

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Caza Operating LLC 200 N. Lorraine St. #1550, Midland, TX 79701		² OGRID Number 249099	
		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30 - 0 25-46552	⁵ Pool Name WC-025 G-09 S253536D; UPR Wolfcamp		⁶ Pool Code 98228 KZ
⁷ Property Code 317657 326483	⁸ Property Name SIOUX 25-36 STATE FED COM		⁹ Well Number 11H

II. ¹⁰ Surface Location

Ul or lot no. B	Section 25	Township 25S	Range 35E	Lot Idn	Feet from the 103	North/South Line North	Feet from the 1449	East/West line East	County Lea
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¹¹ Bottom Hole Location

UL or lot no. P	Section 36	Township 25S	Range 35E	Lot Idn	Feet from the 101	North/South line South	Feet from the 962	East/West line East	County Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 12/29/2020	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
373554	Salt Creek Midstream 5825 N. Sam Houston Pkwy W. #150 Houston, TX 77086	O
24650	Versado Gas Processors Targa Midstream Services, LLC 100 Louisiana, # 4300, Houston TX 77002	G
025670	BC & V OPERATING, INC. P.O. BOX 837 HOBBS, NM 88M1-0837	W

IV. Well Completion Data

²¹ Spud Date 2/12/2020	²² Ready Date 12/29/2020	²³ TD 22160	²⁴ PBDT 22131	²⁵ Perforations 12300-22128	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
17.5		13.375		1187	
12.25		9.625		9169	
8.5		6		22147	
³⁰ Sacks Cement					
910					
2660					
3865					

V. Well Test Data

³¹ Date New Oil 1/12/2021	³² Gas Delivery Date 1/12/2021	³³ Test Date 1/29/2021	³⁴ Test Length 24	³⁵ Tbg. Pressure 877	³⁶ Csg. Pressure 2900
³⁷ Choke Size 47	³⁸ Oil 1419	³⁹ Water 3638	⁴⁰ Gas 1722		⁴¹ Test Method F

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: 	OIL CONSERVATION DIVISION
Printed name: Steve Morris	Approved by: PATRICIA MARTINEZ
Title: Engineer	Title: LM II
E-mail Address: steve.morris@morcorengineering.com	Approval Date: 3/24/2021
Date: 1/30/2021	FILE BLM 3160-4 COMPLETION REPORT WITHIN 10 DAYS TO NMOCD AFTER BLM APPROVAL.
Phone: 985-415-9729	

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: (505) 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 30-025-46552	² Pool Code 98228	³ Pool Name WC-025 G-09 S253536D; UPR WOLF CAMP
⁴ Property Code 317657 326483	Property Name SIOUX 25-36 STATE FED COM	
⁷ OGRID No. 249099	⁸ Operator Name CAZA OPERATING LLC	⁶ Well Number 11H
		⁹ Elevation 3086'

¹⁰ Surface Location

UL or lot no. B	Section 25	Township 25S	Range 35E	Lot Idn	Feet from the 103	North/South line NORTH	Feet from the 1449	East/West line EAST	County LEA
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. P	Section 36	Township 25S	Range 35E	Lot Idn	Feet from the 101	North/South line SOUTH	Feet from the 962	East/West line EAST	County LEA
¹² Dedicated Acres 320.0		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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.

SECTION 24 SECTION 19

CORNER COORDINATES
NAD 83, SPCS NM EAST
A - X: 857448.19' / Y: 394178.53'
B - X: 856126.92' / Y: 394166.83'
C - X: 856080.33' / Y: 399452.08'
D - X: 856028.64' / Y: 404744.97'
E - X: 857348.53' / Y: 404765.96'
F - X: 857398.43' / Y: 399464.49'

CORNER COORDINATES
NAD 27, SPCS NM EAST
A - X: 816260.47' / Y: 394120.56'
B - X: 814939.22' / Y: 394108.87'
C - X: 814892.83' / Y: 399393.97'
D - X: 814841.35' / Y: 404686.72'
E - X: 816161.22' / Y: 404707.70'
F - X: 816210.92' / Y: 399406.38'

SURFACE HOLE LOCATION
103' FNL 1449' FEL, SECTION 25
0' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X: 855900.79' / Y: 404639.85'
LAT: 32.10835906N / LON: 103.31740067W
NAD 27, SPCS NM EAST
X: 814713.49' / Y: 404581.60'
LAT: 32.10823210N / LON: 103.31693873W

KICK OFF POINT
83' FNL 962' FEL, SECTION 25
11452' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X: 856387.05' / Y: 404667.51'
LAT: 32.10842249N / LON: 103.31582959W
NAD 27, SPCS NM EAST
X: 815199.75' / Y: 404609.26'
LAT: 32.10829551N / LON: 103.31536771W

FIRST TAKE POINT
678' FNL 956' FEL, SECTION 25
12348' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X: 856398.99' / Y: 404072.64'
LAT: 32.10678716N / LON: 103.31580915W
NAD 27, SPCS NM EAST
X: 815211.67' / Y: 404014.41'
LAT: 32.10666017N / LON: 103.31534735W

LAST TAKE POINT
133' FSL 961' FEL, SECTION 36
22128' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X: 856485.50' / Y: 394303.00'
LAT: 32.07993278N / LON: 103.31582751W
NAD 27, SPCS NM EAST
X: 815297.79' / Y: 394245.03'
LAT: 32.07980567N / LON: 103.31536706W

BOTTOM HOLE LOCATION
101' FSL 962' FEL, SECTION 36
22160' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X: 856449.00' / Y: 394271.03'
LAT: 32.07984490N / LON: 103.31582832W
NAD 27, SPCS NM EAST
X: 815297.84' / Y: 394213.06'
LAT: 32.07971779N / LON: 103.31536788W

17 OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
Signature _____ Date 8/3/2020
Steve Morris
Printed Name
steve.morris@morcoreengineering.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.
JULY 7, 2020
Date of Survey
Signature and Seal of Professional Surveyor
Certificate Number DAVID W. MYERS 11403

SECTION 25 SECTION 30 SECTION 29 SECTION 31 SECTION 32 SECTION 6 SECTION 5

T25S R35E T25S R36E T26S R35E T26S R36E

SHL 103' 83' 678' KOP 1449' 962' 956' FTP 358' 364' 412' 360' 360' 360' 133' 101' BHL LTP 961' 962'

Nearest to the Lease Line MD = 22,128'

Furthest from the Lease Line MD = 17,350'

SHEET 1 OF 1
JOB No. R4012_003_D
REV 0 TCS 7/7/2020

Distances/areas relative to NAD 83 Combined Scale Factor: 0.99987673 Convergence Angle: 00°32'19.77000"



**Caza Operating LLC
Lea County, New Mexico (NAD 83)
30-025-46552
Sioux 25-36 State Fed Com 11H
Wellbore 1**

**MS MWD
Certified Survey Report
15 July 2020**

Field	Lea County, New Mexico (NAD 83) - Caza Operating LLC		
CRS	US-SPC83 / New Mexico Eastern Zone		
Apply Scale Factor	NO	Scale Factor	0.9999090909
System Datum	Mean Sea Level	Depth Datum->MSL	3109.99 UsFt

Well	Sioux 25-36 State Fed Com 11H		
Local North	60.04 UsFt	Local East	-0.86 UsFt
Map Northing	404639.85 US survey foot	Map Easting	855900.79 US survey foot
Latitude	32° 6' 30.093" N	Longitude	103° 19' 2.642" W
Depth Datum	WELL	Datum Elevation	3110.00 UsFt
GL Elevation	3086.00 UsFt		
Grid Convergence	0.540		

Well bore	Sioux 25-36 State Fed Com 11H - Wellbore 1		
Magnetic Model	User defined	Date	10/06/2020
Total Field (nT)	47664.60	Dip Angle (°)	59.700
Declination (°)	6.433		
VS Origin	User Defined	VS Azimuth	176.61
VS Origin NS	0.00 UsFt	VS Origin EW	0.00 UsFt

Survey Program	MS MWD		
Depth From (UsFt)	Depth To (UsFt)	Survey	Survey Tool
0.00	9080.00	Phoenix MWD	MWD+HRGM
9241.00	22160.00	MS MWD	MWD+HRGM

Survey Report									
MD UsFt	Inc °	Azi °	TVD UsFt	NS UsFt	EW UsFt	VS UsFt	DLS (°/100 UsFt)	BR (°/100 UsFt)	TR (°/100 UsFt)
9080.00	1.72	228.70	9048.38	85.92	547.07	-53.42	0.00	0.00	0.00 Tie In
9241.00	1.80	229.10	9209.30	82.67	543.34	-50.40	0.05	0.05	0.25
9334.00	2.00	225.50	9302.25	80.58	541.08	-48.44	0.25	0.22	-3.87
9429.00	2.50	220.80	9397.18	77.85	538.55	-45.86	0.56	0.53	-4.95
9523.00	2.40	221.40	9491.09	74.82	535.90	-43.00	0.11	-0.11	0.64
9617.00	2.50	226.40	9585.01	71.93	533.12	-40.28	0.25	0.11	5.32
9712.00	1.70	220.60	9679.94	69.43	530.70	-37.93	0.87	-0.84	-6.11
9808.00	1.40	198.50	9775.91	67.24	529.40	-35.81	0.69	-0.31	-23.02
9901.00	1.40	183.70	9868.88	65.02	528.97	-33.63	0.39	0.00	-15.91
9996.00	1.00	143.40	9963.86	63.20	529.39	-31.79	0.96	-0.42	-42.42
10090.00	0.90	133.30	10057.85	62.04	530.41	-30.56	0.21	-0.11	-10.74
10183.00	0.90	100.70	10150.84	61.40	531.66	-29.85	0.54	0.00	-35.05
10276.00	1.30	95.80	10243.82	61.16	533.43	-29.51	0.44	0.43	-5.27
10369.00	1.70	82.70	10336.79	61.23	535.85	-29.43	0.56	0.43	-14.09
10462.00	1.80	72.20	10429.75	61.85	538.61	-29.89	0.36	0.11	-11.29
10557.00	1.70	81.80	10524.70	62.50	541.42	-30.38	0.33	-0.11	10.11
10651.00	0.60	171.30	10618.69	62.22	542.88	-30.01	1.91	-1.17	95.21
10745.00	2.10	222.70	10712.66	60.46	541.78	-28.32	1.90	1.60	54.68
10839.00	3.60	231.00	10806.54	57.34	538.32	-25.41	1.65	1.60	8.83
10934.00	5.10	234.60	10901.27	53.02	532.56	-21.43	1.60	1.58	3.79
11028.00	6.50	240.00	10994.78	47.94	524.55	-16.84	1.60	1.49	5.74
11122.00	6.90	241.60	11088.14	42.59	514.97	-12.07	0.47	0.43	1.70
11216.00	6.00	243.50	11181.54	37.71	505.61	-7.75	0.98	-0.96	2.02
11310.00	5.40	243.10	11275.08	33.52	497.27	-4.06	0.64	-0.64	-0.43
11405.00	4.70	247.40	11369.71	30.00	489.69	-0.99	0.84	-0.74	4.53
11452.00	5.60	226.00	11416.52	27.67	486.26	1.13	4.48	1.91	-45.53
11500.00	10.60	199.80	11464.04	21.88	483.08	6.72	12.69	10.42	-54.58
11547.00	15.50	197.50	11509.82	11.82	479.72	16.57	10.48	10.43	-4.89
11594.00	20.40	194.70	11554.52	-2.10	475.75	30.23	10.58	10.43	-5.96
11641.00	23.90	184.60	11598.06	-19.53	472.91	47.46	10.98	7.45	-21.49
11689.00	27.80	182.20	11641.25	-40.41	471.70	68.23	8.41	8.13	-5.00
11783.00	36.80	175.60	11720.64	-90.51	473.02	118.32	10.27	9.57	-7.02
11876.00	43.20	179.60	11791.86	-150.18	475.38	178.03	7.41	6.88	4.30
11971.00	52.20	176.50	11855.74	-220.31	477.91	248.19	9.77	9.47	-3.26
12065.00	60.70	175.50	11907.64	-298.39	483.40	326.45	9.09	9.04	-1.06
12160.00	70.10	176.00	11947.15	-384.43	489.78	412.72	9.91	9.89	0.53
12255.00	77.10	177.80	11973.95	-475.37	494.68	503.79	7.59	7.37	1.89
12348.00	86.00	177.80	11987.61	-567.20	498.21	595.67	9.57	9.57	0.00
12380.00	89.70	177.30	11988.81	-599.15	499.57	627.64	11.67	11.56	-1.56
12397.00	91.20	177.80	11988.67	-616.13	500.30	644.63	9.30	8.82	2.94
12491.00	91.50	177.50	11986.46	-710.02	504.15	738.59	0.45	0.32	-0.32
12583.00	91.70	176.90	11983.89	-801.88	508.65	830.55	0.69	0.22	-0.65
12675.00	90.70	177.50	11981.96	-893.75	513.14	922.52	1.27	-1.09	0.65
12768.00	84.80	175.90	11985.61	-986.48	518.48	1015.41	6.57	-6.34	-1.72
12860.00	84.10	177.30	11994.51	-1077.88	523.91	1106.97	1.69	-0.76	1.52
12953.00	89.00	182.30	12000.11	-1170.65	524.23	1199.60	7.52	5.27	5.38
13045.00	88.30	180.30	12002.28	-1262.60	522.14	1291.27	2.30	-0.76	-2.17
13137.00	88.10	180.10	12005.17	-1354.55	521.82	1383.04	0.31	-0.22	-0.22
13229.00	89.20	182.20	12007.34	-1446.50	519.97	1474.72	2.58	1.20	2.28
13322.00	86.30	180.80	12010.99	-1539.39	517.54	1567.30	3.46	-3.12	-1.51

Survey Report

MD UsFt	Inc °	Azi °	TVD UsFt	NS UsFt	EW UsFt	VS UsFt	DLS (°/100 UsFt)	BR (°/100 UsFt)	TR (°/100 UsFt)
13414.00	90.40	180.70	12013.63	-1631.32	516.34	1659.00	4.46	4.46	-0.11
13508.00	90.30	179.60	12013.06	-1725.32	516.09	1752.82	1.18	-0.11	-1.17
13601.00	91.20	180.40	12011.84	-1818.31	516.09	1845.64	1.29	0.97	0.86
13696.00	91.60	180.50	12009.52	-1913.28	515.35	1940.40	0.43	0.42	0.11
13790.00	90.30	180.20	12007.96	-2007.26	514.77	2034.19	1.42	-1.38	-0.32
13885.00	91.30	180.60	12006.64	-2102.25	514.11	2128.97	1.13	1.05	0.42
13921.00	88.40	179.60	12006.73	-2138.24	514.05	2164.90	8.52	-8.06	-2.78
13980.00	90.40	180.20	12007.35	-2197.24	514.15	2223.79	3.54	3.39	1.02
14074.00	88.80	179.80	12008.01	-2291.23	514.15	2317.62	1.75	-1.70	-0.43
14168.00	92.80	179.40	12006.69	-2385.20	514.80	2411.47	4.28	4.26	-0.43
14262.00	91.90	178.20	12002.84	-2479.10	516.77	2505.32	1.59	-0.96	-1.28
14357.00	90.20	177.90	12001.10	-2574.02	520.00	2600.27	1.82	-1.79	-0.32
14451.00	88.40	176.50	12002.25	-2667.90	524.59	2694.25	2.43	-1.91	-1.49
14545.00	86.80	177.10	12006.18	-2761.66	529.84	2788.16	1.82	-1.70	0.64
14639.00	88.62	177.72	12009.94	-2855.49	534.08	2882.07	2.05	1.94	0.66
14733.00	90.42	179.21	12010.73	-2949.45	536.60	2976.01	2.49	1.91	1.59
14827.00	89.89	178.77	12010.47	-3043.43	538.26	3069.93	0.73	-0.56	-0.47
14921.00	86.29	178.86	12013.60	-3137.34	540.20	3163.80	3.83	-3.83	0.10
15015.00	88.40	180.00	12017.96	-3231.23	541.13	3257.57	2.55	2.24	1.21
15109.00	88.22	180.09	12020.73	-3325.19	541.06	3351.36	0.21	-0.19	0.10
15194.00	88.62	180.09	12023.07	-3410.16	540.92	3436.18	0.47	0.47	0.00
15286.00	89.80	180.70	12024.34	-3502.14	540.29	3527.96	1.44	1.28	0.66
15379.00	87.60	179.65	12026.45	-3595.11	540.01	3620.75	2.62	-2.37	-1.13
15473.00	87.38	179.39	12030.57	-3689.02	540.79	3714.54	0.36	-0.23	-0.28
15568.00	87.38	178.95	12034.91	-3783.91	542.17	3809.35	0.46	0.00	-0.46
15661.00	86.29	178.60	12040.05	-3876.74	544.15	3902.14	1.23	-1.17	-0.38
15756.00	86.90	179.30	12045.69	-3971.56	545.89	3996.89	0.98	0.64	0.74
15849.00	87.30	179.30	12050.39	-4064.43	547.02	4089.67	0.43	0.43	0.00
15944.00	88.09	179.65	12054.21	-4159.35	547.89	4184.47	0.91	0.83	0.37
16038.00	85.98	178.42	12059.08	-4253.21	549.47	4278.25	2.60	-2.24	-1.31
16132.00	86.29	177.89	12065.41	-4346.94	552.49	4372.01	0.65	0.33	-0.56
16227.00	86.20	178.33	12071.63	-4441.69	555.62	4466.77	0.47	-0.09	0.46
16322.00	86.59	178.42	12077.61	-4536.46	558.31	4561.54	0.42	0.41	0.09
16417.00	86.81	177.45	12083.08	-4631.24	561.73	4656.35	1.05	0.23	-1.02
16510.00	86.90	177.89	12088.18	-4724.02	565.50	4749.20	0.48	0.10	0.47
16604.00	87.30	178.42	12092.93	-4817.85	568.52	4843.04	0.71	0.43	0.56
16698.00	86.29	176.66	12098.19	-4911.62	572.55	4936.88	2.16	-1.07	-1.87
16792.00	86.42	176.66	12104.17	-5005.27	578.02	5030.69	0.14	0.14	0.00
16887.00	86.59	176.93	12109.96	-5099.94	583.32	5125.51	0.34	0.18	0.28
16979.00	90.59	178.68	12112.22	-5191.82	586.84	5217.44	4.75	4.35	1.90
17073.00	90.90	179.12	12111.00	-5285.80	588.64	5311.36	0.57	0.33	0.47
17166.00	90.11	178.68	12110.18	-5378.78	590.43	5404.28	0.97	-0.85	-0.47
17261.00	90.68	178.60	12109.52	-5473.75	592.68	5499.21	0.61	0.60	-0.08
17350.00	92.22	178.86	12107.27	-5562.69	594.65	5588.12	1.75	1.73	0.29
17450.00	88.48	181.23	12106.66	-5662.67	594.58	5687.92	4.43	-3.74	2.37
17544.00	86.29	182.99	12110.95	-5756.50	591.12	5781.38	2.99	-2.33	1.87
17638.00	89.80	184.22	12114.16	-5850.24	585.21	5874.61	3.96	3.73	1.31
17733.00	94.90	183.69	12110.26	-5944.90	578.67	5968.72	5.40	5.37	-0.56
17828.00	94.51	178.95	12102.47	-6039.53	576.49	6063.05	4.99	-0.41	-4.99
17922.00	92.31	178.16	12096.88	-6133.33	578.86	6156.82	2.49	-2.34	-0.84
18015.00	92.40	177.72	12093.05	-6226.19	582.20	6249.72	0.48	0.10	-0.47
18110.00	92.48	178.51	12089.01	-6321.05	585.32	6344.60	0.84	0.08	0.83
18204.00	90.51	180.88	12086.56	-6415.00	585.82	6438.42	3.28	-2.10	2.52
18299.00	90.29	180.97	12085.89	-6509.99	584.28	6533.15	0.25	-0.23	0.09
18394.00	90.29	181.58	12085.41	-6604.96	582.17	6627.83	0.64	0.00	0.64
18490.00	90.20	181.67	12085.00	-6700.92	579.45	6723.46	0.13	-0.09	0.09
18584.00	90.29	181.58	12084.60	-6794.89	576.78	6817.10	0.14	0.10	-0.10
18679.00	91.78	181.58	12082.88	-6889.83	574.16	6911.73	1.57	1.57	0.00
18775.00	92.31	180.53	12079.46	-6985.75	572.40	7007.37	1.22	0.55	-1.09
18869.00	92.70	181.32	12075.35	-7079.65	570.88	7101.02	0.94	0.41	0.84
18963.00	92.22	181.32	12071.32	-7173.54	568.72	7194.61	0.51	-0.51	0.00
19058.00	92.22	181.41	12067.64	-7268.44	566.46	7289.22	0.09	0.00	0.09
19153.00	93.19	179.12	12063.15	-7363.32	566.02	7383.91	2.62	1.02	-2.41
19249.00	92.88	178.95	12058.07	-7459.18	567.63	7479.69	0.37	-0.32	-0.18
19343.00	92.79	179.12	12053.42	-7553.05	569.21	7573.49	0.20	-0.10	0.18
19437.00	91.91	178.95	12049.56	-7646.95	570.79	7667.33	0.95	-0.94	-0.18
19531.00	91.52	179.56	12046.75	-7740.90	572.01	7761.18	0.77	-0.41	0.65
19626.00	92.40	179.21	12043.50	-7835.84	573.03	7856.01	1.00	0.93	-0.37
19721.00	92.00	178.86	12039.86	-7930.76	574.63	7950.86	0.56	-0.42	-0.37
19815.00	91.60	178.77	12036.90	-8024.69	576.58	8044.74	0.44	-0.43	-0.10
19911.00	92.09	179.83	12033.81	-8120.63	577.75	8140.59	1.22	0.51	1.10
20006.00	89.58	179.21	12032.43	-8215.61	578.54	8235.45	2.72	-2.64	-0.65
20100.00	88.79	178.68	12033.76	-8309.58	580.27	8329.36	1.01	-0.84	-0.56
20196.00	88.62	179.56	12035.93	-8405.55	581.75	8425.24	0.93	-0.18	0.92
20291.00	88.40	179.47	12038.40	-8500.51	582.55	8520.08	0.25	-0.23	-0.09
20386.00	88.22	180.53	12041.21	-8595.47	582.55	8614.88	1.13	-0.19	1.12
20479.00	88.31	179.91	12044.02	-8688.43	582.20	8707.65	0.67	0.10	-0.67
20574.00	87.60	179.56	12047.41	-8783.36	582.63	8802.45	0.83	-0.75	-0.37

Survey Report

MD UsFt	Inc °	Azi °	TVD UsFt	NS UsFt	EW UsFt	VS UsFt	DLS (°/100 UsFt)	BR (°/100 UsFt)	TR (°/100 UsFt)
20669.00	88.00	179.83	12051.06	-8878.29	583.14	8897.24	0.51	0.42	0.28
20764.00	89.89	182.37	12052.81	-8973.25	581.32	8991.92	3.33	1.99	2.67
20859.00	89.98	180.35	12052.92	-9068.21	579.06	9086.59	2.13	0.09	-2.13
20954.00	88.22	179.65	12054.41	-9163.20	579.06	9181.41	1.99	-1.85	-0.74
21049.00	88.00	179.47	12057.54	-9258.14	579.79	9276.23	0.30	-0.23	-0.19
21143.00	88.48	180.26	12060.43	-9352.10	580.01	9370.03	0.98	0.51	0.84
21238.00	89.49	179.91	12062.11	-9447.08	579.87	9464.84	1.13	1.06	-0.37
21332.00	88.09	179.39	12064.10	-9541.06	580.44	9558.68	1.59	-1.49	-0.55
21427.00	88.70	180.35	12066.76	-9636.02	580.66	9653.49	1.20	0.64	1.01
21523.00	89.80	179.91	12068.01	-9732.01	580.44	9749.30	1.23	1.15	-0.46
21617.00	89.41	179.56	12068.66	-9826.00	580.88	9843.16	0.56	-0.41	-0.37
21713.00	90.90	179.56	12068.40	-9922.00	581.61	9939.03	1.55	1.55	0.00
21806.00	90.42	179.56	12067.33	-10014.99	582.33	10031.90	0.52	-0.52	0.00
21901.00	88.62	179.39	12068.13	-10109.98	583.20	10126.77	1.90	-1.89	-0.18
21996.00	88.22	179.47	12070.75	-10204.94	584.14	10221.62	0.43	-0.42	0.08
22090.00	87.69	179.91	12074.10	-10298.87	584.65	10315.42	0.73	-0.56	0.47
22160.00	87.69	179.91	12076.92	-10368.82	584.76	10385.25	0.00	0.00	0.00 PTB

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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 16416

CONDITIONS OF APPROVAL

Operator:	CAZA OPERATING, LLC	200 N Loraine St	OGRID:	249099	Action Number:	16416	Action Type:	C-104C
	Suite 1550	Midland, TX79701						
OCD Reviewer	Condition							
plmartinez	None							