.92	-338.08	972,174.18	789,593.61	33° 40' 10.823 N	103° 31' 2.479 W
3,300.00	4.00	209.00	3,202.18	-617.54	-342.31	972,166.56	789,589.39	33° 40' 10.748 N	103° 31' 2.530 W
3,400.00	2.00	209.00	3,302.04	-622.12	-344.85	972,161.98	789,586.85	33° 40' 10.703 N	103° 31' 2.560 W
3,500.00	0.00	0.00	3,402.02	-623.65	-345.69	972,160.46	789,586.01	33° 40' 10.688 N	103° 31' 2.570 W
Start 87.78 hold at 3500.00 MD									
3,587.78	0.00	0.00	3,489.80	-623.65	-345.69	972,160.46	789,586.01	33° 40' 10.688 N	103° 31' 2.570 W
Start Build 8.00 at 3587.78 MD									
3,600.00	0.98	346.25	3,502.02	-623.55	-345.72	972,160.56	789,585.98	33° 40' 10.689 N	103° 31' 2.570 W
3,700.00	8.98	346.25	3,601.56	-615.13	-347.78	972,168.98	789,583.92	33° 40' 10.773 N	103° 31' 2.594 W
3,800.00	16.98	346.25	3,698.92	-593.33	-353.11	972,190.77	789,578.59	33° 40' 10.989 N	103° 31' 2.655 W
3,900.00	24.98	346.25	3,792.22	-558.58	-361.61	972,225.52	789,570.08	33° 40' 11.333 N	103° 31' 2.752 W
4,000.00	32.98	346.25	3,879.63	-511.56	-373.12	972,272.54	789,558.58	33° 40' 11.799 N	103° 31' 2.884 W
4,100.00	40.98	346.25	3,959.45	-453.19	-387.40	972,330.92	789,544.29	33° 40' 12.378 N	103° 31' 3.048 W
4,200.00	48.98	346.25	4,030.13	-384.58	-404.19	972,399.52	789,527.51	33° 40' 13.058 N	103° 31' 3.240 W
4,300.00	56.98	346.25	4,090.30	-307.10	-423.15	972,477.01	789,508.55	33° 40' 13.826 N	103° 31' 3.457 W
4,337.78	60.00	346.25	4,110.05	-275.81	-430.81	972,508.29	789,500.89	33° 40' 14.136 N	103° 31' 3.545 W
Start 200.00 hold at 4337.78 MD									
4,400.00	60.00	346.25	4,141.15	-223.47	-443.61	972,560.63	789,488.08	33° 40' 14.655 N	103° 31' 3.691 W
4,500.00	60.00	346.25	4,191.15	-139.35	-464.20	972,644.75	789,467.50	33° 40' 15.488 N	103° 31' 3.927 W

Planning Report - Geographic

Database:	edmdb	Local Co-ordinate Reference:	Well Jennifer Chaveroo SAU 253H
Company:	Ridgeway Arizona Oil Corp	TVD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Project:	Roosevelt County , NM (NAD83)	MD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Site:	Jennifer Chaveroo SAU 253H	North Reference:	Grid
Well:	Jennifer Chaveroo SAU 253H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Pre Plan #3		

Planned Survey										
Measured			Vertical			Map		Map		
Depth (ft)	Inclination (°)	Azimuth (°)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
4,537.78	60.00	346.25	4,210.05	-107.57	-471.98	972,676.53	789,459.72	33° 40' 15.803 N	103° 31' 4.016 W	
Start Build 8.00 at 4537.78 MD										
4,600.00	64.98	346.25	4,238.78	-53.99	-485.09	972,730.11	789,446.61	33° 40' 16.335 N	103° 31' 4.166 W	
4,700.00	72.98	346.25	4,274.62	36.61	-507.26	972,820.71	789,424.44	33° 40' 17.233 N	103° 31' 4.420 W	
4,800.00	80.98	346.25	4,297.14	131.17	-530.40	972,915.27	789,401.30	33° 40' 18.170 N	103° 31' 4.685 W	
4,900.00	88.98	346.25	4,305.88	227.85	-554.05	973,011.95	789,377.65	33° 40' 19.128 N	103° 31' 4.956 W	
4,920.28	90.60	346.25	4,305.96	247.55	-558.87	973,031.65	789,372.82	33° 40' 19.323 N	103° 31' 5.011 W	
Start DLS 2.02 TFO 89.93 at 4920.28 MD										
5,000.00	90.60	347.86	4,305.12	325.24	-576.73	973,109.34	789,354.97	33° 40' 20.093 N	103° 31' 5.215 W	
5,100.00	90.60	349.88	4,304.07	423.34	-596.03	973,207.44	789,335.67	33° 40' 21.065 N	103° 31' 5.434 W	
5,200.00	90.60	351.90	4,303.02	522.07	-611.86	973,306.17	789,319.84	33° 40' 22.043 N	103° 31' 5.612 W	
5,300.00	90.60	353.92	4,301.96	621.30	-624.20	973,405.40	789,307.49	33° 40' 23.026 N	103° 31' 5.749 W	
5,400.00	90.60	355.94	4,300.91	720.89	-633.04	973,505.00	789,298.66	33° 40' 24.012 N	103° 31' 5.844 W	
5,500.00	90.60	357.96	4,299.86	820.74	-638.36	973,604.84	789,293.34	33° 40' 25.000 N	103° 31' 5.898 W	
5,600.00	90.60	359.98	4,298.81	920.72	-640.16	973,704.82	789,291.54	33° 40' 25.989 N	103° 31' 5.910 W	
5,637.30	90.60	0.73	4,298.42	958.01	-639.93	973,742.11	789,291.77	33° 40' 26.358 N	103° 31' 5.904 W	
Start 40.21 hold at 5637.30 MD										
5,677.51	90.60	0.73	4,298.00	998.22	-639.41	973,782.32	789,292.29	33° 40' 26.756 N	103° 31' 5.894 W	
Start DLS 2.00 TFO -58.40 at 5677.51 MD										
5,700.00	90.83	0.35	4,297.72	1,020.70	-639.20	973,804.80	789,292.50	33° 40' 26.978 N	103° 31' 5.889 W	
5,732.81	91.18	359.79	4,297.14	1,053.51	-639.16	973,837.61	789,292.54	33° 40' 27.303 N	103° 31' 5.886 W	
Start 444.80 hold at 5732.81 MD										
5,800.00	91.18	359.79	4,295.76	1,120.68	-639.40	973,904.78	789,292.29	33° 40' 27.967 N	103° 31' 5.882 W	
5,900.00	91.18	359.79	4,293.71	1,220.66	-639.77	974,004.76	789,291.93	33° 40' 28.956 N	103° 31' 5.877 W	
6,000.00	91.18	359.79	4,291.65	1,320.64	-640.13	974,104.74	789,291.57	33° 40' 29.946 N	103° 31' 5.872 W	
6,100.00	91.18	359.79	4,289.60	1,420.62	-640.50	974,204.72	789,291.20	33° 40' 30.935 N	103° 31' 5.867 W	
6,177.62	91.18	359.79	4,288.00	1,498.22	-640.78	974,282.32	789,290.92	33° 40' 31.702 N	103° 31' 5.864 W	
Start DLS 2.00 TFO 3.37 at 6177.62 MD										
6,200.00	91.62	359.82	4,287.45	1,520.60	-640.86	974,304.69	789,290.84	33° 40' 31.924 N	103° 31' 5.862 W	
6,224.05	92.10	359.85	4,286.67	1,544.63	-640.93	974,328.73	789,290.77	33° 40' 32.161 N	103° 31' 5.861 W	
Start 453.89 hold at 6224.05 MD										
6,300.00	92.10	359.85	4,283.88	1,620.53	-641.13	974,404.63	789,290.57	33° 40' 32.912 N	103° 31' 5.856 W	
6,400.00	92.10	359.85	4,280.21	1,720.46	-641.40	974,504.56	789,290.30	33° 40' 33.901 N	103° 31' 5.850 W	
6,500.00	92.10	359.85	4,276.54	1,820.40	-641.67	974,604.49	789,290.03	33° 40' 34.890 N	103° 31' 5.844 W	
6,600.00	92.10	359.85	4,272.86	1,920.33	-641.94	974,704.43	789,289.76	33° 40' 35.878 N	103° 31' 5.838 W	
6,677.94	92.10	359.85	4,270.00	1,998.21	-642.15	974,782.31	789,289.55	33° 40' 36.649 N	103° 31' 5.833 W	
Start DLS 2.00 TFO -179.91 at 6677.94 MD										
6,700.00	91.66	359.84	4,269.27	2,020.26	-642.21	974,804.36	789,289.49	33° 40' 36.867 N	103° 31' 5.832 W	
6,761.51	90.43	359.84	4,268.15	2,081.76	-642.38	974,865.86	789,289.32	33° 40' 37.475 N	103° 31' 5.828 W	
Start 416.46 hold at 6761.51 MD										
6,800.00	90.43	359.84	4,267.86	2,120.25	-642.48	974,904.35	789,289.22	33° 40' 37.856 N	103° 31' 5.826 W	
6,900.00	90.43	359.84	4,267.10	2,220.25	-642.76	975,004.34	789,288.94	33° 40' 38.845 N	103° 31' 5.820 W	
7,000.00	90.43	359.84	4,266.35	2,320.24	-643.03	975,104.34	789,288.67	33° 40' 39.835 N	103° 31' 5.813 W	
7,100.00	90.43	359.84	4,265.59	2,420.24	-643.31	975,204.34	789,288.39	33° 40' 40.824 N	103° 31' 5.807 W	
7,177.97	90.43	359.84	4,265.00	2,498.21	-643.52	975,282.31	789,288.18	33° 40' 41.595 N	103° 31' 5.803 W	
Start DLS 2.00 TFO 179.99 at 7177.97 MD										
7,200.00	89.99	359.84	4,264.92	2,520.24	-643.58	975,304.33	789,288.12	33° 40' 41.813 N	103° 31' 5.801 W	
7,224.74	89.50	359.84	4,265.03	2,544.98	-643.65	975,329.07	789,288.05	33° 40' 42.058 N	103° 31' 5.800 W	
Start 453.25 hold at 7224.74 MD										
7,300.00	89.50	359.84	4,265.69	2,620.23	-643.85	975,404.33	789,287.84	33° 40' 42.802 N	103° 31' 5.795 W	
7,400.00	89.50	359.84	4,266.56	2,720.23	-644.13	975,504.33	789,287.57	33° 40' 43.792 N	103° 31' 5.789 W	
7,500.00	89.50	359.84	4,267.44	2,820.22	-644.40	975,604.32	789,287.30	33° 40' 44.781 N	103° 31' 5.783 W	
7,600.00	89.50	359.84	4,268.32	2,920.22	-644.68	975,704.32	789,287.02	33° 40' 45.770 N	103° 31' 5.777 W	

Planning Report - Geographic

Database:	edmdb	Local Co-ordinate Reference:	Well Jennifer Chaveroo SAU 253H
Company:	Ridgeway Arizona Oil Corp	TVD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Project:	Roosevelt County , NM (NAD83)	MD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Site:	Jennifer Chaveroo SAU 253H	North Reference:	Grid
Well:	Jennifer Chaveroo SAU 253H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Pre Plan #3		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
7,677.99	89.50	359.84	4,269.00	2,998.21	-644.89	975,782.31	789,286.81	33° 40' 46.542 N	103° 31' 5.772 W	
Start DLS 2.00 TFO 0.00 at 7677.99 MD										
7,691.83	89.77	359.84	4,269.09	3,012.05	-644.93	975,796.14	789,286.77	33° 40' 46.679 N	103° 31' 5.771 W	
Start 486.17 hold at 7691.83 MD										
7,700.00	89.77	359.84	4,269.12	3,020.22	-644.95	975,804.31	789,286.75	33° 40' 46.759 N	103° 31' 5.771 W	
7,800.00	89.77	359.84	4,269.51	3,120.22	-645.22	975,904.31	789,286.47	33° 40' 47.749 N	103° 31' 5.765 W	
7,900.00	89.77	359.84	4,269.91	3,220.21	-645.50	976,004.31	789,286.20	33° 40' 48.738 N	103° 31' 5.759 W	
8,000.00	89.77	359.84	4,270.30	3,320.21	-645.77	976,104.31	789,285.93	33° 40' 49.727 N	103° 31' 5.753 W	
8,100.00	89.77	359.84	4,270.69	3,420.21	-646.05	976,204.31	789,285.65	33° 40' 50.716 N	103° 31' 5.746 W	
8,178.00	89.77	359.84	4,271.00	3,498.21	-646.26	976,282.30	789,285.44	33° 40' 51.488 N	103° 31' 5.742 W	
Start DLS 2.00 TFO 0.00 at 8178 MD										
8,200.00	90.21	359.84	4,271.00	3,520.21	-646.32	976,304.31	789,285.38	33° 40' 51.706 N	103° 31' 5.740 W	
8,245.36	91.12	359.84	4,270.47	3,565.57	-646.44	976,349.67	789,285.26	33° 40' 52.155 N	103° 31' 5.738 W	
Start 432.72 hold at 8245.36 MD										
8,300.00	91.12	359.84	4,269.40	3,620.20	-646.59	976,404.29	789,285.11	33° 40' 52.695 N	103° 31' 5.734 W	
8,400.00	91.12	359.84	4,267.45	3,720.18	-646.87	976,504.27	789,284.83	33° 40' 53.684 N	103° 31' 5.728 W	
8,500.00	91.12	359.84	4,265.49	3,820.16	-647.14	976,604.25	789,284.56	33° 40' 54.673 N	103° 31' 5.722 W	
8,600.00	91.12	359.84	4,263.53	3,920.14	-647.41	976,704.23	789,284.28	33° 40' 55.662 N	103° 31' 5.716 W	
8,678.09	91.12	359.84	4,262.00	3,998.21	-647.63	976,782.30	789,284.07	33° 40' 56.435 N	103° 31' 5.711 W	
Start DLS 2.00 TFO 0.00 at 8678.09 MD										
8,700.00	91.56	359.84	4,261.49	4,020.12	-647.69	976,804.21	789,284.01	33° 40' 56.651 N	103° 31' 5.710 W	
8,721.21	91.98	359.84	4,260.83	4,041.32	-647.75	976,825.41	789,283.95	33° 40' 56.861 N	103° 31' 5.709 W	
Start 457.17 hold at 8721.21 MD										
8,800.00	91.98	359.84	4,258.10	4,120.06	-647.96	976,904.15	789,283.74	33° 40' 57.640 N	103° 31' 5.704 W	
8,900.00	91.98	359.84	4,254.64	4,220.00	-648.24	977,004.09	789,283.46	33° 40' 58.629 N	103° 31' 5.698 W	
9,000.00	91.98	359.84	4,251.18	4,319.94	-648.51	977,104.03	789,283.19	33° 40' 59.617 N	103° 31' 5.692 W	
9,100.00	91.98	359.84	4,247.71	4,419.88	-648.78	977,203.97	789,282.92	33° 41' 0.606 N	103° 31' 5.685 W	
9,178.38	91.98	359.84	4,245.00	4,498.21	-649.00	977,282.30	789,282.70	33° 41' 1.381 N	103° 31' 5.681 W	
Start DLS 2.00 TFO 180.00 at 9178.38 MD										
9,200.00	91.55	359.84	4,244.33	4,519.82	-649.06	977,303.91	789,282.64	33° 41' 1.595 N	103° 31' 5.679 W	
9,261.61	90.32	359.84	4,243.33	4,581.42	-649.23	977,365.52	789,282.47	33° 41' 2.204 N	103° 31' 5.676 W	
Start 416.79 hold at 9261.61 MD										
9,300.00	90.32	359.84	4,243.11	4,619.81	-649.33	977,403.90	789,282.37	33° 41' 2.584 N	103° 31' 5.673 W	
9,400.00	90.32	359.84	4,242.55	4,719.81	-649.61	977,503.90	789,282.09	33° 41' 3.573 N	103° 31' 5.667 W	
9,500.00	90.32	359.84	4,242.00	4,819.81	-649.88	977,603.90	789,281.82	33° 41' 4.563 N	103° 31' 5.661 W	
9,600.00	90.32	359.84	4,241.44	4,919.80	-650.15	977,703.90	789,281.55	33° 41' 5.552 N	103° 31' 5.655 W	
9,678.40	90.32	359.84	4,241.00	4,998.20	-650.37	977,782.29	789,281.33	33° 41' 6.327 N	103° 31' 5.650 W	
Start DLS 2.00 TFO 0.00 at 9678.40 MD										
9,685.24	90.46	359.84	4,240.95	5,005.04	-650.39	977,789.13	789,281.31	33° 41' 6.395 N	103° 31' 5.650 W	
Start 370.58 hold at 9685.24 MD										
9,700.00	90.46	359.84	4,240.84	5,019.80	-650.43	977,803.89	789,281.27	33° 41' 6.541 N	103° 31' 5.649 W	
9,800.00	90.46	359.84	4,240.04	5,119.80	-650.70	977,903.89	789,281.00	33° 41' 7.530 N	103° 31' 5.643 W	
9,900.00	90.46	359.84	4,239.24	5,219.79	-650.97	978,003.89	789,280.72	33° 41' 8.520 N	103° 31' 5.637 W	
10,000.00	90.46	359.84	4,238.45	5,319.79	-651.25	978,103.88	789,280.45	33° 41' 9.509 N	103° 31' 5.631 W	
10,055.82	90.46	359.84	4,238.00	5,375.61	-651.40	978,159.70	789,280.30	33° 41' 10.061 N	103° 31' 5.627 W	
TD at 10055.82 MD										

Planning Report - Geographic

Database:	edmdb	Local Co-ordinate Reference:	Well Jennifer Chaveroo SAU 253H
Company:	Ridgeway Arizona Oil Corp	TVD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Project:	Roosevelt County , NM (NAD83)	MD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Site:	Jennifer Chaveroo SAU 253H	North Reference:	Grid
Well:	Jennifer Chaveroo SAU 253H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Pre Plan #3		

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(ft)	(ft)	(ft)	(usft)	(usft)		
SHL JCSAU #253	0.00	0.00	0.00	0.00	0.00	972,784.10	789,931.70	33° 40' 16.831 N	103° 30' 58.422 W
- plan hits target center									
- Point									
BHL JCSAU #253	0.00	0.00	4,238.00	5,375.61	-651.40	978,159.70	789,280.30	33° 41' 10.061 N	103° 31' 5.627 W
- plan hits target center									
- Point									
LTP JCSAU #253	0.00	0.00	4,238.40	5,325.61	-651.30	978,109.70	789,280.40	33° 41' 9.566 N	103° 31' 5.631 W
- plan misses target center by 5.82ft at 10000.00ft MD (4238.44 TVD, 5319.79 N, -651.25 E)									
- Point									
FTP JCSAU #253	0.00	0.00	4,306.00	238.10	-637.50	973,022.20	789,294.20	33° 40' 19.236 N	103° 31' 5.942 W
- plan misses target center by 78.64ft at 4928.69ft MD (4305.87 TVD, 255.72 N, -560.86 E)									
- Point									

Plan Annotations				
Measured Depth	Vertical	Local Coordinates		
Depth	Depth	+N/-S	+E/-W	Comment
(ft)	(ft)	(ft)	(ft)	
300.00	300.00	0.00	0.00	Start Build 2.00 at 300 MD
1,200.00	1,185.27	-122.63	-67.98	Start 1400.00 hold at 1200.00 MD
2,600.00	2,516.75	-501.01	-277.72	Start Drop -2.00 at 2600 MD
3,500.00	3,402.02	-623.65	-345.69	Start 87.78 hold at 3500.00 MD
3,587.78	3,489.80	-623.65	-345.69	Start Build 8.00 at 3587.78 MD
4,337.78	4,110.05	-275.81	-430.81	Start 200.00 hold at 4337.78 MD
4,537.78	4,210.05	-107.57	-471.98	Start Build 8.00 at 4537.78 MD
4,920.28	4,305.96	247.55	-558.87	Start DLS 2.02 TFO 89.93 at 4920.28 MD
5,637.30	4,298.42	958.01	-639.93	Start 40.21 hold at 5637.30 MD
5,677.51	4,298.00	998.22	-639.41	Start DLS 2.00 TFO -58.40 at 5677.51 MD
5,732.81	4,297.14	1,053.51	-639.16	Start 444.80 hold at 5732.81 MD
6,177.62	4,288.00	1,498.22	-640.78	Start DLS 2.00 TFO 3.37 at 6177.62 MD
6,224.05	4,286.67	1,544.63	-640.93	Start 453.89 hold at 6224.05 MD
6,677.94	4,270.00	1,998.21	-642.15	Start DLS 2.00 TFO -179.91 at 6677.94 MD
6,761.51	4,268.15	2,081.76	-642.38	Start 416.46 hold at 6761.51 MD
7,177.97	4,265.00	2,498.21	-643.52	Start DLS 2.00 TFO 179.99 at 7177.97 MD
7,224.74	4,265.03	2,544.98	-643.65	Start 453.25 hold at 7224.74 MD
7,677.99	4,269.00	2,998.21	-644.89	Start DLS 2.00 TFO 0.00 at 7677.99 MD
7,691.83	4,269.09	3,012.05	-644.93	Start 486.17 hold at 7691.83 MD
8,178.00	4,271.00	3,498.21	-646.26	Start DLS 2.00 TFO 0.00 at 8178 MD
8,245.36	4,270.47	3,565.57	-646.44	Start 432.72 hold at 8245.36 MD
8,678.09	4,262.00	3,998.21	-647.63	Start DLS 2.00 TFO 0.00 at 8678.09 MD
8,721.21	4,260.83	4,041.32	-647.75	Start 457.17 hold at 8721.21 MD
9,178.38	4,245.00	4,498.21	-649.00	Start DLS 2.00 TFO 180.00 at 9178.38 MD
9,261.61	4,243.33	4,581.42	-649.23	Start 416.79 hold at 9261.61 MD
9,678.40	4,241.00	4,998.20	-650.37	Start DLS 2.00 TFO 0.00 at 9678.40 MD
9,685.24	4,240.95	5,005.04	-650.39	Start 370.58 hold at 9685.24 MD
10,055.82	4,238.00	5,375.61	-651.40	TD at 10055.82 MD

Ridgeway Arizona Oil Corp

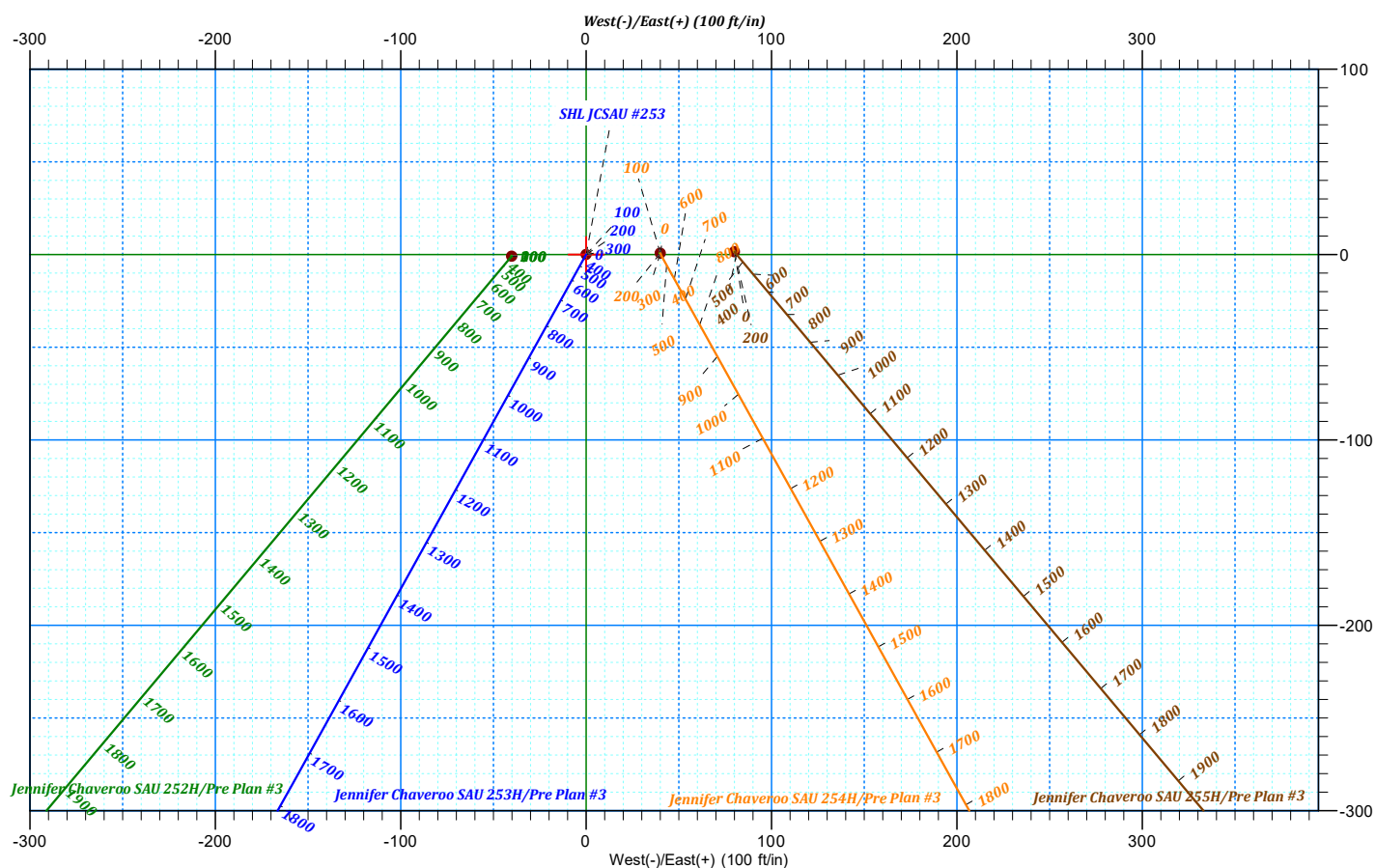
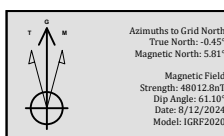
DrilTech, LLC

Ridgeway Arizona Oil Corp
Jennifer Chaveroo SAU 253H
Wellbore #1
Pre Plan #3



SURFACE LOCATION

US State Plane 1983
New Mexico Eastern Zone
Elevation: GL 4318.1' + RKB 17' @ 4335.10ft
Northing 972784.10 Easting 789931.70 Latitude 33° 40' 16.831 N Longitude 103° 30' 58.422 W



Ridgeway Arizona Oil Corp

Roosevelt County , NM (NAD83)

Jennifer Chaveroo SAU 253H

Jennifer Chaveroo SAU 253H

Wellbore #1

Pre Plan #3

Anticollision Report

07 August, 2024

Anticollision Report

Company:	Ridgeway Arizona Oil Corp	Local Co-ordinate Reference:	Well Jennifer Chaveroo SAU 253H
Project:	Roosevelt County , NM (NAD83)	TVD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Reference Site:	Jennifer Chaveroo SAU 253H	MD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Jennifer Chaveroo SAU 253H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	edmdb
Reference Design:	Pre Plan #3	Offset TVD Reference:	Offset Datum

Reference	Pre Plan #3		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum centre distance of 1,000.00ft	Error Surface:	Pedal Curve
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program	Date 8/6/2024	
From (ft)	To (ft)	Survey (Wellbore)
0.00	10,055.82	Pre Plan #3 (Wellbore #1)
		Tool Name
		MWD
		Description
		MWD - Standard

Summary					
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Between Ellipses (ft)	Separation Factor
Offset Well - Wellbore - Design					Warning
Jennifer Chaveroo SAU 252H					
Jennifer Chaveroo SAU 252H - Wellbore #1 - Pre Plan #	216.63	216.73	40.01	39.17	47.832 CC
Jennifer Chaveroo SAU 252H - Wellbore #1 - Pre Plan #	400.00	399.19	40.27	38.67	25.095 ES
Jennifer Chaveroo SAU 252H - Wellbore #1 - Pre Plan #	3,600.00	3,597.68	170.82	141.67	5.860 SF
Jennifer Chaveroo SAU 254H					
Jennifer Chaveroo SAU 254H - Wellbore #1 - Pre Plan #	216.50	217.00	40.01	39.17	47.814 CC
Jennifer Chaveroo SAU 254H - Wellbore #1 - Pre Plan #	300.00	300.50	40.01	38.82	33.719 ES
Jennifer Chaveroo SAU 254H - Wellbore #1 - Pre Plan #	600.00	597.78	55.18	52.67	21.980 SF
Jennifer Chaveroo SAU 255H					
Jennifer Chaveroo SAU 255H - Wellbore #1 - Pre Plan #	216.60	216.80	80.01	79.18	95.653 CC
Jennifer Chaveroo SAU 255H - Wellbore #1 - Pre Plan #	300.00	300.00	80.01	78.83	67.495 ES
Jennifer Chaveroo SAU 255H - Wellbore #1 - Pre Plan #	3,650.00	3,650.12	887.96	860.77	32.655 SF

Offset Design:	Jennifer Chaveroo SAU 252H - Jennifer Chaveroo SAU 252H - Wellbore #1 - Pre Plan #3										Offset Site Error:	0.00 ft
Survey Program:	0-MWD										Offset Well Error:	0.00 ft
Reference	Offset	Semi Major Axis		Offset Wellbore Centre		Distance		Rule Assigned:				
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	0.10	0.10	0.00	0.00	-91.15	-0.80	-40.00	40.01	39.66	0.35	115.006
100.00	100.00	100.10	100.10	0.17	0.17	-91.15	-0.80	-40.00	40.01	39.24	0.77	52.178
200.00	200.00	200.10	200.10	0.38	0.38	-91.15	-0.80	-40.00	40.01	39.17	0.84	47.832 CC
216.63	216.63	216.73	216.73	0.42	0.42	-91.15	-0.80	-40.00	40.01	38.82	1.19	33.749
300.00	300.00	300.00	300.00	0.59	0.59	-91.15	-0.80	-40.00	40.01	38.67	1.60	25.095 ES
400.00	399.98	399.19	399.17	0.80	0.80	60.14	-2.12	-41.10	40.27	38.67	1.60	25.095 ES
500.00	499.84	498.27	498.11	1.02	1.02	60.97	-6.05	-44.41	41.07	39.03	2.03	20.202
600.00	599.45	597.34	596.81	1.25	1.25	62.30	-12.61	-49.91	42.41	39.92	2.49	17.063
700.00	698.70	696.40	695.13	1.52	1.51	64.01	-21.77	-57.60	44.31	41.33	2.98	14.856
800.00	797.47	795.43	792.97	1.82	1.80	66.00	-33.54	-67.47	46.82	43.27	3.55	13.195
900.00	895.62	894.44	890.18	2.17	2.15	68.15	-47.87	-79.50	49.94	45.74	4.20	11.886
1,000.00	993.06	993.41	986.66	2.57	2.54	70.35	-64.77	-93.68	53.70	48.74	4.96	10.825
1,100.00	1,089.64	1,092.35	1,082.29	3.02	2.99	72.53	-84.21	-109.99	58.12	52.28	5.84	9.954
1,200.00	1,185.27	1,191.25	1,176.94	3.54	3.50	74.61	-106.15	-128.40	63.19	56.35	6.84	9.237
1,300.00	1,280.37	1,290.99	1,271.80	4.10	4.05	76.35	-129.75	-148.20	68.76	60.83	7.94	8.666
1,400.00	1,375.48	1,390.81	1,366.74	4.66	4.62	77.83	-153.38	-168.03	74.39	65.33	9.06	8.209

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

Anticollision Report

Company:	Ridgeway Arizona Oil Corp	Local Co-ordinate Reference:	Well Jennifer Chaveroo SAU 253H
Project:	Roosevelt County , NM (NAD83)	TVD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Reference Site:	Jennifer Chaveroo SAU 253H	MD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Jennifer Chaveroo SAU 253H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	edmdb
Reference Design:	Pre Plan #3	Offset TVD Reference:	Offset Datum

Offset Design: Jennifer Chaveroo SAU 252H - Jennifer Chaveroo SAU 252H - Wellbore #1 - Pre Plan #3													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		Minimum Separation (ft)	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)				
1,500.00	1,470.59	1,490.64	1,461.68	5.23	5.20	79.10	-177.01	-187.86	80.06	69.85	10.21	7.841		
1,600.00	1,565.69	1,590.46	1,556.62	5.81	5.78	80.20	-200.64	-207.69	85.76	74.39	11.37	7.541		
1,700.00	1,660.80	1,690.29	1,651.56	6.40	6.36	81.16	-224.27	-227.51	91.50	78.95	12.55	7.293		
1,800.00	1,755.90	1,790.11	1,746.50	6.98	6.95	82.01	-247.90	-247.34	97.25	83.53	13.73	7.085		
1,900.00	1,851.01	1,889.94	1,841.44	7.57	7.54	82.76	-271.53	-267.17	103.02	88.11	14.91	6.909		
2,000.00	1,946.11	1,989.76	1,936.38	8.16	8.13	83.43	-295.16	-287.00	108.81	92.71	16.10	6.758		
2,100.00	2,041.22	2,089.59	2,031.31	8.75	8.73	84.04	-318.79	-306.83	114.62	97.32	17.30	6.627		
2,200.00	2,136.33	2,189.41	2,126.25	9.34	9.32	84.58	-342.42	-326.66	120.43	101.94	18.49	6.512		
2,300.00	2,231.43	2,289.23	2,221.19	9.94	9.92	85.08	-366.05	-346.48	126.25	106.56	19.69	6.412		
2,400.00	2,326.54	2,389.06	2,316.13	10.53	10.51	85.53	-389.68	-366.31	132.09	111.20	20.89	6.323		
2,500.00	2,421.64	2,488.88	2,411.07	11.13	11.11	85.95	-413.31	-386.14	137.93	115.84	22.09	6.243		
2,600.00	2,516.75	2,588.71	2,506.01	11.72	11.71	86.33	-436.95	-405.97	143.77	120.48	23.29	6.172		
2,700.00	2,612.37	2,689.66	2,602.44	12.24	12.25	86.64	-459.82	-425.16	149.40	125.03	24.36	6.132		
2,800.00	2,708.96	2,790.82	2,700.06	12.67	12.70	86.90	-480.13	-442.20	154.38	129.13	25.25	6.114		
2,900.00	2,806.39	2,892.04	2,798.61	13.06	13.10	87.11	-497.79	-457.03	158.72	132.67	26.05	6.093		
3,000.00	2,904.55	2,993.30	2,897.96	13.41	13.45	87.28	-512.79	-469.61	162.40	135.64	26.76	6.068		
3,100.00	3,003.31	3,094.61	2,997.98	13.72	13.77	87.42	-525.09	-479.93	165.42	138.03	27.39	6.040		
3,200.00	3,102.56	3,195.95	3,098.54	13.98	14.03	87.52	-534.68	-487.98	167.77	139.85	27.92	6.010		
3,300.00	3,202.18	3,297.32	3,199.51	14.19	14.25	87.59	-541.54	-493.73	169.45	141.10	28.35	5.977		
3,400.00	3,302.04	3,398.71	3,300.74	14.36	14.43	87.64	-545.66	-497.19	170.46	141.77	28.69	5.940		
3,500.00	3,402.02	3,500.10	3,402.12	14.49	14.55	-63.35	-547.03	-498.34	170.80	141.85	28.95	5.901		
3,514.30	3,416.32	3,514.40	3,416.42	14.50	14.57	-63.35	-547.03	-498.34	170.80	141.82	28.98	5.895		
3,587.78	3,489.80	3,586.98	3,489.00	14.58	14.64	-63.35	-547.03	-498.34	170.80	141.67	29.13	5.864		
3,600.00	3,502.02	3,597.68	3,499.70	14.59	14.65	-49.61	-546.97	-498.40	170.82	141.67	29.15	5.860 SF		
3,650.00	3,551.94	3,638.45	3,540.42	14.62	14.69	-49.94	-545.71	-499.64	171.20	142.05	29.15	5.874		
3,700.00	3,601.56	3,679.16	3,580.92	14.61	14.73	-50.70	-542.82	-502.51	172.04	143.06	28.99	5.935		
3,750.00	3,650.63	3,719.76	3,621.02	14.57	14.77	-51.89	-538.31	-506.97	173.43	144.75	28.68	6.048		
3,800.00	3,698.92	3,760.22	3,660.55	14.51	14.81	-53.45	-532.21	-513.01	175.45	147.24	28.21	6.220		
3,850.00	3,746.20	3,800.00	3,698.89	14.41	14.84	-55.32	-524.68	-520.47	178.24	150.68	27.56	6.466		
3,900.00	3,792.22	3,840.55	3,737.31	14.29	14.88	-57.51	-515.46	-529.60	181.95	155.13	26.81	6.786		
3,950.00	3,836.77	3,880.37	3,774.25	14.14	14.92	-59.87	-504.92	-540.03	186.71	160.80	25.91	7.206		
4,000.00	3,879.63	3,919.91	3,810.07	13.98	14.96	-62.34	-493.03	-551.81	192.69	167.77	24.92	7.733		
4,050.00	3,920.59	3,959.17	3,844.66	13.80	15.01	-64.86	-479.84	-564.87	200.00	176.11	23.88	8.374		
4,100.00	3,959.45	4,000.00	3,879.50	13.61	15.07	-67.50	-464.73	-579.84	208.74	185.80	22.94	9.098		
4,150.00	3,996.03	4,036.81	3,909.83	13.42	15.13	-69.74	-449.91	-594.51	218.95	197.03	21.93	9.986		
4,200.00	4,030.13	4,075.19	3,940.27	13.22	15.20	-71.99	-433.30	-610.96	230.70	209.55	21.14	10.912		
4,250.00	4,061.61	4,113.30	3,969.20	13.03	15.29	-74.05	-415.69	-628.40	243.95	223.38	20.56	11.862		
4,300.00	4,090.30	4,150.00	3,995.79	12.85	15.39	-75.81	-397.72	-646.20	258.67	238.43	20.24	12.777		
4,337.78	4,110.05	4,179.59	4,016.26	12.72	15.48	-77.15	-382.53	-661.23	270.74	250.51	20.23	13.385		
4,400.00	4,141.15	4,226.73	4,047.00	12.52	15.64	-80.34	-357.15	-686.37	292.72	272.25	20.47	14.300		
4,500.00	4,191.15	4,303.45	4,091.80	12.29	16.00	-83.63	-312.93	-730.16	332.80	311.33	21.46	15.505		
4,537.78	4,210.05	4,332.43	4,106.96	12.24	16.16	-84.35	-295.38	-747.54	349.08	327.10	21.98	15.883		
4,550.00	4,216.06	4,342.57	4,112.04	12.23	16.22	-84.09	-289.14	-753.72	354.44	332.28	22.16	15.993		
4,600.00	4,238.78	4,387.00	4,134.25	12.24	16.51	-83.37	-261.80	-780.79	376.26	353.28	22.99	16.369		
4,650.00	4,258.33	4,430.94	4,156.22	12.36	16.83	-83.05	-234.76	-807.57	397.92	373.96	23.96	16.609		
4,700.00	4,274.62	4,474.18	4,177.84	12.61	17.18	-83.05	-208.16	-833.91	419.52	394.52	25.01	16.775		
4,750.00	4,287.58	4,516.51	4,199.01	12.99	17.55	-83.27	-182.11	-859.71	441.22	415.09	26.13	16.885		
4,800.00	4,297.14	4,555.41	4,218.25	13.47	17.92	-83.47	-158.08	-883.50	463.24	435.88	27.36	16.934		
4,850.00	4,303.25	4,591.86	4,234.84	14.01	18.31	-83.46	-135.03	-906.33	485.94	457.31	28.63	16.975		
4,900.00	4,305.88	4,628.50	4,249.82	14.59	18.73	-83.36	-111.27	-929.86	509.30	479.31	29.99	16.981		
4,920.28	4,305.96	4,643.44	4,255.44	14.84	18.91	-83.30	-101.43	-939.60	518.95	488.51	30.44	17.050		
5,000.00	4,305.12	4,703.62	4,275.10	15.79	19.68	-86.00	-61.03	-979.61	558.95	526.50	32.44	17.229		

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

Anticollision Report

Company:	Ridgeway Arizona Oil Corp	Local Co-ordinate Reference:	Well Jennifer Chaveroo SAU 253H
Project:	Roosevelt County , NM (NAD83)	TVD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Reference Site:	Jennifer Chaveroo SAU 253H	MD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Jennifer Chaveroo SAU 253H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	edmdb
Reference Design:	Pre Plan #3	Offset TVD Reference:	Offset Datum

Offset Design: Jennifer Chaveroo SAU 252H - Jennifer Chaveroo SAU 252H - Wellbore #1 - Pre Plan #3													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		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		
5,100.00	4,304.07	4,782.08	4,293.45	16.95	20.82	-88.37	-6.86	-1,033.25	613.48	578.52	34.95	17.552		
5,200.00	4,303.02	4,862.05	4,303.46	18.17	22.08	-89.59	49.49	-1,089.05	671.60	634.03	37.57	17.876		
5,300.00	4,301.96	4,941.42	4,304.59	19.43	23.43	-89.77	105.85	-1,144.86	732.65	692.39	40.27	18.195		
5,400.00	4,300.91	5,049.45	4,299.74	20.73	25.27	-89.40	183.96	-1,219.33	795.00	751.73	43.27	18.372		
5,500.00	4,299.86	5,162.64	4,294.62	22.05	27.23	-89.08	268.93	-1,293.91	856.89	810.55	46.35	18.488		
5,600.00	4,298.81	5,280.37	4,289.27	23.39	29.28	-88.78	360.56	-1,367.63	918.20	868.70	49.50	18.551		
5,637.30	4,298.42	5,325.53	4,287.21	23.90	30.06	-88.68	396.55	-1,394.84	940.89	890.20	50.69	18.563		
5,677.51	4,298.00	5,375.29	4,284.94	24.46	30.92	-88.59	436.72	-1,424.11	964.99	913.00	51.99	18.560		
5,700.00	4,297.72	5,403.79	4,283.64	24.77	31.42	-88.39	459.97	-1,440.54	978.15	925.42	52.73	18.551		
5,732.81	4,297.14	5,446.41	4,281.70	25.21	32.15	-88.13	495.06	-1,464.65	996.77	942.97	53.80	18.528		

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

Anticollision Report

Company:	Ridgeway Arizona Oil Corp	Local Co-ordinate Reference:	Well Jennifer Chaveroo SAU 253H
Project:	Roosevelt County , NM (NAD83)	TVD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Reference Site:	Jennifer Chaveroo SAU 253H	MD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Jennifer Chaveroo SAU 253H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	edmdb
Reference Design:	Pre Plan #3	Offset TVD Reference:	Offset Datum

Offset Design: Jennifer Chaveroo SAU 254H - Jennifer Chaveroo SAU 254H - Wellbore #1 - Pre Plan #3												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		Minimum Separation (ft)	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)			
0.00	0.00	0.50	0.50	0.00	0.00	89.00	0.70	40.00	40.01				
100.00	100.00	100.50	100.50	0.17	0.17	89.00	0.70	40.00	40.01	39.66	0.35	114.724	
200.00	200.00	200.50	200.50	0.38	0.38	89.00	0.70	40.00	40.01	39.24	0.77	52.119	
216.50	216.50	217.00	217.00	0.42	0.42	89.00	0.70	40.00	40.01	39.17	0.84	47.814 CC	
300.00	300.00	300.50	300.50	0.59	0.59	89.00	0.70	40.00	40.01	38.82	1.19	33.719 ES	
400.00	399.98	400.00	399.98	0.80	0.80	-119.93	-0.83	40.85	41.70	40.09	1.61	25.945	
500.00	499.84	498.97	498.81	1.02	1.02	-119.76	-5.34	43.35	46.76	44.72	2.04	22.874	
600.00	599.45	597.78	597.25	1.25	1.25	-119.55	-12.82	47.50	55.18	52.67	2.51	21.980 SF	
700.00	698.70	696.10	694.84	1.52	1.51	-119.31	-23.21	53.25	66.92	63.90	3.02	22.138	
800.00	797.47	793.76	791.32	1.82	1.80	-119.06	-36.42	60.58	81.96	78.37	3.60	22.783	
900.00	895.62	890.62	886.45	2.17	2.13	-118.81	-52.36	69.41	100.26	96.01	4.25	23.608	
1,000.00	993.06	986.53	979.98	2.57	2.51	-118.54	-70.90	79.69	121.76	116.78	4.98	24.452	
1,100.00	1,089.64	1,081.37	1,071.72	3.02	2.94	-118.25	-91.92	91.34	146.40	140.60	5.80	25.238	
1,200.00	1,185.27	1,175.01	1,161.47	3.54	3.42	-117.95	-115.27	104.28	174.12	167.41	6.71	25.937	
1,300.00	1,280.37	1,269.82	1,251.67	4.10	3.94	-117.96	-140.80	118.44	203.69	195.99	7.70	26.454	
1,400.00	1,375.48	1,365.33	1,342.50	4.66	4.48	-117.94	-166.62	132.74	233.32	224.60	8.72	26.761	
1,500.00	1,470.59	1,460.84	1,433.34	5.23	5.02	-117.92	-192.43	147.05	262.94	253.19	9.75	26.962	
1,600.00	1,565.69	1,556.35	1,524.18	5.81	5.58	-117.91	-218.24	161.36	292.57	281.77	10.80	27.089	
1,700.00	1,660.80	1,651.86	1,615.01	6.40	6.14	-117.90	-244.06	175.67	322.19	310.34	11.86	27.174	
1,800.00	1,755.90	1,747.37	1,705.85	6.98	6.70	-117.89	-269.87	189.98	351.82	338.90	12.92	27.231	
1,900.00	1,851.01	1,842.88	1,796.69	7.57	7.26	-117.88	-295.69	204.29	381.44	367.45	13.99	27.269	
2,000.00	1,946.11	1,938.39	1,887.52	8.16	7.83	-117.88	-321.50	218.60	411.07	396.01	15.06	27.294	
2,100.00	2,041.22	2,033.90	1,978.36	8.75	8.40	-117.87	-347.31	232.91	440.69	424.55	16.14	27.310	
2,200.00	2,136.33	2,129.42	2,069.20	9.34	8.97	-117.87	-373.13	247.22	470.32	453.10	17.22	27.320	
2,300.00	2,231.43	2,224.93	2,160.03	9.94	9.54	-117.86	-398.94	261.53	499.94	481.64	18.30	27.325	
2,400.00	2,326.54	2,320.44	2,250.87	10.53	10.11	-117.86	-424.76	275.83	529.56	510.19	19.38	27.327	
2,500.00	2,421.64	2,415.95	2,341.70	11.13	10.68	-117.85	-450.57	290.14	559.19	538.73	20.46	27.327	
2,600.00	2,516.75	2,511.46	2,432.54	11.72	11.25	-117.85	-476.38	304.45	588.81	567.27	21.55	27.325	
2,700.00	2,612.37	2,608.00	2,524.36	12.24	11.82	-118.23	-502.47	318.91	617.65	595.07	22.58	27.358	
2,800.00	2,708.96	2,715.57	2,627.35	12.67	12.37	-118.43	-529.60	333.95	643.95	620.38	23.56	27.330	
2,900.00	2,806.39	2,824.68	2,732.93	13.06	12.84	-118.60	-553.65	347.28	666.91	642.49	24.43	27.302	
3,000.00	2,904.55	2,935.15	2,840.82	13.41	13.26	-118.74	-574.40	358.78	686.48	661.27	25.21	27.234	
3,100.00	3,003.31	3,046.79	2,950.69	13.72	13.63	-118.85	-591.66	368.35	702.58	676.69	25.89	27.134	
3,200.00	3,102.56	3,159.38	3,062.20	13.98	13.94	-118.94	-605.26	375.89	715.16	688.67	26.48	27.005	
3,300.00	3,202.18	3,272.70	3,174.96	14.19	14.21	-119.00	-615.06	381.32	724.17	697.20	26.97	26.849	
3,400.00	3,302.04	3,386.51	3,288.56	14.36	14.41	-119.04	-620.98	384.60	729.59	702.23	27.36	26.666	
3,500.00	3,402.02	3,500.57	3,402.59	14.49	14.56	89.95	-622.95	385.69	731.39	703.74	27.65	26.453	
3,505.66	3,407.67	3,507.03	3,409.04	14.49	14.57	89.94	-622.94	385.69	731.38	703.72	27.66	26.439	
3,587.78	3,489.80	3,588.28	3,490.30	14.58	14.65	89.95	-622.95	385.69	731.39	703.54	27.84	26.267	
3,600.00	3,502.02	3,600.50	3,502.52	14.59	14.66	103.70	-622.95	385.69	731.41	703.54	27.87	26.243	
3,650.00	3,551.94	3,645.24	3,547.25	14.62	14.70	103.79	-622.63	385.77	732.13	704.19	27.94	26.204	
3,700.00	3,601.56	3,685.54	3,587.48	14.61	14.72	103.82	-620.34	386.33	734.27	706.34	27.93	26.289	
3,750.00	3,650.63	3,725.86	3,627.53	14.57	14.72	103.77	-615.85	387.41	737.90	710.05	27.85	26.495	
3,800.00	3,698.92	3,766.17	3,667.25	14.51	14.70	103.64	-609.18	389.03	743.01	715.31	27.70	26.822	
3,850.00	3,746.20	3,806.45	3,706.48	14.41	14.66	103.44	-600.36	391.17	749.57	722.09	27.48	27.272	
3,900.00	3,792.22	3,850.00	3,748.26	14.29	14.59	103.19	-588.42	394.06	757.57	730.36	27.20	27.849	
3,950.00	3,836.77	3,886.79	3,782.91	14.14	14.51	102.80	-576.44	396.96	766.94	740.08	26.86	28.553	
4,000.00	3,879.63	3,926.82	3,819.85	13.98	14.42	102.36	-561.44	400.60	777.66	751.19	26.47	29.382	
4,050.00	3,920.59	3,966.75	3,855.77	13.80	14.31	101.85	-544.52	404.70	789.68	763.65	26.03	30.335	
4,100.00	3,959.45	4,006.57	3,890.57	13.61	14.19	101.26	-525.73	409.25	802.95	777.39	25.56	31.411	
4,150.00	3,996.03	4,050.00	3,927.25	13.42	14.05	100.65	-503.12	414.73	817.42	792.36	25.06	32.618	
4,200.00	4,030.13	4,085.88	3,956.43	13.22	13.92	99.87	-482.85	419.64	832.98	808.42	24.56	33.921	

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

Anticollision Report

Company:	Ridgeway Arizona Oil Corp	Local Co-ordinate Reference:	Well Jennifer Chaveroo SAU 253H
Project:	Roosevelt County , NM (NAD83)	TVD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Reference Site:	Jennifer Chaveroo SAU 253H	MD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Jennifer Chaveroo SAU 253H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	edmdb
Reference Design:	Pre Plan #3	Offset TVD Reference:	Offset Datum

Offset Design: Jennifer Chaveroo SAU 254H - Jennifer Chaveroo SAU 254H - Wellbore #1 - Pre Plan #3													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		
4,250.00	4,061.61	4,125.40	3,987.33	13.03	13.77	99.07	-458.90	425.44	849.61	825.57	24.04	35.335		
4,300.00	4,090.30	4,164.84	4,016.76	12.85	13.62	98.21	-433.39	431.62	867.22	843.68	23.54	36.838		
4,337.78	4,110.05	4,194.63	4,038.00	12.72	13.51	97.52	-413.10	436.54	881.14	857.96	23.17	38.022		
4,400.00	4,141.15	4,244.26	4,071.41	12.52	13.31	98.23	-377.45	445.18	904.76	882.14	22.62	39.996		
4,500.00	4,191.15	4,325.70	4,120.49	12.29	13.01	98.84	-314.33	460.47	943.77	921.84	21.93	43.041		
4,537.78	4,210.05	4,356.65	4,137.16	12.24	12.90	98.91	-288.99	466.61	958.77	937.04	21.73	44.117		
4,550.00	4,216.06	4,366.64	4,142.30	12.23	12.86	98.49	-280.66	468.63	963.67	941.99	21.68	44.449		
4,600.00	4,238.78	4,411.42	4,164.71	12.24	12.71	96.85	-242.99	477.76	984.05	962.49	21.56	45.653		

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Anticollision Report

Company:	Ridgeway Arizona Oil Corp	Local Co-ordinate Reference:	Well Jennifer Chaveroo SAU 253H
Project:	Roosevelt County , NM (NAD83)	TVD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Reference Site:	Jennifer Chaveroo SAU 253H	MD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Jennifer Chaveroo SAU 253H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	edmdb
Reference Design:	Pre Plan #3	Offset TVD Reference:	Offset Datum

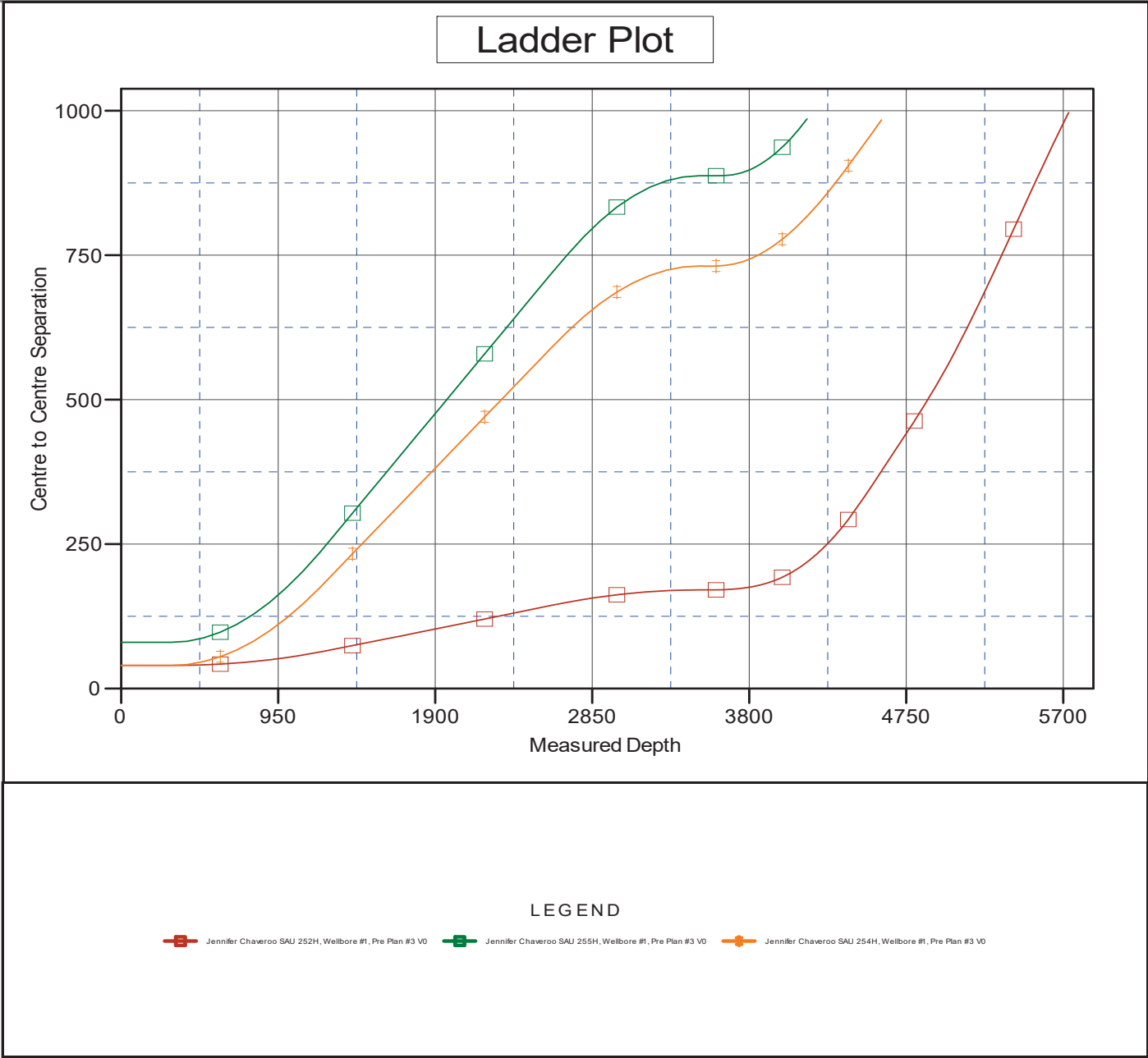
Offset Design: Jennifer Chaveroo SAU 255H - Jennifer Chaveroo SAU 255H - Wellbore #1 - Pre Plan #3												Offset Site Error:	0.00 ft
Survey Program: 0-MWD												Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance		Separation Factor	Warning	
Measured 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)			
0.00	0.00	0.20	0.20	0.00	0.00	88.93	1.50	80.00	80.01				
100.00	100.00	100.20	100.20	0.17	0.17	88.93	1.50	80.00	80.01	79.67	0.35	229.867	
200.00	200.00	200.20	200.20	0.38	0.38	88.93	1.50	80.00	80.01	79.25	0.77	104.325	
216.60	216.60	216.80	216.80	0.42	0.42	88.93	1.50	80.00	80.01	79.18	0.84	95.653 CC	
300.00	300.00	300.00	300.00	0.59	0.59	88.93	1.50	80.00	80.01	78.83	1.19	67.495 ES	
400.00	399.98	398.43	398.41	0.80	0.80	-120.16	0.20	81.09	81.97	80.36	1.61	51.047	
500.00	499.84	496.45	496.29	1.02	1.02	-120.39	-3.66	84.33	87.83	85.78	2.04	43.021	
600.00	599.45	594.02	593.50	1.25	1.24	-120.70	-10.05	89.69	97.56	95.06	2.50	38.974	
700.00	698.70	690.93	689.71	1.52	1.49	-121.02	-18.90	97.12	111.15	108.15	3.01	36.978	
800.00	797.47	786.97	784.63	1.82	1.78	-121.29	-30.13	106.54	128.55	124.99	3.56	36.078	
900.00	895.62	881.95	877.96	2.17	2.10	-121.49	-43.62	117.86	149.70	145.52	4.19	35.764	
1,000.00	993.06	975.69	969.44	2.57	2.47	-121.59	-59.26	130.98	174.54	169.66	4.88	35.753	
1,100.00	1,089.64	1,068.01	1,058.85	3.02	2.88	-121.61	-76.89	145.78	202.98	197.32	5.66	35.891	
1,200.00	1,185.27	1,158.78	1,145.97	3.54	3.34	-121.55	-96.37	162.12	234.93	228.43	6.51	36.098	
1,300.00	1,280.37	1,250.73	1,233.51	4.10	3.84	-121.81	-117.92	180.20	269.21	261.78	7.43	36.235	
1,400.00	1,375.48	1,344.60	1,322.79	4.66	4.37	-121.96	-140.14	198.85	303.67	295.28	8.40	36.171	
1,500.00	1,470.59	1,438.47	1,412.07	5.23	4.91	-122.08	-162.36	217.50	338.13	328.76	9.37	36.072	
1,600.00	1,565.69	1,532.35	1,501.35	5.81	5.46	-122.18	-184.58	236.14	372.59	362.22	10.37	35.935	
1,700.00	1,660.80	1,626.22	1,590.63	6.40	6.01	-122.27	-206.80	254.79	407.05	395.68	11.37	35.794	
1,800.00	1,755.90	1,720.09	1,679.91	6.98	6.57	-122.34	-229.03	273.43	441.52	429.13	12.38	35.656	
1,900.00	1,851.01	1,813.96	1,769.18	7.57	7.12	-122.40	-251.25	292.08	475.98	462.58	13.40	35.524	
2,000.00	1,946.11	1,907.84	1,858.46	8.16	7.68	-122.45	-273.47	310.73	510.44	496.02	14.42	35.399	
2,100.00	2,041.22	2,001.71	1,947.74	8.75	8.24	-122.50	-295.69	329.37	544.90	529.46	15.44	35.283	
2,200.00	2,136.33	2,095.58	2,037.02	9.34	8.81	-122.54	-317.91	348.02	579.37	562.90	16.47	35.175	
2,300.00	2,231.43	2,189.46	2,126.30	9.94	9.37	-122.57	-340.13	366.67	613.83	596.33	17.50	35.075	
2,400.00	2,326.54	2,283.33	2,215.58	10.53	9.93	-122.60	-362.36	385.31	648.29	629.76	18.53	34.982	
2,500.00	2,421.64	2,377.20	2,304.85	11.13	10.50	-122.63	-384.58	403.96	682.76	663.19	19.57	34.896	
2,600.00	2,516.75	2,471.08	2,394.13	11.72	11.07	-122.66	-406.80	422.60	717.22	696.62	20.60	34.817	
2,700.00	2,612.37	2,565.26	2,483.71	12.24	11.63	-123.16	-429.09	441.31	750.80	729.22	21.58	34.794	
2,800.00	2,708.96	2,670.80	2,584.34	12.67	12.22	-123.42	-453.44	461.74	782.16	759.61	22.55	34.681	
2,900.00	2,806.39	2,784.60	2,694.03	13.06	12.74	-123.60	-476.65	481.22	809.75	786.27	23.47	34.497	
3,000.00	2,904.55	2,900.49	2,806.87	13.41	13.21	-123.76	-496.85	498.16	833.30	809.00	24.30	34.297	
3,100.00	3,003.31	3,018.18	2,922.46	13.72	13.62	-123.88	-513.76	512.36	852.71	827.69	25.02	34.082	
3,200.00	3,102.56	3,137.36	3,040.34	13.98	13.96	-123.98	-527.17	523.61	867.90	842.26	25.64	33.847	
3,300.00	3,202.18	3,257.67	3,159.98	14.19	14.25	-124.05	-536.88	531.76	878.80	852.64	26.16	33.593	
3,400.00	3,302.04	3,378.76	3,280.82	14.36	14.47	-124.09	-542.76	536.69	885.36	858.79	26.57	33.318	
3,500.00	3,402.02	3,500.24	3,402.26	14.49	14.63	84.90	-544.73	538.34	887.55	860.67	26.88	33.019	
3,507.25	3,409.26	3,509.05	3,411.07	14.50	14.64	84.90	-544.72	538.33	887.54	860.64	26.90	32.994	
3,587.78	3,489.80	3,587.98	3,490.00	14.58	14.72	84.90	-544.73	538.34	887.55	860.47	27.08	32.773	
3,600.00	3,502.02	3,600.20	3,502.22	14.59	14.74	98.65	-544.73	538.34	887.56	860.46	27.11	32.741	
3,650.00	3,551.94	3,650.12	3,552.14	14.62	14.79	98.79	-544.73	538.34	887.96	860.77	27.19	32.655 SF	
3,700.00	3,601.56	3,682.96	3,584.97	14.61	14.82	98.92	-544.57	538.50	889.24	862.03	27.20	32.687	
3,750.00	3,650.63	3,700.00	3,602.00	14.57	14.84	98.83	-544.12	538.94	892.46	865.33	27.13	32.901	
3,800.00	3,698.92	3,733.56	3,635.47	14.51	14.87	98.86	-542.40	540.64	897.46	870.45	27.01	33.225	
3,850.00	3,746.20	3,750.00	3,651.82	14.41	14.89	98.55	-541.15	541.87	904.54	877.74	26.80	33.757	
3,900.00	3,792.22	3,782.85	3,684.33	14.29	14.92	98.44	-537.85	545.12	913.39	886.83	26.56	34.384	
3,950.00	3,836.77	3,800.00	3,701.22	14.14	14.94	97.92	-535.71	547.24	924.26	898.03	26.24	35.228	
4,000.00	3,879.63	3,830.18	3,730.73	13.98	14.96	97.60	-531.24	551.64	936.91	911.01	25.90	36.168	
4,050.00	3,920.59	3,850.00	3,749.97	13.80	14.98	96.92	-527.82	555.01	951.44	925.93	25.50	37.305	
4,100.00	3,959.45	3,874.96	3,773.98	13.61	15.00	96.28	-522.99	559.78	967.73	942.64	25.09	38.572	
4,150.00	3,996.03	3,900.00	3,797.83	13.42	15.03	95.54	-517.54	565.15	985.76	961.09	24.66	39.970	

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Anticollision Report

Company:	Ridgeway Arizona Oil Corp	Local Co-ordinate Reference:	Well Jennifer Chaveroo SAU 253H
Project:	Roosevelt County , NM (NAD83)	TVD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Reference Site:	Jennifer Chaveroo SAU 253H	MD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Jennifer Chaveroo SAU 253H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	edmdb
Reference Design:	Pre Plan #3	Offset TVD Reference:	Offset Datum

Reference Depths are relative to GL 4318.1' + RKB 17' @ 4335.10ft	Coordinates are relative to: Jennifer Chaveroo SAU 253H
Offset Depths are relative to Offset Datum	Coordinate System is US State Plane 1983, New Mexico Eastern Zone
Central Meridian is 104° 20' 0.000 W	Grid Convergence at Surface is: 0.45°



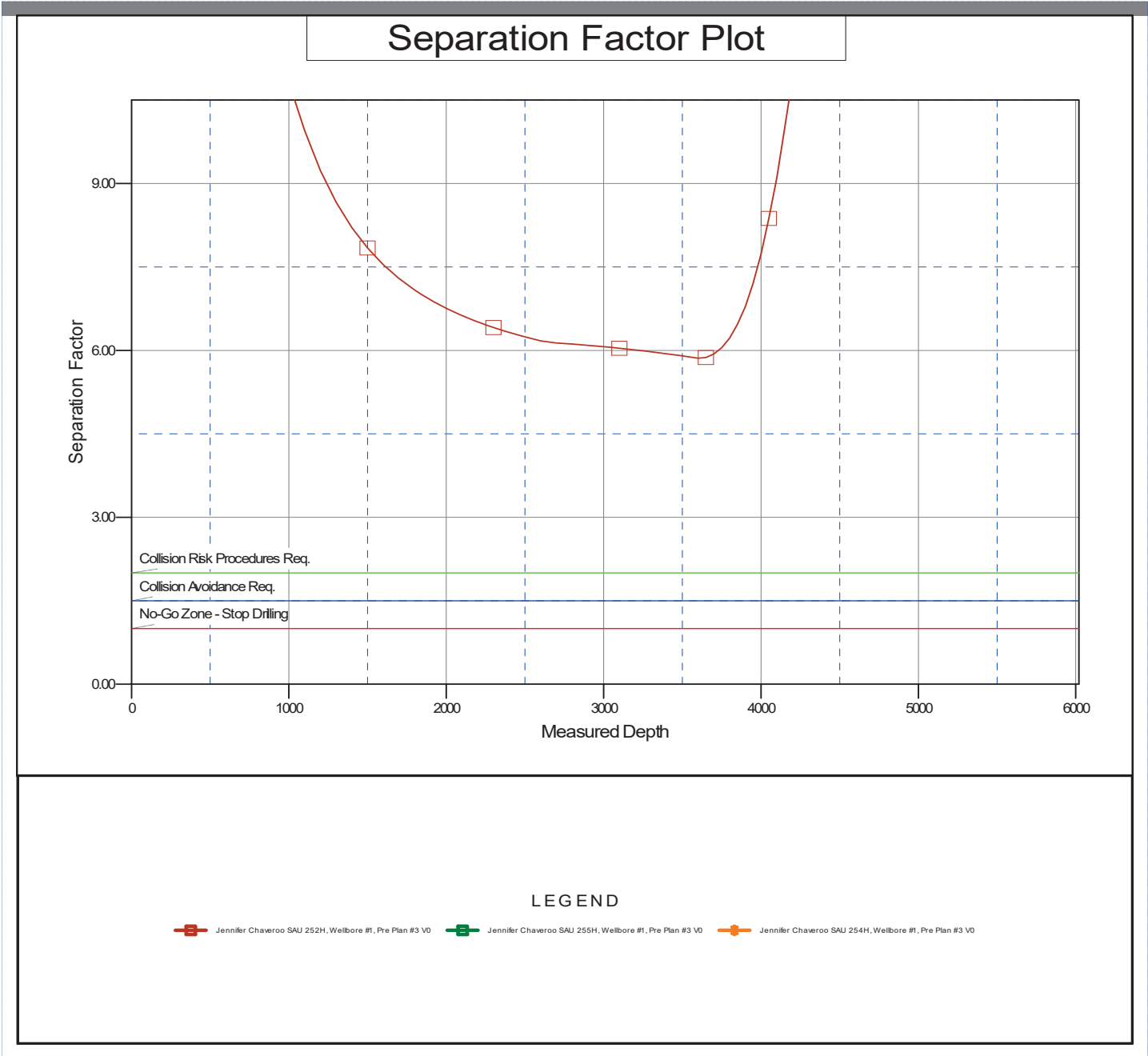
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Anticollision Report

Company:	Ridgeway Arizona Oil Corp	Local Co-ordinate Reference:	Well Jennifer Chaveroo SAU 253H
Project:	Roosevelt County , NM (NAD83)	TVD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Reference Site:	Jennifer Chaveroo SAU 253H	MD Reference:	GL 4318.1' + RKB 17' @ 4335.10ft
Site Error:	0.00 ft	North Reference:	Grid
Reference Well:	Jennifer Chaveroo SAU 253H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	edmdb
Reference Design:	Pre Plan #3	Offset TVD Reference:	Offset Datum

Reference Depths are relative to GL 4318.1' + RKB 17' @ 4335.10ft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: Jennifer Chaveroo SAU 253H
Coordinate System is US State Plane 1983, New Mexico Eastern Zone
Grid Convergence at Surface is: 0.45°



State of New Mexico
Energy, Minerals and Natural Resources Department

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

Submit Electronically
Via E-permitting

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description Effective May 25, 2021

I. Operator: RIDGEWAY ARIZONA OIL CORP **OGRID:** 164557 **Date:** 8/27/2024

II. Type: ☒ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: _____

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
JENNIFER CSAU 252H	TBD	B-36-07S-33E	150' FNL & 2040' FEL	300 BBL/D	350 MCF/D	3000 BBL/D
JENNIFER CSAU 253H	TBD	B-36-07S-33E	150' FNL & 2000' FEL	300 BBL/D	350 MCF/D	3000 BBL/D
JENNIFER CSAU 254H	TBD	B-36-07S-33E	150' FNL & 1960' FEL	300 BBL/D	350 MCF/D	3000 BBL/D
JENNIFER CSAU 255H	TBD	B-36-07S-33E	150' FNL & 1920' FEL	300 BBL/D	350 MCF/D	3000 BBL/D

IV. Central Delivery Point Name: Jennifer CSAU Battery (Targa Sales Meter) [See 19.15.27.9(D)(1) NMAC]

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
JENNIFER CSAU 252H	TBD	10/15/2024	10/26/2024	12/10/2024	12/30/2024	1/4/2025
JENNIFER CSAU 253H	TBD	10/27/2024	11/7/2024	12/10/2024	12/30/2024	1/4/2025
JENNIFER CSAU 254H	TBD	11/8/2024	11/19/2024	12/10/2024	12/30/2024	1/4/2025
JENNIFER CSAU 255H	TBD	11/20/2024	12/1/2024	12/10/2024	12/30/2024	1/4/2025

VI. Separation Equipment: ☒ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

VII. Operational Practices: ☒ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

VIII. Best Management Practices: ☒ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Section 2 – Enhanced Plan
EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

☒ Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF
JENNIFER CSAU 252H	TBD	160 MCFD	60,000
JENNIFER CSAU 253H	TBD	160 MCFD	60,000
JENNIFER CSAU 254H	TBD	160 MCFD	60,000
JENNIFER CSAU 255H	TBD	160 MCFD	60,000

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in
Targa	Saunders	B-36-07S-33E	12/30/2024	4000 MCFD

XI. Map. ☐ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system ☒ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator ☒ does ☐ does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

XIV. Confidentiality: ☒ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

Section 3 - Certifications

Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

☒ Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system.

If Operator checks this box, Operator will select one of the following:

Well Shut-In. ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. ☐ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- (a) power generation on lease;
- (b) power generation for grid;
- (c) compression on lease;
- (d) liquids removal on lease;
- (e) reinjection for underground storage;
- (f) reinjection for temporary storage;
- (g) reinjection for enhanced oil recovery;
- (h) fuel cell production; and
- (i) other alternative beneficial uses approved by the division.

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature: 
Printed Name: Charles Hinojosa
Title: Operations Manager
E-mail Address: chinojosa@pedevco.com
Date: 8/30/2024
Phone: 713-574-7913
OIL CONSERVATION DIVISION (Only applicable when submitted as a standalone form)
Approved By:
Title:
Approval Date:
Conditions of Approval:

Natural Gas Management Plan Attachments

Section VI Separation Equipment:

Separator:	6 x 15 Separator
Heater Treater:	6 x 20 75#
Scrubber:	24 x 5 125#
Flare:	4" x 40' with combustion and auto ignite

Equipment designed for 1000 MCFD handling capacity for 100% gas capture. Expected production of 350 MCFD.

Gas production flow diagram is attached.

Section VII Operational Practices per NMAC 19.15.27.8 A through F:

- No natural gas is expected to be produced during drilling operations.
- No natural gas is expected to be produced during completion operations.
- Tanks to be equipped with automatic gauging equipment to minimize venting.
- Flare stack located minimum distance of 100' from tankage and will be equipped with an automatic ignition system.
- Flare will be properly metered per API MPMS Chapter 14.10 to report flared volumes.
- Wells will be connected to a sales line which will accept the produced gas volumes when line pressures allow.
- Heater treater will consume approximately 15 MCFD for beneficial use when burner utilized.
- All inspection records will be kept for a minimum of five years.

Section VIII Best Management Practices:

- Tankage, gauging equipment, meters and flares will be routinely visually inspected by company personnel during all production operations.
- Oil sales will be trucked therefore during sales all equipment will be inspected visually for facility condition.
- Full facility inspections will be conducted and documented annually.
- Maintenance and cleanouts will be conducted annually at a minimum and more frequently should inspections determine a need for equipment cleanouts.

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☒ Initial Submittal
			☐ Amended Report
			☐ As Drilled

WELL LOCATION INFORMATION

API Number 30-041-20993	Pool Code	Pool Name
Property Code	Property Name JENNIFER CHAVEROO SAN ANDRES UNIT	Well Number 253H
OGRID No.	Operator Name RIDGEWAY ARIZONA OIL CORP.	Ground Level Elevation 4318.1'
Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	36	7-S	33-E		150' FNL	2000' FEL	33.671342 33°40'16.83"	-103.516228 -103°30'58.42"	ROOSEVELT

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	25	7-S	33-E		50' FNL	2640' FWL	33.686128 33°41'10.06"	-103.518230 -103°31'05.63"	ROOSEVELT

Dedicated Acres 160	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	25	7-S	33-E		100' FSL	2640' FWL	33.672010 33°40'19.24"	-103.518317 -103°31'05.94"	ROOSEVELT

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	25	7-S	33-E		100' FNL	2640' FWL	33.685991 33°41'09.57"	-103.518231 -103°31'05.63"	ROOSEVELT

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.


Signature

09/26/2024
Date

Nathan Alleman

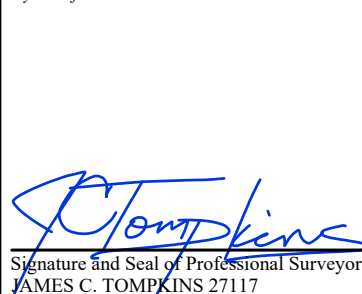
Printed Name

nate.alleman@aceadvisors.com

Email Address

SURVEYOR CERTIFICATIONS

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


Signature and Seal of Professional Surveyor
JAMES C. TOMPKINS 27117

Date 09/25/2024

Job. No.: WTC-56445

Draft: FH!

Certificate Number

27117

Date of Survey

MAY 16, 2024

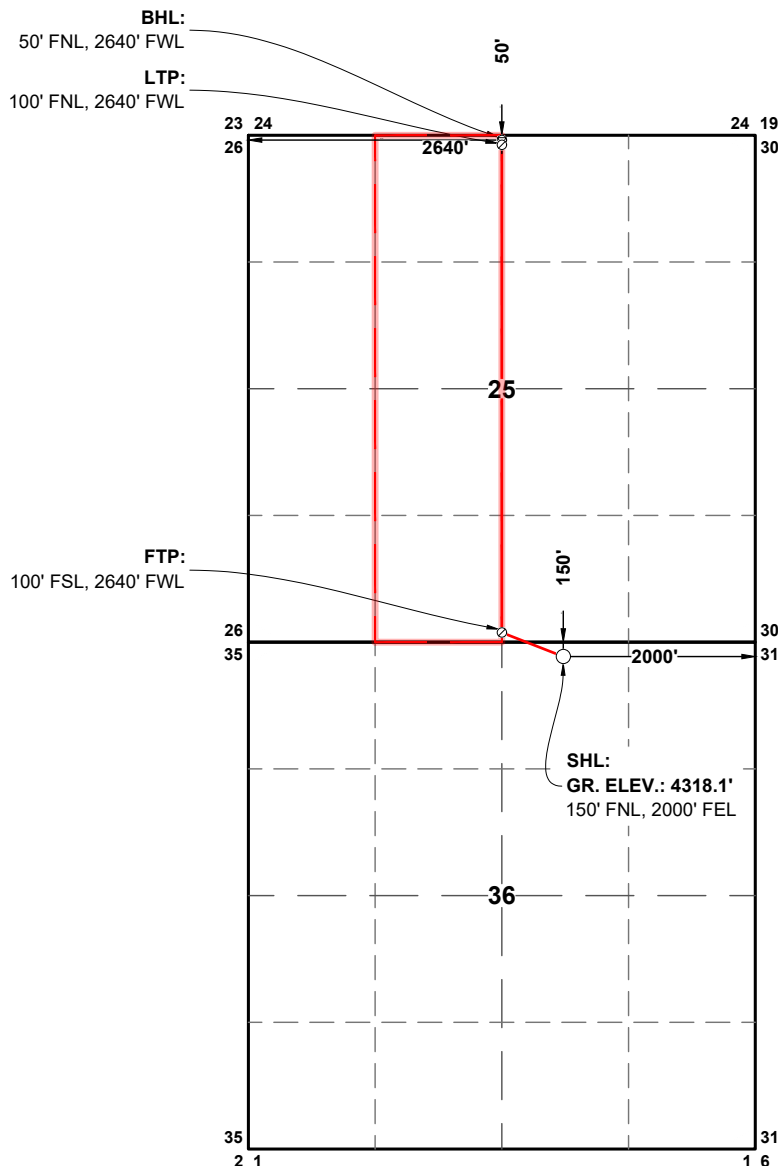


Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



JCSAU 253H
SHL: GR. ELEV. 4318.1'
NMSP-E (NAD 83)
N.(Y): = 972784.1'
E.(X): = 789931.7'
LAT.: = 33.6713419° N
LON.: = 103.5162284° W
NMSP-E (NAD 27)
N.(Y): = 972719.5'
E.(X): = 748755.4'
LAT.: = 33.6712462° N
LON.: = 103.5157176° W

FTP JCSAU 253H
NMSP-E (NAD 83)
N.(Y): = 973022.2'
E.(X): = 789294.2'
LAT.: = 33.6720100° N
LON.: = 103.5183174° W
NMSP-E (NAD 27)
N.(Y): = 972957.6'
E.(X): = 748117.9'
LAT.: = 33.6719143° N
LON.: = 103.5178065° W

LTP JCSAU 253H
NMSP-E (NAD 83)
N.(Y): = 978109.7'
E.(X): = 789280.4'
LAT.: = 33.6859907° N
LON.: = 103.5182307° W
NMSP-E (NAD 27)
N.(Y): = 978045.2'
E.(X): = 748104.2'
LAT.: = 33.6858956° N
LON.: = 103.5177197° W

BHL JCSAU 253H
NMSP-E (NAD 83)
N.(Y): = 978159.7'
E.(X): = 789280.3'
LAT.: = 33.6861281° N
LON.: = 103.5182299° W
NMSP-E (NAD 27)
N.(Y): = 978095.2'
E.(X): = 748104.0'
LAT.: = 33.6860330° N
LON.: = 103.5177189° W

SECTION: 36, T-7-S, R-33-E, N.M.P.M.
COUNTY: ROOSEVELT **STATE:** NEW MEXICO
DESCRIPTION: 150' FNL, 2000' FEL
OPERATOR: RIDGEWAY ARIZONA OIL CORP.
WELL NAME: JENNIFER CHAVEROO SAN ANDRES UNIT 253H

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
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 381320

CONDITIONS

Operator: RIDGEWAY ARIZONA OIL CORP. 575 N. Dairy Ashford Houston, TX 77079	OGRID: 164557
	Action Number: 381320
	Action Type: [C-101] Drilling Non-Federal/Indian (APD)

CONDITIONS

Created By	Condition	Condition Date
pkautz	Will require a administrative order for non-standard location prior to placing the well on production	9/26/2024
pkautz	Notify OCD 24 hours prior to casing & cement	9/26/2024
pkautz	Will require a File As Drilled C-102 and a Directional Survey with the C-104	9/26/2024
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string	9/26/2024
pkautz	Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system	9/26/2024
pkautz	Cement is required to circulate on both surface and production strings of casing	9/26/2024
pkautz	If cement does not circulate on any string, a CBL is required for that string of casing	9/26/2024
pkautz	The Operator is to notify NMOCDD by sundry (Form C-103) within ten (10) days of the well being spud	9/26/2024