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

State of New Mexico
Energy, Minerals & Natural Resources

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

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number
Caza Operating LLC 200 N. Lorraine St. #1550, Midland, TX 79701	249099
	[3] Reason for Filing Code/ Effective Date NW

[4] API Number	[5] Pool Name	[6] Pool Code
30 - 0 25-47486	WC-025 G-08 S203506D; Bone Spring	97983

[7] Property Code	[8] Property Name	[9] Well Number
328897	Talon 5-8 Federal	5H

II. [10] Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
L2	5	20S	35E		285	North	1455	East	Lea

[11] Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	8	20S	35E		2539	North	413	East	Lea

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
F	P	12/23/2021			

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] O/G/W
34053	Plains Marketing, LP 333 Clay St. #1600, Houston, TX 77002	O
703107	Lucid Energy Group, LLC3100 McKinnon Street, Suite 800 Dallas, TX 88240	G
371643	Solaris Midstream LLC 9811 Katy Freeway Suite 700 Houston, TX 77024 United States	W

IV. Well Completion Data

[21] Spud Date	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
6/2/2021	12/23/2021	18803	18722	11414-18722	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
17.5	13.375	2093	1500
12.25	9.625	5540	1795
8.75	5.5	18738	3280
	2.875	11249	

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
12/24/2021	12/28/2021	01/03/2022	24hrs	758	500
[37] Choke Size	**[38] Oil**	**[39] Water**	**[40] Gas**		**[41] Test Method**
30/64	773	1552	744		P

[42] I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.
Signature:

Printed name: Steve Morris

Title: Engineer

E-mail Address: steve.morris@morcorengineering.com

Date: 1/4/2021 Phone: 985-415-9729

OIL CONSERVATION DIVISION

Approved by: John Garcia

Title: Petroleum Specialist Supervisor

Approval Date: 2/3/23

Well is part of an NOV

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr,. Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-47486	97983	WC-025 G-08 S203506D; Bone Spring

[4] Property Code	Property Name	[6] Well Number
328897	TALON 5-8 STATE FED COM	5H

[7] OGRID No.	[8] Operator Name	[9] Elevation
249099	CAZA OPERATING LLC	3695'

[10] Surface Location

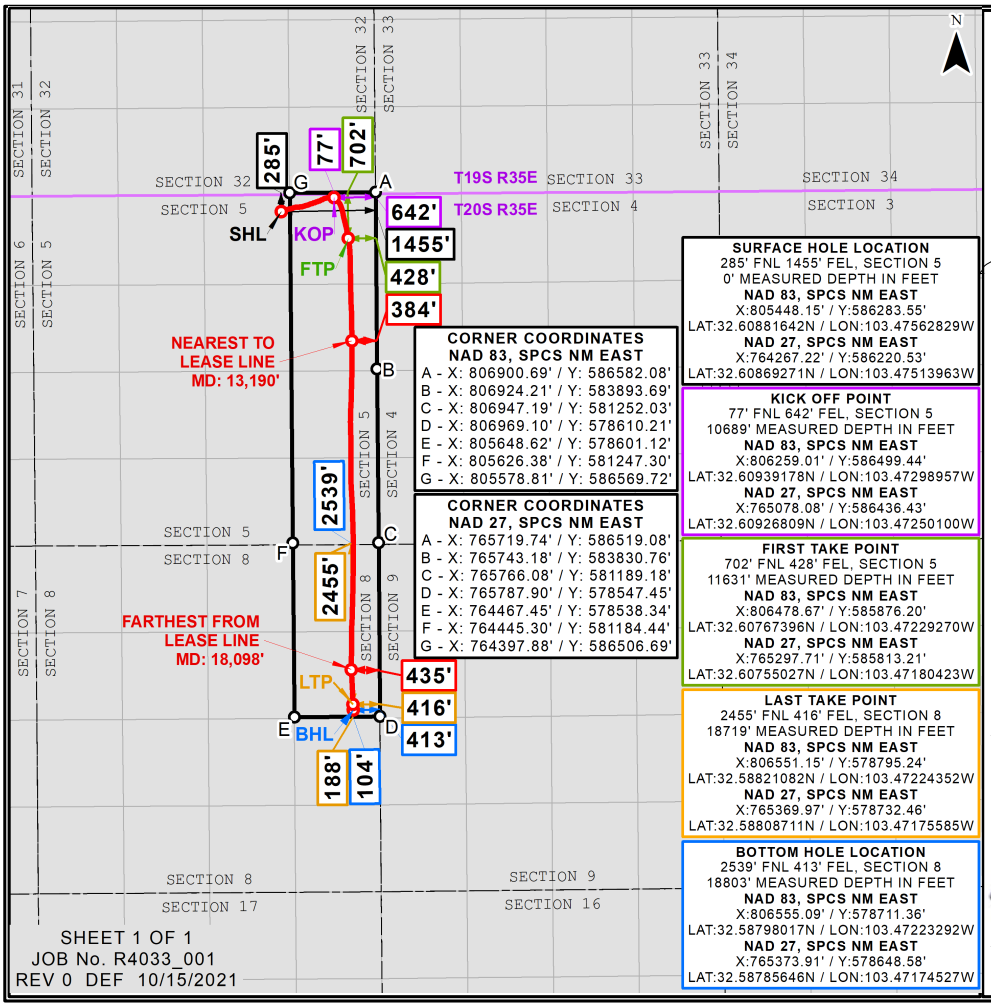
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L 2	5	20S	35E		285	NORTH	1455	EAST	LEA

[11] [11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	8	20S	35E		2539	NORTH	413	EAST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
241.46			

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.



CORNER COORDINATES NAD 83, SPCS NM EAST
A - X: 806900.69' / Y: 586582.08'
B - X: 806924.21' / Y: 583893.69'
C - X: 806947.19' / Y: 581252.03'
D - X: 806969.10' / Y: 578610.21'
E - X: 805648.62' / Y: 578601.12'
F - X: 805626.38' / Y: 581247.30'
G - X: 805578.81' / Y: 586569.72'

CORNER COORDINATES NAD 27, SPCS NM EAST
A - X: 765719.74' / Y: 586519.08'
B - X: 765743.18' / Y: 583830.76'
C - X: 765766.08' / Y: 581189.18'
D - X: 765787.90' / Y: 578547.45'
E - X: 764467.45' / Y: 578538.34'
F - X: 764445.30' / Y: 581184.44'
G - X: 764397.88' / Y: 586506.69'

SURFACE HOLE LOCATION
285' FNL 1455' FEL, SECTION 5
0' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:805448.15' / Y:586283.55'
LAT:32.60881642N / LON:103.47562829W
NAD 27, SPCS NM EAST
X:764267.22' / Y:586220.53'
LAT:32.60869271N / LON:103.47513963W

KICK OFF POINT
77' FNL 642' FEL, SECTION 5
10689' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:806259.01' / Y:586499.44'
LAT:32.60939178N / LON:103.47298957W
NAD 27, SPCS NM EAST
X:765078.08' / Y:586436.43'
LAT:32.60926809N / LON:103.47250100W

FIRST TAKE POINT
702' FNL 428' FEL, SECTION 5
11631' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:806478.67' / Y:585876.20'
LAT:32.60767396N / LON:103.47229270W
NAD 27, SPCS NM EAST
X:765297.71' / Y:585813.21'
LAT:32.60755027N / LON:103.47180423W

LAST TAKE POINT
2455' FNL 416' FEL, SECTION 8
18719' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:806551.15' / Y:578795.24'
LAT:32.58821082N / LON:103.47224352W
NAD 27, SPCS NM EAST
X:765369.97' / Y:578732.46'
LAT:32.58808711N / LON:103.47175585W

BOTTOM HOLE LOCATION
2539' FNL 413' FEL, SECTION 8
18803' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:806555.09' / Y:578711.36'
LAT:32.58798017N / LON:103.47223292W
NAD 27, SPCS NM EAST
X:765373.91' / Y:578648.58'
LAT:32.58785646N / LON:103.47174527W

SHEET 1 OF 1
JOB No. R4033_001
REV 0 DEF 10/15/2021

[17] OPERATOR CERTIFICATION

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

10/24/2021
Signature Date

Steve Morris
Printed Name

steve.morris@morcorengineering.com
E-mail Address

[18] SURVEYOR CERTIFICATION

I hereby certify that the well surface location shown on this plat was plotted from field notes of the as-staked surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Data used for underground measurements were provided by others for reference only and does not constitute field measurements performed by R-Squared Global.

OCTOBER 22, 2021
Date of Survey

Signature and Seal of Professional Surveyor:

DAVID W. MYERS NEW MEXICO 11403 PROFESSIONAL SURVEYOR

Certificate Number
DAVID W. MYERS 11403

Distances/areas relative to NAD 83 Combined Scale Factor: 0.999981205 Convergence Angle: 00°26'57.22001"

☐ Horizontal Spacing Unit

ALTITUDE ENERGY PARTNERS LLC.
SURVEY DATA CERTIFICATION

ALTITUDE JOB NUMBER			OPERATOR		
WELL NAME			COUNTY & STATE		
API WELL NUMBER				PROPOSED DIRECTION	
Latitude		Longitude			

TIE-IN DATA						
MEASURED DEPTH	VERTICAL DEPTH	INCLIN	AZIMUTH	N-S COORD	E-W COORD	DATA SOURCE

FIRST SURVEY DATE	FIRST SURVEY DEPTH	INCLIN	AZIMUTH		SURVEY INSTRUMENT TYPE	
					MWD	

				MAGNETIC DECLINATION OR TOTAL GRID	
LAST SURVEY DATE	LAST SURVEY DEPTH	INCLIN	AZIMUTH	TOTAL CORRECTION USED	
				DECLINATION OR GRID	

PROJECTED TD SURVEY DATE	PROJECTED TD SURVEY DEPTH	INCLIN	AZIMUTH

The data and calculations for this survey have been checked by me and conform to the calibration standards and operational procedures set forth by Altitude Energy Partners LLC. I am authorized and qualified to review the data, calculations and this report, and that the report represents a true and correct Directional Survey of this well based on the original data corrected to True North and obtained at the well site. Wellbore coordinates are calculated using Minimum curvature or other method.

PRINT MWD NAME ABOVE

SIGN MWD NAME ABOVE

TODAY'S DATE

7197 Derrick Dr. Casper, WY 82604 307-237-2372

Caza Operating LLC

Lea Co., NM
Talon 5-8 Fed Pad
Talon 5-8 State Fed Com 5H

ST01

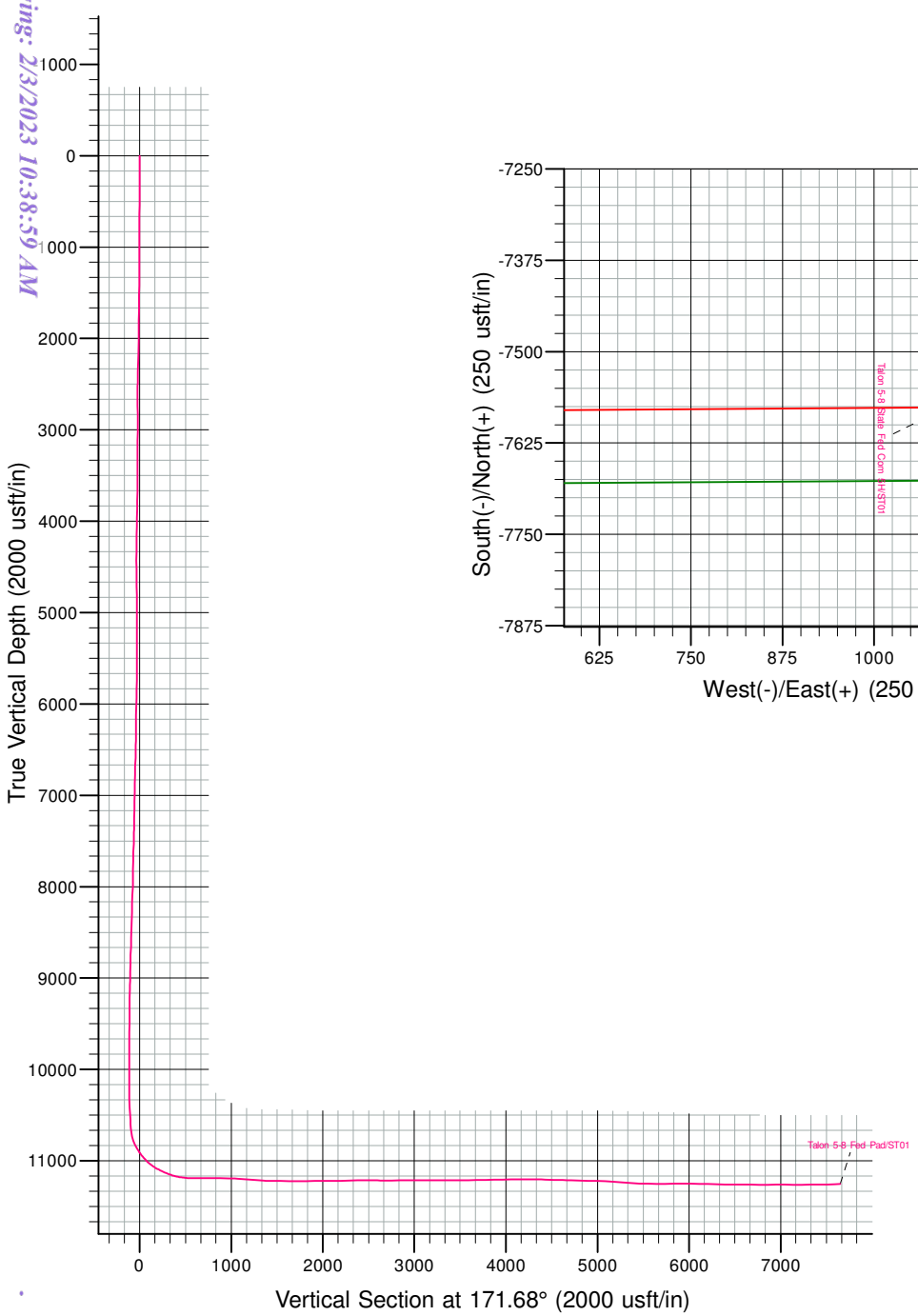
Design: ST01

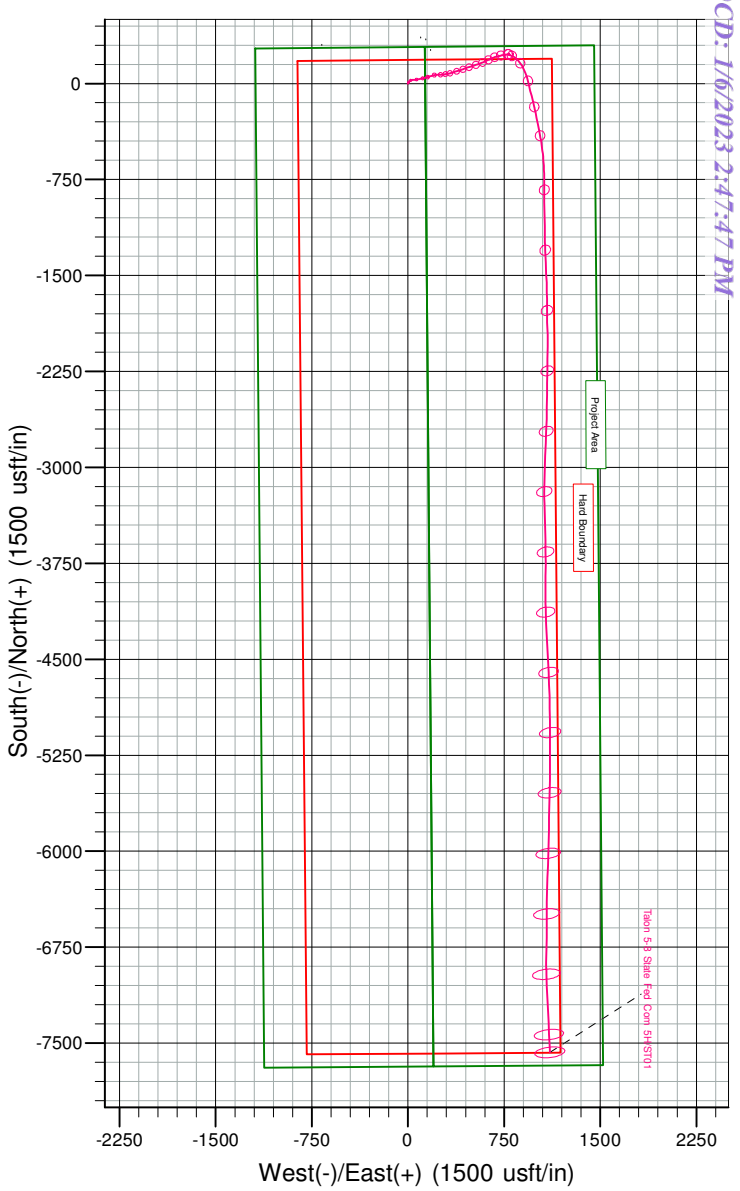
Standard Survey Report

04 January, 2022

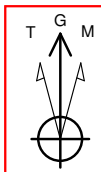
Caza Petroleum

Project: Lea Co., NM
Site: Talon 5-8 Fed Pad
Well: Talon 5-8 State Fed Com 5H
Wellbore: ST01
Design: ST01
Lat: 32.608816
Long: -103.475628
GL: 3693.00
KB: KB=23.6' @ 3716.60usft (Citadel 4)





Design: ST01 (Talon 5-8 State Fed Com 5H/ST01)
Created By: Dusty Moyer Date: 10:06, January 04 2022



Azimuths to Grid North
True North: -0.16°
Magnetic North: 8.52°

Magnetic Field
Strength: 47879.7nT
Dip Angle: 60.18°
Date: 5/25/2021
Model: HDGM2021

Survey Report

Company:	Caza Operating LLC	**Local Co-ordinate Reference:**	Well Talon 5-8 State Fed Com 5H
Project:	Lea Co., NM	**TVD Reference:**	KB=23.6' @ 3716.60usft (Citadel 4)
Site:	Talon 5-8 Fed Pad	**MD Reference:**	KB=23.6' @ 3716.60usft (Citadel 4)
Well:	Talon 5-8 State Fed Com 5H	**North Reference:**	Grid
Wellbore:	ST01	**Survey Calculation Method:**	Minimum Curvature
Design:	ST01	**Database:**	FHartmann

Project Lea Co., NM

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site Talon 5-8 Fed Pad

Site Position:		**Northing:**	586,388.50 usft	**Latitude:**	32.609105
From:	Map	**Easting:**	805,447.28 usft	**Longitude:**	-103.475629
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "		

Well Talon 5-8 State Fed Com 5H

Well Position	**+N/-S**	0.00 usft	**Northing:**	586,283.55 usft	**Latitude:**	32.608817
	+E/-W	0.00 usft	**Easting:**	805,448.15 usft	**Longitude:**	-103.475629
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	usft	**Ground Level:**	3,693.00 usft
Grid Convergence:		0.46 °				

Wellbore ST01

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021	5/25/2021	6.38	60.48	47,879.70000000

Design ST01

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	10,012.00

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	171.68

Survey Program **Date** 1/4/2022

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
144.00	10,012.00	MWD Survey (Pilot Hole)	MWD+HRGM	OWSG MWD + HDGM
10,091.00	18,803.00	Survey #1 (ST01)	MWD+HRGM	OWSG MWD + HDGM

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144.00	0.31	318.99	144.00	0.29	-0.26	-0.33	0.22	0.22	0.00
236.00	0.31	314.50	236.00	0.66	-0.60	-0.74	0.03	0.00	-4.88
328.00	0.40	348.17	328.00	1.14	-0.84	-1.25	0.24	0.10	36.60
419.00	0.04	326.46	419.00	1.48	-0.92	-1.60	0.40	-0.40	-23.86
541.00	0.09	23.67	541.00	1.61	-0.91	-1.72	0.06	0.04	46.89
636.00	0.35	25.87	635.99	1.94	-0.75	-2.02	0.27	0.27	2.32
759.00	0.18	131.78	758.99	2.14	-0.44	-2.19	0.35	-0.14	86.11
853.00	0.40	58.83	852.99	2.22	-0.05	-2.20	0.41	0.23	-77.61

Survey Report

Company:	Caza Operating LLC	**Local Co-ordinate Reference:**	Well Talon 5-8 State Fed Com 5H
Project:	Lea Co., NM	**TVD Reference:**	KB=23.6' @ 3716.60usft (Citadel 4)
Site:	Talon 5-8 Fed Pad	**MD Reference:**	KB=23.6' @ 3716.60usft (Citadel 4)
Well:	Talon 5-8 State Fed Com 5H	**North Reference:**	Grid
Wellbore:	ST01	**Survey Calculation Method:**	Minimum Curvature
Design:	ST01	**Database:**	FHartmann

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
948.00	0.31	1.61	947.99	2.64	0.24	-2.58	0.37	-0.09	-60.23
1,042.00	0.35	7.15	1,041.99	3.18	0.28	-3.11	0.05	0.04	5.89
1,137.00	0.48	53.91	1,136.99	3.71	0.64	-3.57	0.37	0.14	49.22
1,231.00	0.70	32.02	1,230.98	4.42	1.26	-4.20	0.33	0.23	-23.29
1,326.00	0.57	18.75	1,325.98	5.36	1.72	-5.06	0.21	-0.14	-13.97
1,421.00	0.70	38.88	1,420.97	6.26	2.24	-5.87	0.27	0.14	21.19
1,515.00	0.66	13.04	1,514.96	7.24	2.72	-6.77	0.33	-0.04	-27.49
1,610.00	0.26	30.09	1,609.96	7.96	2.95	-7.45	0.44	-0.42	17.95
1,704.00	0.48	47.49	1,703.96	8.41	3.35	-7.83	0.26	0.23	18.51
1,799.00	1.01	33.69	1,798.95	9.37	4.11	-8.68	0.59	0.56	-14.53
1,893.00	0.75	23.15	1,892.94	10.63	4.81	-9.82	0.32	-0.28	-11.21
1,988.00	1.23	27.89	1,987.93	12.10	5.53	-11.17	0.51	0.51	4.99
2,030.00	1.98	50.57	2,029.91	12.96	6.30	-11.91	2.31	1.79	54.00
2,175.00	2.29	54.61	2,174.81	16.23	10.60	-14.53	0.24	0.21	2.79
2,269.00	2.42	49.34	2,268.73	18.61	13.63	-16.44	0.27	0.14	-5.61
2,363.00	2.73	52.24	2,362.63	21.27	16.91	-18.60	0.36	0.33	3.09
2,458.00	2.68	52.06	2,457.53	24.02	20.45	-20.81	0.05	-0.05	-0.19
2,553.00	4.57	74.12	2,552.34	26.43	25.84	-22.41	2.44	1.99	23.22
2,647.00	6.55	82.12	2,645.89	28.19	34.76	-22.86	2.26	2.11	8.51
2,742.00	6.64	85.11	2,740.26	29.40	45.60	-22.49	0.37	0.09	3.15
2,836.00	6.99	85.55	2,833.60	30.30	56.71	-21.78	0.38	0.37	0.47
2,931.00	5.41	82.47	2,928.04	31.34	66.92	-21.33	1.70	-1.66	-3.24
3,026.00	5.27	77.64	3,022.63	32.86	75.62	-21.58	0.50	-0.15	-5.08
3,120.00	5.98	79.13	3,116.18	34.71	84.64	-22.10	0.77	0.76	1.59
3,214.00	6.11	77.11	3,209.65	36.75	94.33	-22.72	0.27	0.14	-2.15
3,309.00	6.51	77.29	3,304.08	39.06	104.51	-23.53	0.42	0.42	0.19
3,404.00	6.99	77.46	3,398.42	41.50	115.41	-24.37	0.51	0.51	0.18
3,498.00	5.19	80.63	3,491.89	43.43	125.19	-24.87	1.95	-1.91	3.37
3,593.00	4.35	79.75	3,586.56	44.77	132.97	-25.07	0.89	-0.88	-0.93
3,687.00	4.22	77.29	3,680.29	46.17	139.85	-25.46	0.24	-0.14	-2.62
3,782.00	4.48	72.19	3,775.02	48.07	146.79	-26.33	0.49	0.27	-5.37
3,876.00	3.96	73.33	3,868.76	50.13	153.40	-27.41	0.56	-0.55	1.21
3,970.00	4.44	69.90	3,962.51	52.31	159.93	-28.63	0.58	0.51	-3.65
4,065.00	7.56	72.01	4,056.98	55.50	169.32	-30.43	3.29	3.28	2.22
4,159.00	7.56	73.16	4,150.16	59.21	181.12	-32.38	0.16	0.00	1.22
4,253.00	7.65	73.42	4,243.34	62.78	193.04	-34.20	0.10	0.10	0.28
4,348.00	7.91	73.95	4,337.46	66.39	205.38	-35.99	0.28	0.27	0.56
4,442.00	7.38	85.37	4,430.63	68.67	217.62	-36.47	1.71	-0.56	12.15
4,536.00	6.07	94.78	4,523.99	68.74	228.59	-34.95	1.82	-1.39	10.01
4,631.00	5.19	92.05	4,618.53	68.17	237.89	-33.04	0.97	-0.93	-2.87
4,725.00	5.01	85.20	4,712.15	68.36	246.23	-32.03	0.68	-0.19	-7.29
4,820.00	5.05	87.04	4,806.79	68.92	254.53	-31.38	0.17	0.04	1.94
4,914.00	4.88	86.16	4,900.44	69.41	262.66	-30.68	0.20	-0.18	-0.94

Survey Report

Company:	Caza Operating LLC	**Local Co-ordinate Reference:**	Well Talon 5-8 State Fed Com 5H
Project:	Lea Co., NM	**TVD Reference:**	KB=23.6' @ 3716.60usft (Citadel 4)
Site:	Talon 5-8 Fed Pad	**MD Reference:**	KB=23.6' @ 3716.60usft (Citadel 4)
Well:	Talon 5-8 State Fed Com 5H	**North Reference:**	Grid
Wellbore:	ST01	**Survey Calculation Method:**	Minimum Curvature
Design:	ST01	**Database:**	FHartmann

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,009.00	4.53	81.59	4,995.12	70.23	270.40	-30.37	0.54	-0.37	-4.81
5,103.00	4.35	80.71	5,088.83	71.34	277.59	-30.44	0.20	-0.19	-0.94
5,197.00	4.48	81.95	5,182.56	72.43	284.74	-30.48	0.17	0.14	1.32
5,292.00	4.18	79.22	5,277.28	73.60	291.82	-30.62	0.38	-0.32	-2.87
5,387.00	4.00	80.01	5,372.04	74.82	298.48	-30.86	0.20	-0.19	0.83
5,480.00	4.00	84.05	5,464.82	75.72	304.90	-30.82	0.30	0.00	4.34
5,575.00	4.22	82.47	5,559.57	76.52	311.66	-30.64	0.26	0.23	-1.66
5,668.00	4.48	79.31	5,652.30	77.65	318.62	-30.74	0.38	0.28	-3.40
5,763.00	6.77	72.72	5,746.84	80.00	327.62	-31.77	2.50	2.41	-6.94
5,857.00	6.86	72.98	5,840.18	83.29	338.28	-33.48	0.10	0.10	0.28
5,952.00	6.68	72.98	5,934.51	86.56	348.99	-35.17	0.19	-0.19	0.00
6,047.00	6.46	73.68	6,028.89	89.68	359.40	-36.75	0.25	-0.23	0.74
6,141.00	6.42	73.33	6,122.30	92.68	369.51	-38.25	0.06	-0.04	-0.37
6,236.00	6.20	74.30	6,216.72	95.59	379.53	-39.68	0.26	-0.23	1.02
6,330.00	5.85	74.47	6,310.20	98.24	389.04	-40.94	0.37	-0.37	0.18
6,425.00	5.67	77.20	6,404.72	100.58	398.28	-41.91	0.35	-0.19	2.87
6,519.00	6.68	69.64	6,498.18	103.51	407.93	-43.42	1.38	1.07	-8.04
6,613.00	6.95	68.23	6,591.51	107.52	418.34	-45.88	0.34	0.29	-1.50
6,708.00	6.77	67.71	6,685.83	111.78	428.86	-48.57	0.20	-0.19	-0.55
6,802.00	6.37	69.64	6,779.22	115.69	438.87	-51.00	0.49	-0.43	2.05
6,897.00	6.24	70.43	6,873.64	119.26	448.68	-53.10	0.16	-0.14	0.83
6,991.00	6.02	72.28	6,967.10	122.47	458.19	-54.91	0.31	-0.23	1.97
7,086.00	5.67	73.51	7,061.61	125.32	467.43	-56.39	0.39	-0.37	1.29
7,180.00	6.15	71.57	7,155.11	128.23	476.66	-57.93	0.55	0.51	-2.06
7,275.00	6.15	72.45	7,249.56	131.37	486.34	-59.64	0.10	0.00	0.93
7,370.00	5.89	72.54	7,344.04	134.37	495.84	-61.23	0.27	-0.27	0.09
7,465.00	8.00	70.43	7,438.34	138.04	506.72	-63.30	2.24	2.22	-2.22
7,559.00	7.69	71.05	7,531.46	142.28	518.83	-65.73	0.34	-0.33	0.66
7,653.00	7.30	70.34	7,624.65	146.33	530.41	-68.07	0.43	-0.41	-0.76
7,748.00	6.64	71.40	7,718.95	150.11	541.30	-70.24	0.71	-0.69	1.12
7,842.00	6.42	72.10	7,812.34	153.46	551.45	-72.08	0.25	-0.23	0.74
7,936.00	5.89	73.68	7,905.80	156.43	561.08	-73.63	0.59	-0.56	1.68
8,030.00	6.68	66.39	7,999.24	159.98	570.72	-75.74	1.19	0.84	-7.76
8,125.00	7.43	65.69	8,093.52	164.72	581.38	-78.89	0.79	0.79	-0.74
8,218.00	7.21	65.51	8,185.76	169.61	592.17	-82.17	0.24	-0.24	-0.19
8,313.00	6.07	65.86	8,280.12	174.14	602.18	-85.20	1.20	-1.20	0.37
8,407.00	5.45	67.79	8,373.64	177.86	610.85	-87.63	0.69	-0.66	2.05
8,502.00	6.29	64.54	8,468.14	181.80	619.72	-90.25	0.95	0.88	-3.42
8,596.00	5.36	64.46	8,561.66	185.91	628.33	-93.07	0.99	-0.99	-0.09
8,691.00	6.68	68.50	8,656.13	189.85	637.48	-95.64	1.46	1.39	4.25
8,785.00	6.11	68.32	8,749.55	193.70	647.21	-98.04	0.61	-0.61	-0.19
8,879.00	6.59	67.88	8,842.97	197.58	656.86	-100.49	0.51	0.51	-0.47
8,974.00	6.42	66.74	8,937.36	201.73	666.79	-103.16	0.22	-0.18	-1.20

Survey Report

Company:	Caza Operating LLC	**Local Co-ordinate Reference:**	Well Talon 5-8 State Fed Com 5H
Project:	Lea Co., NM	**TVD Reference:**	KB=23.6' @ 3716.60usft (Citadel 4)
Site:	Talon 5-8 Fed Pad	**MD Reference:**	KB=23.6' @ 3716.60usft (Citadel 4)
Well:	Talon 5-8 State Fed Com 5H	**North Reference:**	Grid
Wellbore:	ST01	**Survey Calculation Method:**	Minimum Curvature
Design:	ST01	**Database:**	FHartmann

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,068.00	5.58	64.37	9,030.84	205.78	675.74	-105.87	0.93	-0.89	-2.52
9,162.00	6.90	74.83	9,124.29	209.23	685.31	-107.91	1.85	1.40	11.13
9,256.00	6.77	78.52	9,217.62	211.81	696.19	-108.88	0.49	-0.14	3.93
9,350.00	5.67	75.88	9,311.07	214.05	706.12	-109.66	1.21	-1.17	-2.81
9,445.00	5.63	77.99	9,405.60	216.16	715.23	-110.43	0.22	-0.04	2.22
9,540.00	6.86	69.82	9,500.04	219.09	725.11	-111.90	1.59	1.29	-8.60
9,634.00	7.60	81.24	9,593.30	221.97	736.53	-113.10	1.72	0.79	12.15
9,729.00	6.64	82.82	9,687.56	223.62	748.18	-113.04	1.03	-1.01	1.66
9,823.00	5.85	79.22	9,781.01	225.19	758.28	-113.14	0.94	-0.84	-3.83
9,917.00	6.68	81.77	9,874.44	226.87	768.40	-113.34	0.93	0.88	2.71
10,012.00	6.07	81.33	9,968.86	228.42	778.83	-113.36	0.64	-0.64	-0.46
Tie on to Pilot Hole									
10,091.00	5.54	85.29	10,047.45	229.36	786.76	-113.15	0.84	-0.67	5.01
First ST01 Survey									
10,135.00	2.29	101.63	10,091.34	229.36	789.74	-112.71	7.74	-7.39	37.14
10,183.00	1.45	290.07	10,139.33	229.38	790.11	-112.68	7.77	-1.75	-357.42
10,274.00	1.76	269.15	10,230.30	229.75	787.63	-113.40	0.72	0.34	-22.99
10,366.00	1.89	184.25	10,322.27	228.22	786.11	-112.11	2.68	0.14	-92.28
10,458.00	3.60	133.01	10,414.17	224.73	788.11	-108.37	3.08	1.86	-55.70
10,550.00	5.76	110.25	10,505.86	221.16	794.55	-103.91	3.05	2.35	-24.74
10,595.00	5.93	105.06	10,550.63	219.78	798.92	-101.90	1.23	0.38	-11.53
10,644.00	8.09	108.40	10,599.26	218.03	804.63	-99.35	4.48	4.41	6.82
10,689.00	8.75	109.46	10,643.78	215.89	810.86	-96.33	1.51	1.47	2.36
10,738.00	13.85	117.54	10,691.81	211.93	819.58	-91.16	10.87	10.41	16.49
10,783.00	20.04	121.76	10,734.84	205.38	830.93	-83.03	14.02	13.76	9.38
10,832.00	25.14	130.55	10,780.08	194.18	845.99	-69.77	12.46	10.41	17.94
10,877.00	28.57	140.04	10,820.24	179.71	860.17	-53.40	12.18	7.62	21.09
10,927.00	33.10	145.58	10,863.17	159.27	875.58	-30.94	10.68	9.06	11.08
10,972.00	36.26	149.36	10,900.17	137.68	889.31	-7.59	8.49	7.02	8.40
11,021.00	39.56	154.10	10,938.84	111.16	903.52	20.70	8.98	6.73	9.67
11,066.00	42.20	156.83	10,972.86	84.37	915.73	48.98	7.08	5.87	6.07
11,115.00	46.15	162.10	11,008.01	52.40	927.64	82.33	11.00	8.06	10.76
11,159.00	50.86	165.97	11,037.16	20.72	936.66	114.98	12.57	10.70	8.80
11,209.00	56.18	167.02	11,066.88	-18.36	946.04	155.00	10.77	10.64	2.10
11,254.00	61.85	166.58	11,090.03	-55.90	954.85	193.43	12.63	12.60	-0.98
11,303.00	65.01	166.32	11,111.95	-98.50	965.12	237.06	6.47	6.45	-0.53
11,348.00	66.24	166.41	11,130.52	-138.33	974.78	277.88	2.74	2.73	0.20
11,397.00	69.63	166.94	11,148.92	-182.51	985.24	323.11	6.99	6.92	1.08
11,442.00	73.76	168.17	11,163.05	-224.22	994.44	365.71	9.54	9.18	2.73
11,491.00	79.03	168.96	11,174.58	-270.89	1,003.87	413.25	10.87	10.76	1.61
11,536.00	82.29	169.13	11,181.88	-314.48	1,012.31	457.60	7.25	7.24	0.38
11,586.00	85.58	168.52	11,187.16	-363.25	1,021.95	507.25	6.69	6.58	-1.22
11,631.00	88.22	169.48	11,189.59	-407.35	1,030.52	552.13	6.24	5.87	2.13
11,680.00	90.02	170.54	11,190.35	-455.60	1,039.02	601.10	4.26	3.67	2.16

Survey Report

Company:	Caza Operating LLC	**Local Co-ordinate Reference:**	Well Talon 5-8 State Fed Com 5H
Project:	Lea Co., NM	**TVD Reference:**	KB=23.6' @ 3716.60usft (Citadel 4)
Site:	Talon 5-8 Fed Pad	**MD Reference:**	KB=23.6' @ 3716.60usft (Citadel 4)
Well:	Talon 5-8 State Fed Com 5H	**North Reference:**	Grid
Wellbore:	ST01	**Survey Calculation Method:**	Minimum Curvature
Design:	ST01	**Database:**	FHartmann

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
11,774.00	89.85	173.88	11,190.45	-548.72	1,051.76	695.08	3.56	-0.18	3.55
11,868.00	90.42	176.87	11,190.23	-642.40	1,059.34	788.88	3.24	0.61	3.18
11,962.00	88.88	179.42	11,190.81	-736.34	1,062.38	882.27	3.17	-1.64	2.71
12,057.00	88.70	179.06	11,192.81	-831.31	1,063.64	976.42	0.42	-0.19	-0.38
12,152.00	86.86	179.94	11,196.49	-926.23	1,064.47	1,070.46	2.15	-1.94	0.93
12,247.00	85.45	179.33	11,202.86	-1,021.01	1,065.07	1,164.33	1.62	-1.48	-0.64
12,341.00	85.23	179.06	11,210.50	-1,114.69	1,066.39	1,257.22	0.37	-0.23	-0.29
12,435.00	86.81	179.15	11,217.02	-1,208.45	1,067.85	1,350.20	1.68	1.68	0.10
12,529.00	89.19	178.01	11,220.30	-1,302.36	1,070.18	1,443.46	2.81	2.53	-1.21
12,623.00	89.45	177.39	11,221.42	-1,396.27	1,073.95	1,536.93	0.72	0.28	-0.66
12,718.00	89.63	176.52	11,222.18	-1,491.13	1,079.00	1,631.53	0.94	0.19	-0.92
12,812.00	89.71	178.54	11,222.72	-1,585.04	1,083.05	1,725.03	2.15	0.09	2.15
12,906.00	90.64	180.21	11,222.44	-1,679.03	1,084.07	1,818.18	2.03	0.99	1.78
13,001.00	90.55	179.24	11,221.45	-1,774.02	1,084.53	1,912.24	1.03	-0.09	-1.02
13,095.00	90.20	178.19	11,220.83	-1,868.00	1,086.64	2,005.53	1.18	-0.37	-1.12
13,190.00	91.08	179.24	11,219.77	-1,962.96	1,088.77	2,099.81	1.44	0.93	1.11
13,284.00	90.51	180.82	11,218.47	-2,056.95	1,088.72	2,192.80	1.79	-0.61	1.68
13,379.00	91.12	180.56	11,217.12	-2,151.93	1,087.57	2,286.62	0.70	0.64	-0.27
13,473.00	91.30	180.12	11,215.13	-2,245.91	1,087.02	2,379.53	0.51	0.19	-0.47
13,568.00	91.03	180.12	11,213.20	-2,340.89	1,086.82	2,473.48	0.28	-0.28	0.00
13,662.00	87.52	181.09	11,214.39	-2,434.86	1,085.83	2,566.32	3.87	-3.73	1.03
13,756.00	89.58	181.61	11,216.77	-2,528.80	1,083.61	2,658.95	2.26	2.19	0.55
13,851.00	90.68	181.53	11,216.55	-2,623.76	1,081.01	2,752.54	1.16	1.16	-0.08
13,945.00	91.43	181.61	11,214.82	-2,717.71	1,078.43	2,845.12	0.80	0.80	0.09
14,040.00	90.02	182.23	11,213.62	-2,812.65	1,075.25	2,938.60	1.62	-1.48	0.65
14,134.00	90.77	182.58	11,212.97	-2,906.56	1,071.31	3,030.96	0.88	0.80	0.37
14,228.00	89.89	181.79	11,212.43	-3,000.49	1,067.72	3,123.38	1.26	-0.94	-0.84
14,323.00	90.33	181.53	11,212.25	-3,095.45	1,064.97	3,216.94	0.54	0.46	-0.27
14,417.00	89.27	179.77	11,212.58	-3,189.44	1,063.91	3,309.79	2.19	-1.13	-1.87
14,511.00	89.85	177.92	11,213.30	-3,283.41	1,065.80	3,403.05	2.06	0.62	-1.97
14,606.00	90.51	178.54	11,213.00	-3,378.37	1,068.73	3,497.43	0.95	0.69	0.65
14,700.00	90.59	178.89	11,212.10	-3,472.34	1,070.84	3,590.71	0.38	0.09	0.37
14,795.00	91.69	179.24	11,210.21	-3,567.30	1,072.39	3,684.91	1.22	1.16	0.37
14,889.00	90.11	179.42	11,208.73	-3,661.28	1,073.49	3,778.06	1.69	-1.68	0.19
14,982.00	90.81	180.12	11,207.98	-3,754.28	1,073.86	3,870.13	1.06	0.75	0.75
15,076.00	90.81	180.91	11,206.66	-3,848.26	1,073.02	3,963.00	0.84	0.00	0.84
15,171.00	90.55	179.86	11,205.53	-3,943.25	1,072.38	4,056.90	1.14	-0.27	-1.11
15,265.00	91.12	179.50	11,204.16	-4,037.24	1,072.91	4,149.98	0.72	0.61	-0.38
15,359.00	89.89	177.83	11,203.33	-4,131.21	1,075.10	4,243.27	2.21	-1.31	-1.78
15,453.00	89.01	177.39	11,204.23	-4,225.12	1,079.02	4,336.76	1.05	-0.94	-0.47
15,548.00	87.74	177.31	11,206.93	-4,319.98	1,083.41	4,431.26	1.34	-1.34	-0.08
15,642.00	88.66	177.39	11,209.88	-4,413.83	1,087.75	4,524.75	0.98	0.98	0.09
15,736.00	89.35	177.13	11,211.51	-4,507.71	1,092.24	4,618.29	0.78	0.73	-0.28

Survey Report

Company:	Caza Operating LLC	**Local Co-ordinate Reference:**	Well Talon 5-8 State Fed Com 5H
Project:	Lea Co., NM	**TVD Reference:**	KB=23.6' @ 3716.60usft (Citadel 4)
Site:	Talon 5-8 Fed Pad	**MD Reference:**	KB=23.6' @ 3716.60usft (Citadel 4)
Well:	Talon 5-8 State Fed Com 5H	**North Reference:**	Grid
Wellbore:	ST01	**Survey Calculation Method:**	Minimum Curvature
Design:	ST01	**Database:**	FHartmann

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
15,831.00	88.21	177.57	11,213.53	-4,602.58	1,096.63	4,712.81	1.29	-1.20	0.46
15,925.00	88.63	178.01	11,216.13	-4,696.48	1,100.26	4,806.24	0.65	0.45	0.47
16,019.00	88.75	177.83	11,218.27	-4,790.39	1,103.67	4,899.66	0.23	0.13	-0.19
16,114.00	87.60	178.89	11,221.30	-4,885.30	1,106.39	4,993.96	1.65	-1.21	1.12
16,208.00	87.08	178.89	11,225.66	-4,979.18	1,108.21	5,087.12	0.55	-0.55	0.00
16,302.00	86.42	180.03	11,230.99	-5,073.02	1,109.09	5,180.10	1.40	-0.70	1.21
16,396.00	86.15	179.86	11,237.08	-5,166.83	1,109.18	5,272.93	0.34	-0.29	-0.18
16,490.00	86.20	180.21	11,243.35	-5,260.62	1,109.12	5,365.72	0.38	0.05	0.37
16,585.00	87.56	180.65	11,248.52	-5,355.47	1,108.41	5,459.48	1.50	1.43	0.46
16,679.00	89.27	181.44	11,251.12	-5,449.42	1,106.70	5,552.19	2.00	1.82	0.84
16,773.00	89.10	181.17	11,252.46	-5,543.38	1,104.56	5,644.85	0.34	-0.18	-0.29
16,868.00	91.16	181.26	11,252.25	-5,638.36	1,102.54	5,738.54	2.17	2.17	0.09
16,963.00	91.69	180.82	11,249.88	-5,733.31	1,100.82	5,832.24	0.73	0.56	-0.46
17,058.00	89.89	181.26	11,248.57	-5,828.28	1,099.09	5,925.97	1.95	-1.89	0.46
17,153.00	88.44	181.26	11,249.96	-5,923.25	1,097.01	6,019.63	1.53	-1.53	0.00
17,247.00	89.01	181.61	11,252.05	-6,017.19	1,094.65	6,112.25	0.71	0.61	0.37
17,342.00	88.44	181.88	11,254.16	-6,112.12	1,091.76	6,205.76	0.66	-0.60	0.28
17,437.00	88.09	182.14	11,257.04	-6,207.02	1,088.43	6,299.18	0.46	-0.37	0.27
17,531.00	88.31	181.70	11,259.99	-6,300.92	1,085.28	6,391.64	0.52	0.23	-0.47
17,626.00	89.80	180.47	11,261.56	-6,395.89	1,083.48	6,485.35	2.03	1.57	-1.29
17,721.00	89.89	180.21	11,261.82	-6,490.89	1,082.92	6,579.26	0.29	0.09	-0.27
17,815.00	89.89	180.56	11,262.00	-6,584.88	1,082.29	6,672.18	0.37	0.00	0.37
17,909.00	89.80	180.82	11,262.25	-6,678.88	1,081.16	6,765.02	0.29	-0.10	0.28
18,004.00	90.46	180.56	11,262.03	-6,773.87	1,080.01	6,858.85	0.75	0.69	-0.27
18,098.00	90.90	180.38	11,260.92	-6,867.86	1,079.24	6,951.74	0.51	0.47	-0.19
18,192.00	89.10	178.27	11,260.92	-6,961.84	1,080.35	7,044.90	2.95	-1.91	-2.24
18,287.00	89.49	177.75	11,262.09	-7,056.78	1,083.65	7,139.31	0.68	0.41	-0.55
18,381.00	90.20	177.57	11,262.34	-7,150.70	1,087.48	7,232.80	0.78	0.76	-0.19
18,475.00	90.59	177.31	11,261.69	-7,244.60	1,091.68	7,326.32	0.50	0.41	-0.28
18,570.00	90.81	177.39	11,260.53	-7,339.49	1,096.07	7,420.85	0.25	0.23	0.08
18,664.00	91.08	177.31	11,258.98	-7,433.38	1,100.42	7,514.38	0.30	0.29	-0.09
18,746.00	91.30	177.31	11,257.28	-7,515.27	1,104.27	7,595.96	0.27	0.27	0.00
Last Survey @ 18746'									
18,803.00	91.30	177.31	11,255.99	-7,572.19	1,106.94	7,652.68	0.00	0.00	0.00
Projection to Bit									

Checked By: _____ Approved By: _____ Date: _____

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-47486

5. Indicate Type of Lease STATE ■ FEE ☐

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: Talon 5-8 Federal

1. Type of Well: Oil Well ■ Gas Well ☐ Other

8. Well Number 5H

2. Name of Operator: Caza Oil and Gas, Inc

9. OGRID Number: 249099

3. Address of Operator: 200 N. Lorraine St #1550., Midland, TX 79701

10. Pool name or Wildcat: WC-025 G-08 S203506D; Bone Spring

4. Well Location
Unit Letter L2 : 285 feet from the North line and 1455 feet from the East line
Section 5 Township 20S Range 35E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*: 3693'GR

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

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

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

12/7/2021 - Test production casing to 8000psi, test good. Production casing was perf'd from 11,414'MD - 18,722'MD with 0.42" perf size and 10 shots per foot. The well was fracked with 22,450,705lbs of sand. 2.875" tubing run to 11249'.

Spud Date: 6/2/2021 Rig Release Date: 10/20/2021

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

SIGNATURE [signature] TITLE Engineer DATE 12/16/2021

Type or print name Steve Morris E-mail address: steve.morris@morcorengineering.com PHONE: 985-415-9729

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any):

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

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-105
Revised April 3, 2017

1. WELL API NO. 30-025-47486
2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN
3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:

☒ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)

☐ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name: Talon 5-8 Federal
6. Well Number: 5H

7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator: Caza Operating LLC
9. OGRID: 249099
10. Address of Operator: 200 N Lorraine St #1550, Midland, TX 79702
11. Pool name or Wildcat: WC-025 G-08 S203506D; Bone Spring

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	L2	5	20S	35E		285	N	1455	E	Lea
BH:	H	8	20S	35E		2539	N	413	E	Lea

13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released	16. Date Completed (Ready to Produce)	17. Elevations (DF and RKB, RT, GR, etc.)
6/2/2021	10/17/2021	10/20/2021	12/23/2021	3693 GR

18. Total Measured Depth of Well	19. Plug Back Measured Depth	20. Was Directional Survey Made?	21. Type Electric and Other Logs Run
18803	18722	Yes	Gamma ray, mud log

22. Producing Interval(s), of this completion - Top, Bottom, Name: 11379-18779MD 3rd Bone Sprin

23. **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13.375	54.5	2093	17.5	1500sx	
9.625	40	5540	12.25	1795sx	
5.5	23	18738	8.75	3280sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2.875	11249	11249

26. Perforation record (interval, size, and number)

11414-18722, 0.42", 10spf

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11414-18722	374,483bbls 22,450,705lbs sand

28. **PRODUCTION**

Date First Production	Production Method (*Flowing, gas lift, pumping - Size and type pump*)	Well Status (*Prod. or Shut-in*)
12/23/2021	jet pump	P

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
01/03/2022	24	30/64		773	744	1552	1.03:1

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (*Corr.*)
758	500		773	744	1552	41.81

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*): Sold
30. Test Witnessed By: Kevin Garrett
31. List Attachments
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.
33. Rig Release Date: 10/20/2021
34. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude _____ Longitude _____ NAD83

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature	Printed Name	Title	Date
	Steve Morris	Engineer	01/08/2021

E-mail Address: steve.morris@morcorengineering.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy 1878	T. Canyon 5560	T. Ojo Alamo	T. Penn A"
T. Salt 2196	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 3104	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 3686	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 3954	T. Devonian	T. Cliff House	T. Leadville
T. Queen 4591	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand 5435	T. Morrison	
T. Drinkard	T. Bone Springs 8073	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from……..…..….to……. No. 3, from……to…….……

No. 2, from……to…… No. 4, from……to……..

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

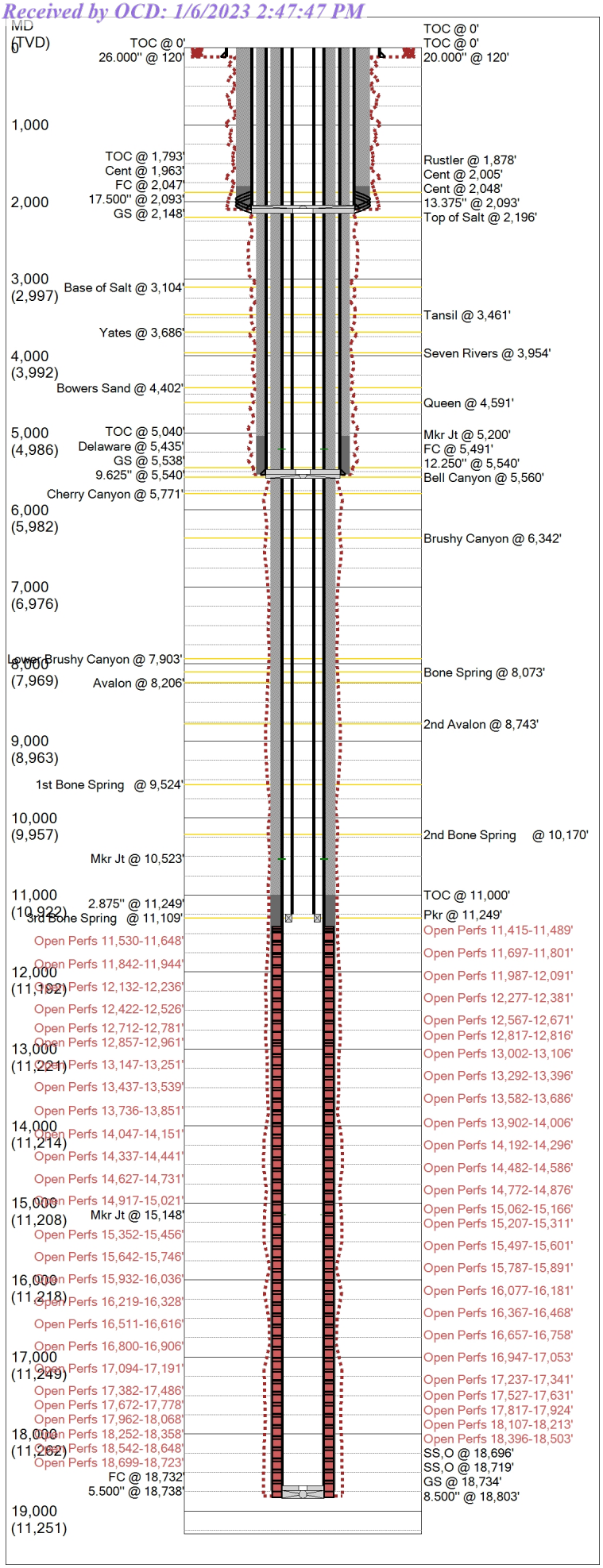
No. 1, from…….to……feet……

No. 2, from…….to……feet……

No. 3, from…….to……feet……

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology		From	To	Thickness In Feet	Lithology



Last Updated: 1/3/2022 08:57 AM

Field Name	Lease Name	Well No.
Laguna East	Talon 5-8 Federal	5H

County	State	API No.
Lea	New Mexico	3002547486

Version	Version Tag
1	Completed

GL (ft)	KB (ft)	Section	Township/Block	Range/Survey
3,695.0	3,718.0	5	20S	35E

Operator	Well Status	Latitude	Longitude
Caza Operating	Completed	32.60881642	-103.47562829

Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From
285	FNL	1455	FEL	SECTION

Prop Num	Spud Date	Comp. Date
328897	6/2/2021	12/7/2021

Additional Information

From south Dal Paso street in Hobbs head west on US-180 towards county road 27-A for 23.6 miles. Turn left onto county road 27-A heading south for 1.9 miles. Turn left onto existing lease road heading east for 0.8 miles. Turn left heading north for 164 feet. Turn right onto access road to the pad heading east for 3 miles.

OGRID	Pool Name and Code	Well Type	Dedicated Acres
249099	WC-025 G-08 S203506D; Bone Spring (97983)	Hz, Oil	241.46

Prepared By	Updated By	Last Updated
Steve Morris	Steve Morris	1/3/2022 8:57 AM

Hole Summary

Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	26.000	0	120	
	17.500	120	2,093	
	12.250	2,093	5,540	
	8.500	5,540	18,803	

Tubular Summary

Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
	Conductor Casing	20.000	94.00	H40	0	120
	Surface Casing	13.375	54.50	J55	0	2,093
	Intermediate Casing	9.625	40.00	HCL80	0	5,540
	Production Casing	5.500	23.00	P110	0	18,738
	Tubing	2.875	6.00	L80	0	11,249

Casing Cement Summary

C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		1,220	13.375	0	1,793	Circulate 328sx to surface
		280	13.375	1,793	2,093	
		1,530	9.625	0	5,040	Circulate 540sx to surface
		265	9.625	5,040	5,540	
		1,530	5.500	0	11,000	Circulate 138bbls to surface
		1,750	5.500	11,000	18,738	

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
	Cent	17.500	13.375	1,963	0
	Cent	17.500	13.375	2,005	0
	FC	13.375	0.000	2,047	0

Last Updated: 1/3/2022 08:57 AM

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
	Cent	17.500	13.375	2,048	0
	GS	13.375	0.000	2,148	0
	Mkr Jt	5.500	0.000	5,200	5,220
	FC	9.625	0.000	5,491	0
	GS	9.625	0.000	5,538	0
	Mkr Jt	5.500	0.000	10,523	10,543
	Pkr	4.600	2.875	11,249	0
	Mkr Jt	5.500	0.000	15,148	15,158
	SS,O	5.500	0.000	18,696	18,699
	SS,O	5.500	0.000	18,719	18,722
	FC	5.500	0.000	18,732	0
	GS	5.500	0.000	18,734	0

Perforation Summary

C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)
	12/7/2021	Open	3rd Bone Spring	11415	11,489
	12/6/2021	Open	3rd Bone Spring	11530	11,648
	12/6/2021	Open	3rd Bone Spring	11697	11,801
	12/5/2021	Open	3rd Bone Spring	11842	11,944
	12/5/2021	Open	3rd Bone Spring	11987	12,091
	12/4/2021	Open	3rd Bone Spring	12132	12,236
	12/4/2021	Open	3rd Bone Spring	12277	12,381
	12/3/2021	Open	3rd Bone Spring	12422	12,526
	12/3/2021	Open	3rd Bone Spring	12567	12,671
	12/3/2021	Open	3rd Bone Spring	12712	12,781
	12/2/2021	Open	3rd Bone Spring	12817	12,816
	12/2/2021	Open	3rd Bone Spring	12857	12,961
	12/2/2021	Open	3rd Bone Spring	13002	13,106
	12/1/2021	Open	3rd Bone Spring	13147	13,251
	12/1/2021	Open	3rd Bone Spring	13292	13,396
	11/30/2021	Open	3rd Bone Spring	13437	13,539
	11/30/2021	Open	3rd Bone Spring	13582	13,686
	11/29/2021	Open	3rd Bone Spring	13736	13,851
	11/29/2021	Open	3rd Bone Spring	13902	14,006
	11/28/2021	Open	3rd Bone Spring	14047	14,151
	11/28/2021	Open	3rd Bone Spring	14192	14,296
	11/27/2021	Open	3rd Bone Spring	14337	14,441
	11/27/2021	Open	3rd Bone Spring	14482	14,586
	11/26/2021	Open	3rd Bone Spring	14627	14,731
	11/26/2021	Open	3rd Bone Spring	14772	14,876
	11/25/2021	Open	3rd Bone Spring	14917	15,021
	11/25/2021	Open	3rd Bone Spring	15062	15,166
	11/24/2021	Open	3rd Bone Spring	15207	15,311
	11/24/2021	Open	3rd Bone Spring	15352	15,456
	11/23/2021	Open	3rd Bone Spring	15497	15,601
	11/23/2021	Open	3rd Bone Spring	15642	15,746
	11/22/2021	Open	3rd Bone Spring	15787	15,891
	11/22/2021	Open	3rd Bone Spring	15932	16,036
	11/21/2021	Open	3rd Bone Spring	16077	16,181
	11/21/2021	Open	3rd Bone Spring	16219	16,328
	11/20/2021	Open	3rd Bone Spring	16367	16,468
	11/20/2021	Open	3rd Bone Spring	16511	16,616
	11/20/2021	Open	3rd Bone Spring	16657	16,758
	11/19/2021	Open	3rd Bone Spring	16800	16,906

Last Updated: 1/3/2022 08:57 AM

C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)
	11/19/2021	Open	3rd Bone Spring	16947	17,053
	11/18/2021	Open	3rd Bone Spring	17094	17,191
	11/18/2021	Open	3rd Bone Spring	17237	17,341
	11/17/2021	Open	3rd Bone Spring	17382	17,486
	11/17/2021	Open	3rd Bone Spring	17527	17,631
	11/16/2021	Open	3rd Bone Spring	17672	17,778
	11/16/2021	Open	3rd Bone Spring	17817	17,924
	11/14/2021	Open	3rd Bone Spring	17962	18,068
	11/14/2021	Open	3rd Bone Spring	18107	18,213
	11/13/2021	Open	3rd Bone Spring	18252	18,358
	11/13/2021	Open	3rd Bone Spring	18396	18,503
	11/12/2021	Open	3rd Bone Spring	18542	18,648
	11/11/2021	Open	3rd Bone Spring	18699	18,723

Formation Tops Summary

Formation	Top (TVD ft)	Comments
Rustler	1,878	
Top of Salt	2,196	
Base of Salt	3,104	
Tansil	3,461	
Yates	3,686	
Seven Rivers	3,954	
Bowers Sand	4,402	
Queen	4,591	
Delaware	5,435	
Bell Canyon	5,560	
Cherry Canyon	5,771	
Brushy Canyon	6,342	
Lower Brushy Canyon	7,903	
Bone Spring	8,073	
Avalon	8,206	
2nd Avalon	8,743	
1st Bone Spring	9,524	
2nd Bone Spring	10,170	
3rd Bone Spring	11,109	

Last Updated: 1/3/2022 08:57 AM

Field Name	Lease Name	Well No.	County	State	API No.
Laguna East	Talon 5-8 Federal	5H	Lea	New Mexico	3002547486

Version	Version Tag	Spud Date	Comp. Date	GL (ft)	KB (ft)
1	Completed	6/2/2021	12/7/2021	3,695.0	3,718.0

Section	Township/Block	Range/Survey	Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From
5	20S	35E	285	FNL	1,455	FEL	SECTION

Operator	Well Status	Latitude	Longitude	Prop Num
Caza Operating	Completed	32.60881642	-103.47562829	328897

OGRID	Pool Name and Code	Well Type	Dedicated Acres
249099	WC-025 G-08 S203506D; Bone Spring (97983)	Hz, Oil	241.46

Last Updated	Prepared By	Updated By
01/03/2022 8:57 AM	Steve Morris	Steve Morris

Additional Information

From south Dal Paso street in Hobbs head west on US-180 towards county road 27-A for 23.6 miles. Turn left onto county road 27-A heading south for 1.9 miles. Turn left onto existing lease road heading east for 0.8 miles. Turn left heading north for 164 feet. Turn right onto access road to the pad heading east for 3 miles.

Hole Summary

Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	26.000	0	120	
	17.500	120	2,093	
	12.250	2,093	5,540	
	8.500	5,540	18,803	

Tubular Summary

Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Comments
	Conductor Casing	3	20.000	94.00	H40		0	120	
	Surface Casing	52	13.375	54.50	J55	STC	0	2,093	
	Intermediate Casing	122	9.625	40.00	HCL80	BTC	0	5,540	
	Production Casing	453	5.500	23.00	P110	BTC VAR	0	18,738	
	Tubing		2.875	6.00	L80	EUE	0	11,249	

Casing Cement Summary

C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
		1,220	1.65	2,013	13.375	0	1,793	12.8ppg Class C 35/65 POZ	Circulate 328sx to surface
		280	1.33	372	13.375	1,793	2,093	14.8ppg Class C	
		1,530	2.29	3,504	9.625	0	5,040	11.5ppg 50/50 POZ Class C + 5%NaCl + 4% Gel + 0.1% CPT19 + 2% CPT45 + 0.4% CPT503P + 5% Gypsum + 0.1% CPT20A + 0.1% Citric Acid.	Circulate 540sx to surface
		265	1.33	352	9.625	5,040	5,540	14.8ppg Class C + 0.1% CPT24	
		1,530	2.23	3,412	5.500	0	11,000	11.5ppg 50/50 POZ H	Circulate 138bbls to surface
		1,750	1.42	2,485	5.500	11,000	18,738	13.2ppg 35/65 POZ H	

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
	Centralizer	17.500	13.375	1,963	0		
	Centralizer	17.500	13.375	2,005	0		
	Float Collar	13.375	0.000	2,047	0		
	Centralizer	17.500	13.375	2,048	0		
	Guide Shoe	13.375	0.000	2,148	0		
	Marker Joint	5.500	0.000	5,200	5,220		
	Float Collar	9.625	0.000	5,491	0		
	Guide Shoe	9.625	0.000	5,538	0		
	Marker Joint	5.500	0.000	10,523	10,543		

Last Updated: 1/3/2022 08:57 AM

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
	Packer	4.600	2.875	11,249	0		
	Marker Joint	5.500	0.000	15,148	15,158		
	Sliding Sleeve (open)	5.500	0.000	18,696	18,699	Toe sleeve	
	Sliding Sleeve (open)	5.500	0.000	18,719	18,722	Toe Sleeve	
	Float Collar	5.500	0.000	18,732	0		
	Guide Shoe	5.500	0.000	18,734	0		

Perforation Summary

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/11/2021	Open	3rd Bone Spring		Stage 1 - Slurry 7833bbls 439,150lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
18722	18,723	6	6	60	
18699	18,700	6	6	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/12/2021	Open	3rd Bone Spring		Stage 2 - Slurry 8385bbls 437,840lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
18647	18,648	10	10	60	
18612	18,613	10	10	60	
18577	18,578	10	10	60	
18542	18,543	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/13/2021	Open	3rd Bone Spring		Stage 4 - Slurry 8285bbls 441,150lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
18357	18,358	10	10	60	
18323	18,324	10	10	60	
18287	18,288	10	10	60	
18252	18,253	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/13/2021	Open	3rd Bone Spring		Stage 3 - Slurry 8163bbls 441,140lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
18502	18,503	10	10	60	
18467	18,468	10	10	60	
18432	18,433	10	10	60	
18396	18,397	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/14/2021	Open	3rd Bone Spring		Stage 6 - Slurry 7384bbls 439,040lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
18067	18,068	10	10	60	
18029	18,030	10	10	60	
17994	17,995	10	10	60	
17962	17,963	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/14/2021	Open	3rd Bone Spring		Stage 5 - Slurry 7947bbls 443,280lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
18212	18,213	10	10	60	
18177	18,178	10	10	60	
18142	18,143	10	10	60	
18107	18,108	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/16/2021	Open	3rd Bone Spring		Stage 8 - Slurry 7591bbls 439,150lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments

C	Date	Perf. Status	Formation	Closed Date	Comments

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
17777	17,778	10	10	60	
17742	17,743	10	10	60	
17704	17,705	10	10	60	
17672	17,673	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/16/2021	Open	3rd Bone Spring		Stage 7 - Slurry 7587bbls 439,150lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
17923	17,924	10	10	60	
17887	17,888	10	10	60	
17852	17,853	10	10	60	
17817	17,818	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/17/2021	Open	3rd Bone Spring		Stage 10 - 7452bbls 439,480lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
17487	17,486	10	10	60	
17452	17,451	10	10	60	
17416	17,415	10	10	60	
17382	17,381	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/17/2021	Open	3rd Bone Spring		Stage 9 - 7419bbls 437,360lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
17632	17,631	10	10	60	
17592	17,591	10	10	60	
17564	17,563	10	10	60	
17527	17,526	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/18/2021	Open	3rd Bone Spring		Stage 12 - 7276bbls 439,150lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
17192	17,191	10	10	60	
17162	17,161	10	10	60	
17127	17,126	10	10	60	
17094	17,093	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/18/2021	Open	3rd Bone Spring		Stage 11 - 7273bbls 439,120lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
17342	17,341	10	10	60	
17307	17,306	10	10	60	
17272	17,271	10	10	60	
17237	17,236	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/19/2021	Open	3rd Bone Spring		Stage 14 - 7315bbls 444,650lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
16907	16,906	10	10	60	
16872	16,871	10	10	60	
16837	16,836	10	10	60	
16800	16,799	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/19/2021	Open	3rd Bone Spring		Stage 13 - 8180bbls 439,570lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments

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C	Date	Perf. Status	Formation	Closed Date	Comments

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
17054	17,053	10	10	60	
17017	17,016	10	10	60	
16982	16,981	10	10	60	
16947	16,946	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/20/2021	Open	3rd Bone Spring		Stage 17 - 7262bbls 439,140lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
16469	16,468	10	10	60	
16437	16,436	10	10	60	
16404	16,403	10	10	60	
16367	16,366	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/20/2021	Open	3rd Bone Spring		Stage 16 - 7328bbls 439,060lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
16617	16,616	10	10	60	
16582	16,581	10	10	60	
16547	16,546	10	10	60	
16511	16,510	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/20/2021	Open	3rd Bone Spring		Stage 15 - 7235bbls 439,250lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
16759	16,758	10	10	60	
16727	16,726	10	10	60	
16692	16,691	10	10	60	
16657	16,656	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/21/2021	Open	3rd Bone Spring		Stage 19 - 7131bbls 439,160lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
16182	16,181	10	10	60	
16142	16,141	10	10	60	
16112	16,111	10	10	60	
16077	16,076	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/21/2021	Open	3rd Bone Spring		Stage 18 - 7310bbls 440,050lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
16329	16,328	10	10	60	
16292	16,291	10	10	60	
16257	16,256	10	10	60	
16219	16,218	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/22/2021	Open	3rd Bone Spring		Stage 21 - 7163bbls 440,180lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
15892	15,891	10	10	60	
15856	15,855	10	10	60	
15824	15,823	10	10	60	
15787	15,786	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/22/2021	Open	3rd Bone Spring		Stage 20 - 7026bbls 439,450lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments

C	Date	Perf. Status	Formation	Closed Date	Comments

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
16037	16,036	10	10	60	
16005	16,004	10	10	60	
15967	15,966	10	10	60	
15932	15,931	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/23/2021	Open	3rd Bone Spring		Stage 23 - 7583bbls 439,200lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
15602	15,601	10	10	60	
15567	15,566	10	10	60	
15532	15,531	10	10	60	
15497	15,496	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/23/2021	Open	3rd Bone Spring		Stage 22 - 7201bbls 440,280lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
15747	15,746	10	10	60	
15712	15,711	10	10	60	
15677	15,676	10	10	60	
15642	15,641	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/24/2021	Open	3rd Bone Spring		Stage 25 - 7276bbls 439,650lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
15312	15,311	10	10	60	
15277	15,276	10	10	60	
15240	15,239	10	10	60	
15207	15,206	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/24/2021	Open	3rd Bone Spring		Stage 24 - 7245bbls 442,430lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
15457	15,456	10	10	60	
15422	15,421	10	10	60	
15387	15,386	10	10	60	
15352	15,351	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/25/2021	Open	3rd Bone Spring		Stage 27 - 7221bbls 440,970lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
15022	15,021	10	10	60	
14989	14,988	10	10	60	
14952	14,951	10	10	60	
14917	14,916	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/25/2021	Open	3rd Bone Spring		Stage 26 - 7026bbls 440,970lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
15167	15,166	10	10	60	
15132	15,131	10	10	60	
15097	15,096	10	10	60	
15062	15,061	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/26/2021	Open	3rd Bone Spring		Stage 29 - 7166bbls 440,180lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments

C	Date	Perf. Status	Formation	Closed Date	Comments

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
14732	14,731	10	10	60	
14700	14,699	10	10	60	
14662	14,661	10	10	60	
14627	14,626	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/26/2021	Open	3rd Bone Spring		Stage 28 - 7015bbls 439,540lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
14877	14,876	10	10	60	
14842	14,841	10	10	60	
14807	14,806	10	10	60	
14772	14,771	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/27/2021	Open	3rd Bone Spring		Stage 31 - 7334bbls 454,500lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
14442	14,441	10	10	60	
14407	14,406	10	10	60	
14372	14,371	10	10	60	
14337	14,336	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/27/2021	Open	3rd Bone Spring		Stage 30 - 7217bbls 439,340lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
14587	14,586	10	10	60	
14552	14,551	10	10	60	
14517	14,516	10	10	60	
14482	14,481	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/28/2021	Open	3rd Bone Spring		Stage 33 - 7178bbls 439,540lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
14152	14,151	10	10	60	
14117	14,116	10	10	60	
14085	14,084	10	10	60	
14047	14,046	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/28/2021	Open	3rd Bone Spring		Stage 32 - 443,860lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
14297	14,296	10	10	60	
14262	14,261	10	10	60	
14227	14,226	10	10	60	
14192	14,191	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/29/2021	Open	3rd Bone Spring		Stage 35 - 7162bbls 439,365lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
13852	13,851	10	10	60	
13809	13,808	10	10	60	
13774	13,773	10	10	60	
13736	13,735	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/29/2021	Open	3rd Bone Spring		Stage 34 - 7088bbls 439,600lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments

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C	Date	Perf. Status	Formation	Closed Date	Comments

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
14007	14,006	10	10	60	
13972	13,971	10	10	60	
13937	13,936	10	10	60	
13902	13,901	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/30/2021	Open	3rd Bone Spring		Stage 37 - 7153bbls 439,750lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
13540	13,539	10	10	60	
13504	13,503	10	10	60	
13472	13,471	10	10	60	
13437	13,436	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	11/30/2021	Open	3rd Bone Spring		Stage 36 - 7211bbls 441,600lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
13687	13,686	10	10	60	
13652	13,651	10	10	60	
13620	13,619	10	10	60	
13582	13,581	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	12/1/2021	Open	3rd Bone Spring		Stage 39 - 7160bbls 439,220lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
13252	13,251	10	10	60	
13216	13,215	10	10	60	
13182	13,181	10	10	60	
13147	13,146	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	12/1/2021	Open	3rd Bone Spring		Stage 38 - 7203bbls 439,150lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
13397	13,396	10	10	60	
13362	13,361	10	10	60	
13327	13,326	10	10	60	
13292	13,291	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	12/2/2021	Open	3rd Bone Spring		Stage 42 - 7203bbls 439,460lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
12817	12,816	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	12/2/2021	Open	3rd Bone Spring		Stage 41 - 7115bbls 439,320lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
12962	12,961	10	10	60	
12927	12,926	10	10	60	
12893	12,892	10	10	60	
12857	12,856	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	12/2/2021	Open	3rd Bone Spring		Stage 40 -7156bbls 439,800lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
13107	13,106	10	10	60	
13072	13,071	10	10	60	
13037	13,036	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
13002	13,001	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	12/3/2021	Open	3rd Bone Spring		Stage 44 - 7078bbls 439,180lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
12527	12,526	10	10	60	
12492	12,491	10	10	60	
12457	12,456	10	10	60	
12422	12,421	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	12/3/2021	Open	3rd Bone Spring		Stage 43 - 7243bbls 439,200lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
12672	12,671	10	10	60	
12637	12,636	10	10	60	
12602	12,601	10	10	60	
12567	12,566	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	12/3/2021	Open	3rd Bone Spring		Stage 42 - 7203bbls 439,460lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
12782	12,781	10	10	60	
12747	12,746	10	10	60	
12712	12,711	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	12/4/2021	Open	3rd Bone Spring		Stage 46 - 7078bbls 440,480lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
12237	12,236	10	10	60	
12202	12,201	10	10	60	
12167	12,166	10	10	60	
12132	12,131	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	12/4/2021	Open	3rd Bone Spring		Stage 45 - 7215bbls 439,770lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
12382	12,381	10	10	60	
12347	12,346	10	10	60	
12312	12,311	10	10	60	
12277	12,276	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	12/5/2021	Open	3rd Bone Spring		Stage 48 - 7163bbls 438,680lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
11945	11,944	10	10	60	
11912	11,911	10	10	60	
11877	11,876	10	10	60	
11842	11,841	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	12/5/2021	Open	3rd Bone Spring		Stage 47 - 7123bbls 441,470lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
12092	12,091	10	10	60	
12057	12,056	10	10	60	
12022	12,021	10	10	60	
11987	11,986	10	10	60	

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C	Date	Perf. Status	Formation	Closed Date	Comments
	12/6/2021	Open	3rd Bone Spring		Stage 50 - 7185bbls 439,370lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
11649	11,648	10	10	60	
11609	11,608	10	10	60	
11567	11,566	10	10	60	
11530	11,529	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	12/6/2021	Open	3rd Bone Spring		Stage 49 - 7223bbls 439,170lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
11802	11,801	10	10	60	
11767	11,766	10	10	60	
11732	11,731	10	10	60	
11697	11,696	10	10	60	

C	Date	Perf. Status	Formation	Closed Date	Comments
	12/7/2021	Open	3rd Bone Spring		Stage 51 - 6903bbls 438,280lbs sand

Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
11490	11,489	10	10	60	
11465	11,464	10	10	60	
11440	11,439	10	10	60	
11415	11,414	10	10	60	

Formation Top Summary

Formation Name	Top(TVD ft)	Comments
Rustler	1,878	
Top of Salt	2,196	
Base of Salt	3,104	
Tansil	3,461	
Yates	3,686	
Seven Rivers	3,954	
Bowers Sand	4,402	
Queen	4,591	
Delaware	5,435	
Bell Canyon	5,560	
Cherry Canyon	5,771	
Brushy Canyon	6,342	
Lower Brushy Canyon	7,903	
Bone Spring	8,073	
Avalon	8,206	
2nd Avalon	8,743	
1st Bone Spring	9,524	
2nd Bone Spring	10,170	
3rd Bone Spring	11,109	

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Field Name	Lease Name	Well No.	County	State	API No.
Laguna East	Talon 5-8 Federal	5H	Lea	New Mexico	3002547486

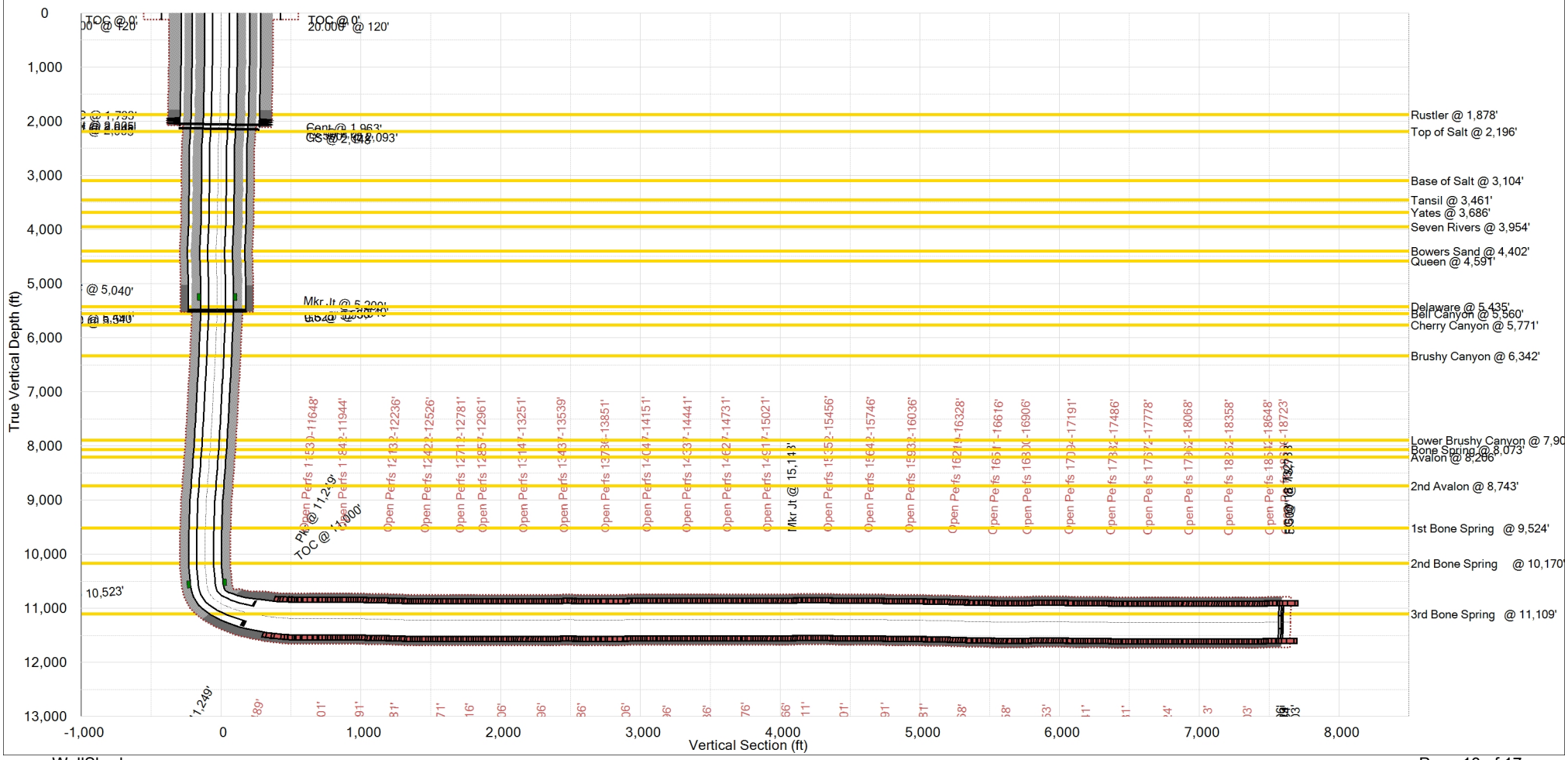
Version	Version Tag	Spud Date	Comp. Date	G.L. (ft)	K.B. (ft)
1	Completed	6/2/2021	12/7/2021	3,695.0	3,718.0

Sec.	Township/Block	Range/Survey	Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From	Latitude	Longitude
5	20S	35E	285	FNL	1455	FEL		32.60881642	-103.47562829

Well Status	PropNum	Operator	Last Updated	Prepared By	Updated By
Completed	328897	Caza Operating	1/3/2022 8:57:27 AM	Steve Morris	Steve Morris

Additional Information

From south Dal Paso street in Hobbs head west on US-180 towards county road 27-A for 23.6 miles. Turn left onto county road 27-A heading south for 1.9 miles. Turn left onto existing lease road heading east for 0.8 miles. Turn left heading north for 164 feet. Turn right onto access road to the pad heading east for 3 miles.



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Field Name	Lease Name	Well No.	API No.	Version	Version Tag
Laguna East	Talon 5-8 Federal	5H	3002547486	1	Completed

Section	Township/Block	Range/Survey	County	State	GL (ft)	KB (ft)
5	20S	35E	Lea	New Mexico	3,695.0	3,718.0

Target N (-S) (ft)	Target E (-W) (ft)	Latitude	Longitude	Operator	Well Status
0	0	32.60881642	-103.47562829	Caza Operating	Completed

Additional Information

From south Dal Paso street in Hobbs head west on US-180 towards county road 27-A for 23.6 miles. Turn left onto county road 27-A heading south for 1.9 miles. Turn left onto existing lease road heading east for 0.8 miles. Turn left heading north for 164 feet. Turn right onto access road to the pad heading east for 3 miles.

Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	Coordinate N (-S) (ft)	Coordinate E (-W) (ft)	DLS (deg/100 ft)
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
144.0	0.3	319.0	144.0	-0.3	0.3	-0.3	0.22
236.0	0.3	314.5	236.0	-0.7	0.7	-0.6	0.03
328.0	0.4	348.2	328.0	-1.3	1.1	-0.8	0.24
419.0	0.0	326.5	419.0	-1.6	1.5	-0.9	0.40
541.0	0.1	23.7	541.0	-1.7	1.6	-0.9	0.06
636.0	0.4	25.9	636.0	-2.0	1.9	-0.8	0.27
759.0	0.2	131.8	759.0	-2.2	2.1	-0.4	0.35
853.0	0.4	58.8	853.0	-2.2	2.2	-0.1	0.41
948.0	0.3	1.6	948.0	-2.6	2.6	0.2	0.37
1,042.0	0.4	7.2	1,042.0	-3.1	3.2	0.3	0.05
1,137.0	0.5	53.9	1,137.0	-3.6	3.7	0.6	0.37
1,231.0	0.7	32.0	1,231.0	-4.2	4.4	1.3	0.33
1,326.0	0.6	18.8	1,326.0	-5.1	5.4	1.7	0.21
1,421.0	0.7	38.9	1,421.0	-5.9	6.3	2.2	0.27
1,515.0	0.7	13.0	1,515.0	-6.8	7.2	2.7	0.33
1,610.0	0.3	30.1	1,610.0	-7.5	8.0	3.0	0.44
1,704.0	0.5	47.5	1,704.0	-7.8	8.4	3.4	0.26
1,799.0	1.0	33.7	1,799.0	-8.7	9.4	4.1	0.59
1,893.0	0.8	23.2	1,892.9	-9.8	10.6	4.8	0.32
1,988.0	1.2	27.9	1,987.9	-11.2	12.1	5.5	0.51
2,030.0	2.0	50.6	2,029.9	-11.9	13.0	6.3	2.31
2,175.0	2.3	54.6	2,174.8	-14.5	16.2	10.6	0.24
2,269.0	2.4	49.3	2,268.7	-16.5	18.6	13.6	0.27
2,363.0	2.7	52.2	2,362.6	-18.6	21.3	16.9	0.36
2,458.0	2.7	52.1	2,457.5	-20.8	24.0	20.5	0.05
2,553.0	4.6	74.1	2,552.3	-22.4	26.4	25.8	2.44
2,647.0	6.6	82.1	2,645.9	-22.9	28.2	34.8	2.26
2,742.0	6.6	85.1	2,740.3	-22.5	29.4	45.6	0.37
2,836.0	7.0	85.6	2,833.6	-21.8	30.3	56.7	0.38
2,931.0	5.4	82.5	2,928.0	-21.4	31.3	66.9	1.70
3,026.0	5.3	77.6	3,022.6	-21.6	32.9	75.6	0.50
3,120.0	6.0	79.1	3,116.2	-22.2	34.7	84.6	0.77
3,214.0	6.1	77.1	3,209.7	-22.8	36.8	94.3	0.27
3,309.0	6.5	77.3	3,304.1	-23.6	39.1	104.5	0.42
3,404.0	7.0	77.5	3,398.4	-24.4	41.5	115.4	0.51
3,498.0	5.2	80.6	3,491.9	-24.9	43.4	125.2	1.95
3,593.0	4.4	79.8	3,586.6	-25.2	44.8	133.0	0.89
3,687.0	4.2	77.3	3,680.3	-25.5	46.2	139.9	0.24
3,782.0	4.5	72.2	3,775.0	-26.4	48.1	146.8	0.49
3,876.0	4.0	73.3	3,868.8	-27.5	50.1	153.4	0.56
3,970.0	4.4	69.9	3,962.5	-28.7	52.3	159.9	0.58
4,065.0	7.6	72.0	4,057.0	-30.5	55.5	169.3	3.29
4,159.0	7.6	73.2	4,150.2	-32.5	59.2	181.1	0.16
4,253.0	7.7	73.4	4,243.3	-34.3	62.8	193.0	0.10
4,348.0	7.9	74.0	4,337.5	-36.1	66.4	205.4	0.28
4,442.0	7.4	85.4	4,430.6	-36.6	68.7	217.6	1.71
4,536.0	6.1	94.8	4,524.0	-35.1	68.7	228.6	1.82
4,631.0	5.2	92.1	4,618.5	-33.2	68.2	237.9	0.97
4,725.0	5.0	85.2	4,712.2	-32.2	68.4	246.2	0.68
4,820.0	5.1	87.0	4,806.8	-31.5	68.9	254.5	0.17

Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	Coordinate N (-S) (ft)	Coordinate E (-W) (ft)	DLS (deg/100 ft)
4,914.0	4.9	86.2	4,900.4	-30.8	69.4	262.7	0.20
5,009.0	4.5	81.6	4,995.1	-30.5	70.2	270.4	0.54
5,103.0	4.4	80.7	5,088.8	-30.6	71.3	277.6	0.20
5,197.0	4.5	82.0	5,182.6	-30.7	72.4	284.7	0.17
5,292.0	4.2	79.2	5,277.3	-30.8	73.6	291.8	0.38
5,387.0	4.0	80.0	5,372.0	-31.0	74.8	298.5	0.20
5,480.0	4.0	84.1	5,464.8	-31.0	75.7	304.9	0.30
5,575.0	4.2	82.5	5,559.6	-30.8	76.5	311.7	0.26
5,668.0	4.5	79.3	5,652.3	-30.9	77.7	318.6	0.38
5,763.0	6.8	72.7	5,746.8	-32.0	80.0	327.6	2.50
5,857.0	6.9	73.0	5,840.2	-33.7	83.3	338.3	0.10
5,952.0	6.7	73.0	5,934.5	-35.4	86.6	349.0	0.19
6,047.0	6.5	73.7	6,028.9	-37.0	89.7	359.4	0.25
6,141.0	6.4	73.3	6,122.3	-38.5	92.7	369.5	0.06
6,236.0	6.2	74.3	6,216.7	-39.9	95.6	379.5	0.26
6,330.0	5.9	74.5	6,310.2	-41.2	98.2	389.0	0.37
6,425.0	5.7	77.2	6,404.7	-42.2	100.6	398.3	0.35
6,519.0	6.7	69.6	6,498.2	-43.7	103.5	407.9	1.38
6,613.0	7.0	68.2	6,591.5	-46.1	107.5	418.3	0.34
6,708.0	6.8	67.7	6,685.8	-48.8	111.8	428.9	0.20
6,802.0	6.4	69.6	6,779.2	-51.3	115.7	438.9	0.49
6,897.0	6.2	70.4	6,873.6	-53.4	119.3	448.7	0.16
6,991.0	6.0	72.3	6,967.1	-55.2	122.5	458.2	0.31
7,086.0	5.7	73.5	7,061.6	-56.7	125.3	467.4	0.39
7,180.0	6.2	71.6	7,155.1	-58.2	128.2	476.7	0.55
7,275.0	6.2	72.5	7,249.6	-59.9	131.4	486.3	0.10
7,370.0	5.9	72.5	7,344.0	-61.5	134.4	495.8	0.27
7,465.0	8.0	70.4	7,438.3	-63.6	138.0	506.7	2.24
7,559.0	7.7	71.1	7,531.5	-66.0	142.3	518.8	0.34
7,653.0	7.3	70.3	7,624.7	-68.4	146.3	530.4	0.43
7,748.0	6.6	71.4	7,719.0	-70.6	150.1	541.3	0.71
7,842.0	6.4	72.1	7,812.3	-72.4	153.5	551.5	0.25
7,936.0	5.9	73.7	7,905.8	-74.0	156.4	561.1	0.59
8,030.0	6.7	66.4	7,999.2	-76.1	160.0	570.7	1.19
8,125.0	7.4	65.7	8,093.5	-79.2	164.7	581.4	0.79
8,218.0	7.2	65.5	8,185.8	-82.5	169.6	592.2	0.24
8,313.0	6.1	65.9	8,280.1	-85.6	174.1	602.2	1.20
8,407.0	5.5	67.8	8,373.6	-88.0	177.9	610.9	0.69
8,502.0	6.3	64.5	8,468.1	-90.6	181.8	619.7	0.95
8,596.0	5.4	64.5	8,561.7	-93.4	185.9	628.3	0.99
8,691.0	6.7	68.5	8,656.1	-96.0	189.9	637.5	1.46
8,785.0	6.1	68.3	8,749.6	-98.4	193.7	647.2	0.61
8,879.0	6.6	67.9	8,843.0	-100.9	197.6	656.9	0.51
8,974.0	6.4	66.7	8,937.4	-103.6	201.7	666.8	0.22
9,068.0	5.6	64.4	9,030.8	-106.3	205.8	675.7	0.93
9,162.0	6.9	74.8	9,124.3	-108.3	209.2	685.3	1.85
9,256.0	6.8	78.5	9,217.6	-109.3	211.8	696.2	0.49
9,350.0	5.7	75.9	9,311.1	-110.1	214.1	706.1	1.21
9,445.0	5.6	78.0	9,405.6	-110.9	216.2	715.2	0.22
9,540.0	6.9	69.8	9,500.0	-112.3	219.1	725.1	1.59
9,634.0	7.6	81.2	9,593.3	-113.5	222.0	736.5	1.72
9,729.0	6.6	82.8	9,687.6	-113.5	223.6	748.2	1.03
9,823.0	5.9	79.2	9,781.0	-113.6	225.2	758.3	0.94
9,917.0	6.7	81.8	9,874.4	-113.8	226.9	768.4	0.93
10,012.0	6.1	81.3	9,968.9	-113.8	228.4	778.8	0.64
10,091.0	5.5	85.3	10,047.5	-113.6	229.4	786.8	0.84
10,135.0	2.3	101.6	10,091.3	-113.2	229.4	789.7	7.74
10,183.0	1.5	290.1	10,139.3	-113.1	229.4	790.1	7.77
10,274.0	1.8	269.2	10,230.3	-113.9	229.8	787.6	0.72
10,366.0	1.9	184.3	10,322.3	-112.6	228.2	786.1	2.68
10,458.0	3.6	133.0	10,414.2	-108.8	224.7	788.1	3.08
10,550.0	5.8	110.3	10,505.9	-104.4	221.2	794.6	3.05
10,595.0	5.9	105.1	10,550.6	-102.4	219.8	798.9	1.23
10,644.0	8.1	108.4	10,599.3	-99.8	218.0	804.6	4.48
10,689.0	8.8	109.5	10,643.8	-96.8	215.9	810.9	1.51
10,738.0	13.9	117.5	10,691.8	-91.6	211.9	819.6	10.87

Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	Coordinate N (-S) (ft)	Coordinate E (-W) (ft)	DLS (deg/100 ft)
10,783.0	20.0	121.8	10,734.8	-83.5	205.4	830.9	14.02
10,832.0	25.1	130.6	10,780.1	-70.3	194.2	846.0	12.46
10,877.0	28.6	140.0	10,820.2	-53.9	179.7	860.2	12.18
10,927.0	33.1	145.6	10,863.2	-31.5	159.3	875.6	10.68
10,972.0	36.3	149.4	10,900.2	-8.1	137.7	889.3	8.49
11,021.0	39.6	154.1	10,938.8	20.2	111.2	903.5	8.98
11,066.0	42.2	156.8	10,972.9	48.5	84.4	915.7	7.08
11,115.0	46.2	162.1	11,008.0	81.8	52.4	927.6	11.00
11,159.0	50.9	166.0	11,037.2	114.5	20.7	936.7	12.57
11,209.0	56.2	167.0	11,066.9	154.5	-18.4	946.0	10.77
11,254.0	61.9	166.6	11,090.0	192.9	-55.9	954.9	12.63
11,303.0	65.0	166.3	11,111.9	236.5	-98.5	965.1	6.47
11,348.0	66.2	166.4	11,130.5	277.3	-138.3	974.8	2.74
11,397.0	69.6	166.9	11,148.9	322.6	-182.5	985.2	6.99
11,442.0	73.8	168.2	11,163.1	365.2	-224.2	994.4	9.54
11,491.0	79.0	169.0	11,174.6	412.7	-270.9	1,003.9	10.87
11,536.0	82.3	169.1	11,181.9	457.1	-314.5	1,012.3	7.25
11,586.0	85.6	168.5	11,187.2	506.7	-363.3	1,022.0	6.69
11,631.0	88.2	169.5	11,189.6	551.6	-407.4	1,030.5	6.24
11,680.0	90.0	170.5	11,190.3	600.6	-455.6	1,039.0	4.26
11,774.0	89.9	173.9	11,190.5	694.5	-548.7	1,051.8	3.56
11,868.0	90.4	176.9	11,190.2	788.3	-642.4	1,059.3	3.24
11,962.0	88.9	179.4	11,190.8	881.7	-736.3	1,062.4	3.17
12,057.0	88.7	179.1	11,192.8	975.9	-831.3	1,063.6	0.42
12,152.0	86.9	179.9	11,196.5	1,069.9	-926.2	1,064.5	2.15
12,247.0	85.5	179.3	11,202.9	1,163.8	-1,021.0	1,065.1	1.62
12,341.0	85.2	179.1	11,210.5	1,256.7	-1,114.7	1,066.4	0.37
12,435.0	86.8	179.2	11,217.0	1,349.7	-1,208.5	1,067.9	1.68
12,529.0	89.2	178.0	11,220.3	1,443.0	-1,302.4	1,070.2	2.81
12,623.0	89.5	177.4	11,221.4	1,536.4	-1,396.3	1,074.0	0.72
12,718.0	89.6	176.5	11,222.2	1,631.0	-1,491.1	1,079.0	0.94
12,812.0	89.7	178.5	11,222.7	1,724.6	-1,585.0	1,083.1	2.15
12,906.0	90.6	180.2	11,222.4	1,817.7	-1,679.0	1,084.1	2.03
13,001.0	90.6	179.2	11,221.5	1,911.8	-1,774.0	1,084.5	1.03
13,095.0	90.2	178.2	11,220.8	2,005.1	-1,868.0	1,086.6	1.18
13,190.0	91.1	179.2	11,219.8	2,099.4	-1,963.0	1,088.8	1.44
13,284.0	90.5	180.8	11,218.5	2,192.4	-2,057.0	1,088.7	1.79
13,379.0	91.1	180.6	11,217.1	2,286.2	-2,151.9	1,087.6	0.70
13,473.0	91.3	180.1	11,215.1	2,379.1	-2,245.9	1,087.0	0.51
13,568.0	91.0	180.1	11,213.2	2,473.1	-2,340.9	1,086.8	0.28
13,662.0	87.5	181.1	11,214.4	2,565.9	-2,434.9	1,085.8	3.87
13,756.0	89.6	181.6	11,216.8	2,658.5	-2,528.8	1,083.6	2.26
13,851.0	90.7	181.5	11,216.6	2,752.1	-2,623.8	1,081.0	1.16
13,945.0	91.4	181.6	11,214.8	2,844.7	-2,717.7	1,078.4	0.80
14,040.0	90.0	182.2	11,213.6	2,938.2	-2,812.7	1,075.3	1.62
14,134.0	90.8	182.6	11,213.0	3,030.6	-2,906.6	1,071.3	0.88
14,228.0	89.9	181.8	11,212.4	3,123.0	-3,000.5	1,067.7	1.26
14,323.0	90.3	181.5	11,212.3	3,216.6	-3,095.5	1,065.0	0.54
14,417.0	89.3	179.8	11,212.6	3,309.5	-3,189.4	1,063.9	2.19
14,511.0	89.9	177.9	11,213.3	3,402.7	-3,283.4	1,065.8	2.06
14,606.0	90.5	178.5	11,213.0	3,497.1	-3,378.4	1,068.7	0.95
14,700.0	90.6	178.9	11,212.1	3,590.4	-3,472.3	1,070.8	0.38
14,795.0	91.7	179.2	11,210.2	3,684.6	-3,567.3	1,072.4	1.22
14,889.0	90.1	179.4	11,208.7	3,777.8	-3,661.3	1,073.5	1.69
14,982.0	90.8	180.1	11,208.0	3,869.8	-3,754.3	1,073.9	1.06
15,076.0	90.8	180.9	11,206.7	3,962.7	-3,848.3	1,073.0	0.84
15,171.0	90.6	179.9	11,205.5	4,056.6	-3,943.3	1,072.4	1.14
15,265.0	91.1	179.5	11,204.2	4,149.7	-4,037.2	1,072.9	0.72
15,359.0	89.9	177.8	11,203.3	4,243.0	-4,131.2	1,075.1	2.21
15,453.0	89.0	177.4	11,204.2	4,336.5	-4,225.1	1,079.0	1.05
15,548.0	87.7	177.3	11,206.9	4,431.0	-4,320.0	1,083.4	1.34
15,642.0	88.7	177.4	11,209.9	4,524.5	-4,413.8	1,087.8	0.98
15,736.0	89.4	177.1	11,211.5	4,618.1	-4,507.7	1,092.2	0.78
15,831.0	88.2	177.6	11,213.5	4,712.6	-4,602.6	1,096.6	1.29
15,925.0	88.6	178.0	11,216.1	4,806.0	-4,696.5	1,100.3	0.65
16,019.0	88.8	177.8	11,218.3	4,899.4	-4,790.4	1,103.7	0.23

Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	Coordinate N (-S) (ft)	Coordinate E (-W) (ft)	DLS (deg/100 ft)
16,114.0	87.6	178.9	11,221.3	4,993.7	-4,885.3	1,106.4	1.65
16,208.0	87.1	178.9	11,225.7	5,086.9	-4,979.2	1,108.2	0.55
16,302.0	86.4	180.0	11,231.0	5,179.9	-5,073.0	1,109.1	1.40
16,396.0	86.2	179.9	11,237.1	5,272.7	-5,166.8	1,109.2	0.34
16,490.0	86.2	180.2	11,243.4	5,365.5	-5,260.6	1,109.1	0.38
16,585.0	87.6	180.7	11,248.5	5,459.3	-5,355.5	1,108.4	1.50
16,679.0	89.3	181.4	11,251.1	5,552.0	-5,449.4	1,106.7	2.00
16,773.0	89.1	181.2	11,252.5	5,644.7	-5,543.4	1,104.6	0.34
16,868.0	91.2	181.3	11,252.2	5,738.4	-5,638.4	1,102.5	2.17
16,963.0	91.7	180.8	11,249.9	5,832.1	-5,733.3	1,100.8	0.73
17,058.0	89.9	181.3	11,248.6	5,925.8	-5,828.3	1,099.1	1.95
17,153.0	88.4	181.3	11,250.0	6,019.5	-5,923.2	1,097.0	1.53
17,247.0	89.0	181.6	11,252.1	6,112.1	-6,017.2	1,094.7	0.71
17,342.0	88.4	181.9	11,254.2	6,205.7	-6,112.1	1,091.8	0.66
17,437.0	88.1	182.1	11,257.0	6,299.1	-6,207.0	1,088.4	0.46
17,531.0	88.3	181.7	11,260.0	6,391.6	-6,300.9	1,085.3	0.52
17,626.0	89.8	180.5	11,261.6	6,485.3	-6,395.9	1,083.5	2.03
17,721.0	89.9	180.2	11,261.8	6,579.2	-6,490.9	1,082.9	0.29
17,815.0	89.9	180.6	11,262.0	6,672.1	-6,584.9	1,082.3	0.37
17,909.0	89.8	180.8	11,262.3	6,765.0	-6,678.9	1,081.2	0.29
18,004.0	90.5	180.6	11,262.0	6,858.8	-6,773.9	1,080.0	0.75
18,098.0	90.9	180.4	11,260.9	6,951.7	-6,867.9	1,079.2	0.51
18,192.0	89.1	178.3	11,260.9	7,044.9	-6,961.8	1,080.4	2.95
18,287.0	89.5	177.8	11,262.1	7,139.3	-7,056.8	1,083.7	0.68
18,381.0	90.2	177.6	11,262.3	7,232.8	-7,150.7	1,087.5	0.78
18,475.0	90.6	177.3	11,261.7	7,326.3	-7,244.6	1,091.7	0.50
18,570.0	90.8	177.4	11,260.5	7,420.8	-7,339.5	1,096.1	0.25
18,664.0	91.1	177.3	11,259.0	7,514.4	-7,433.4	1,100.4	0.30
18,746.0	91.3	177.3	11,257.3	7,596.0	-7,515.3	1,104.3	0.27
18,803.0	91.3	177.3	11,256.0	7,652.7	-7,572.2	1,106.9	0.00

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

ACKNOWLEDGMENTS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 173547
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

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CONDITIONS

Action 173547

CONDITIONS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 173547
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	Please submit C-115s	2/3/2023