

Well Name: Stetson 7 Federal Com	Well Location: T21S / R33E / SEC 7 / SESW / 32.488298 / -103.614153	County or Parish/State: LEA / NM
Well Number: 702H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM50346	Unit or CA Name:	Unit or CA Number:
US Well Number: 300254672300X1	Well Status: Drilling Well	Operator: CHISHOLM ENERGY OPERATING LLC

Notice of Intent

Type of Submission: Notice of Intent	Type of Action Other
Date Sundry Submitted: 03/23/2021	Time Sundry Submitted: 09:29
Date proposed operation will begin: 03/22/2021	
Procedure Description: CHANGE WELL NAME AND NUMBER FROM: STETSON 7 FEDERAL COM 702H TO: SOMBRERO 18 WCA FED COM 5H	

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

SOMBRERO_18_FED_WCA_COM_5H_REV_PLAT_03222021_20210323092639.pdf

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Well Name: Stetson 7 Federal Com	Well Location: T21S / R33E / SEC 7 / SESW / 32.488298 / -103.614153	County or Parish/State: LEA / NM
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Lease Number: NMNM50346	Unit or CA Name:	Unit or CA Number:
US Well Number: 300254672300X1	Well Status: Drilling Well	Operator: CHISHOLM ENERGY OPERATING LLC

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: JENNIFER ELROD	Signed on: MAR 23, 2021 09:29 AM
Name: CHISHOLM ENERGY OPERATING LLC	
Title: Senior Regulatory Technician	
Street Address: 801 CHERRY STREET, SUITE 1200-UNIT 20	
City: Fort Worth	State: TX
Phone: (817) 953-3728	
Email address: jelrod@chisholmenergy.com	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752342234	BLM POC Email Address: cwalls@blm.gov
Disposition: Approved	Disposition Date: 04/30/2021
Signature: Chris Walls	

Well Name: Stetson 7 Federal Com	Well Location: T21S / R33E / SEC 7 / SESW / 32.488298 / -103.614153	County or Parish/State: LEA / NM
Well Number: 702H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM50346	Unit or CA Name:	Unit or CA Number:
US Well Number: 300254672300X1	Well Status: Approved Application for Permit to Drill	Operator: CHISHOLM ENERGY OPERATING LLC

Notice of Intent

Type of Submission: Notice of Intent	Type of Action Other
Date Sundry Submitted: 03/23/2021	Time Sundry Submitted: 09:37
Date proposed operation will begin: 03/22/2021	

Procedure Description: FILED NAME CHANGE SUNDRY ON 03/23/2021 CHANGE SHL/KOP FROM: 700 FSL, 1515 FWL TO: 775 FSL, 1755 FWL (32.488298, -103.614153) CHANGE LP/FTP FROM: 100 FNL, 825 FWL TO: 100 FNL, 1040 FWL (32.4858941, -103.616471) CHANGE LTP/BHL FROM: 100 FSL, 825 FWL TO: 100 FSL, 1040 FWL (32.471926, -103.616481)

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Plot___Chisholm_Sombrero_18_Fed_WCA_Com_5H_Rev0_CVS_28Jan21_20210323093634.pdf
- SOMBRERO_18_FED_WCA_COM_5H_SITE_MAP_03222021_20210323093609.pdf
- SOMBRERO_18_FED_WCA_COM_5H_REV_PLAT_03222021_20210323093553.pdf

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Well Number: 702H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM50346	Unit or CA Name:	Unit or CA Number:
US Well Number: 300254672300X1	Well Status: Approved Application for Permit to Drill	Operator: CHISHOLM ENERGY OPERATING LLC

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: JENNIFER ELROD	Signed on: MAR 23, 2021 09:36 AM
Name: CENTENNIAL RESOURCE PRODUCTION LLC	
Title: Senior Regulatory Technician	
Street Address: 801 CHERRY STREET, SUITE 1200-UNIT 20	
City: Fort Worth	State: TX
Phone: (817) 953-3728	
Email address: jelrod@chisholmenergy.com	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752342234	BLM POC Email Address: cwalls@blm.gov
Disposition: Approved	Disposition Date: 05/26/2021
Signature: Chris Walls	

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) 746-3460 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 PLAT

¹ API Number 30-025-46723	² Pool Code 98033	³ Pool Name WC-025 G-10 S2133280; WOLFCAMP
⁴ Property Code 326865	⁵ Property Name SOMBRERO 18 WCA FED COM	⁶ Well Number 5H
⁷ OGRID No. 372137	⁸ Operator Name CHISHOLM ENERGY OPERATING, LLC	⁹ Elevation 3900.3'

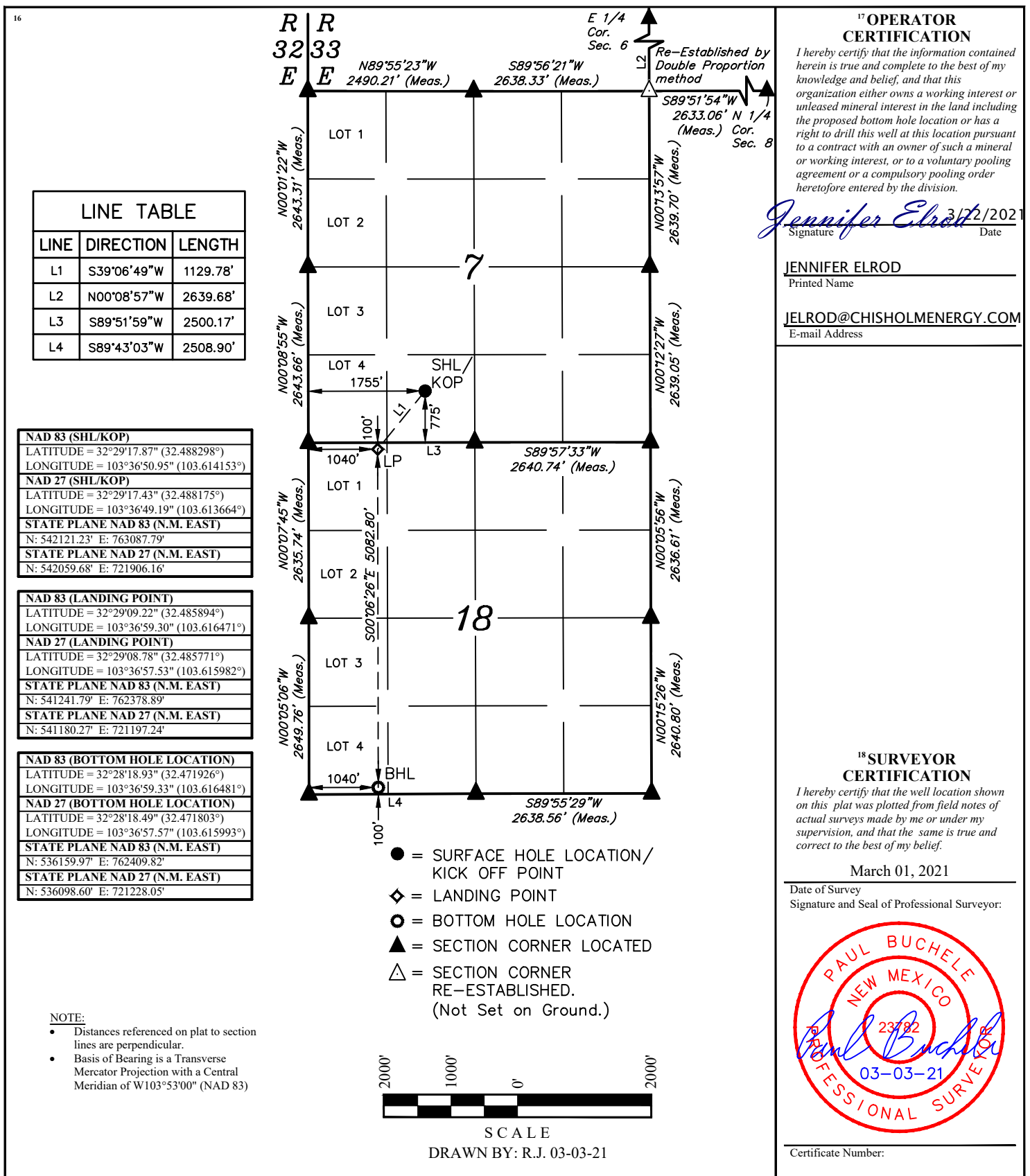
¹⁰ Surface Location

UL or lot no. N	Section 7	Township 21S	Range 33E	Lot Idn	Feet from the 775	North/South line SOUTH	Feet from the 1755	East/West line WEST	County LEA
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. 4	Section 18	Township 21S	Range 33E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 1040	East/West line WEST	County LEA
¹² Dedicated Acres 143.56		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.



Intent ☒ As Drilled ☐

API # 30-025-46723		
Operator Name: CHISHOLM ENERGY OPERATING, LLC	Property Name: SOMBRERO 18 WCA FED COM	Well Number 5H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	7	21S	33E		775	SOUTH	1755	WEST	LEA
Latitude 32.488298					Longitude -103.614153				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	18	21S	33E	1	100	NORTH	1040	WEST	LEA
Latitude 32.485894					Longitude -103.616471				NAD 83

Last Take Point (LTP)

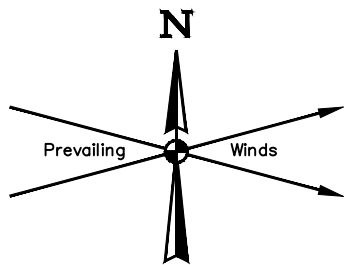
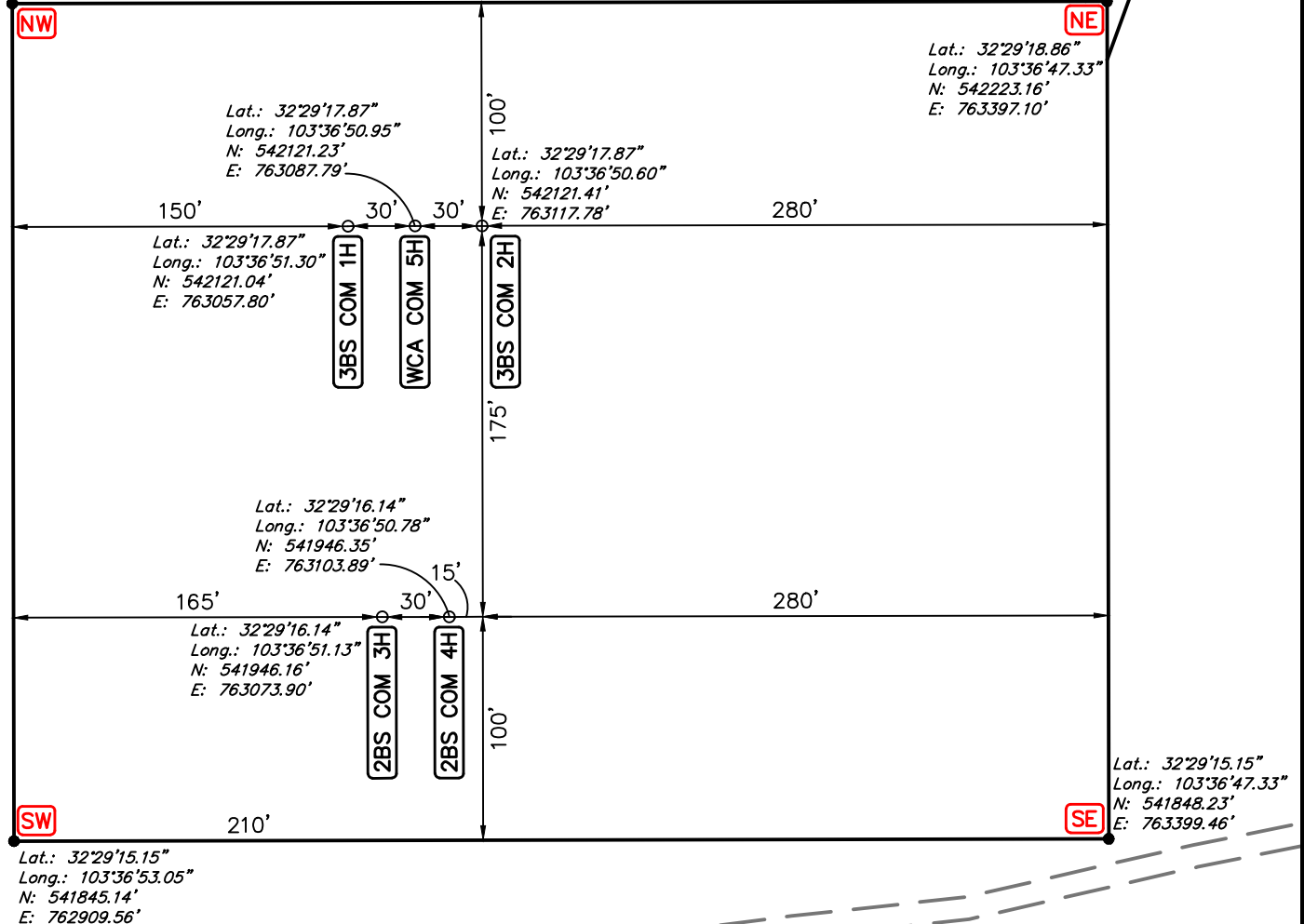
UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	18	21S	33E	4	100	SOUTH	1040	WEST	LEA
Latitude 32.471926					Longitude -103.616481				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐ YESIs this well an infill well? ☐ NO

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Existing 2-Track
(Needs Upgraded)Beginning of
Proposed Access Road
Lat.: 32°29'41.07"
Long.: 103°36'46.75"
N: 544467.77'
E: 763431.73'Lat.: 32°29'20.21"
Long.: 103°36'46.75"
N: 542359.74'
E: 763446.07'Lat.: 32°29'18.86"
Long.: 103°36'53.05"
N: 542220.07'
E: 762907.20'**NOTES:**

- Coordinates shown are New Mexico Coordinate system of 1983, East Zone, U.S. feet.
- Latitudes and Longitudes shown are NAD 83.

CHISHOLM ENERGY OPERATING, LLC

**SOMBRERO 18 FED 3BS COM 1H, 2H,
2BS COM 3H, 4H & WCA COM 5H
SE 1/4 SW 1/4, SECTION 7, T21S, R33E, N.M.P.M.
LEA COUNTY, NEW MEXICO**

SURVEYED BY	B.W.B., R.H.C., M.M.D.	03-01-21	SCALE
DRAWN BY	R.J.	03-03-21	1" = 80'
SITE PLAN			



UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

-CHANGE WELL NAME AND NUMBER FROM: STETSON 7 FEDERAL COM 702H TO:
SOMBRERO 18 WCA FED COM 5H

-CHANGE SHL/KOP FROM: 700 FSL, 1515
FWL TO: 775 FSL, 1755 FWL (32.488298, -103.614153) CHANGE LP/FTP FROM: 100 FNL, 825 FWL
TO: 100 FNL,
1040 FWL (32.4858941, -103.616471) CHANGE LTP/BHL FROM: 100 FSL, 825 FWL TO: 100 FSL,
1040 FWL
(32.471926, -103.616481)



Chisholm Sombbrero 18 Fed WCA Com 5H Rev0 CVS 28Jan21 Proposal Geodetic Report (Def Plan)

Report Date: January 29, 2021 - 12:56 PM
Client: Chisholm
Field: NM Lea County (NAD 83)
Structure / Slot: Chisholm Sombbrero Pad / Sombbrero 18 Fed WCA Com 5H
Well: Sombbrero 18 Fed WCA Com 5H
Borehole: Sombbrero 18 Fed WCA Com 5H
UWI / API#: Unknown / Unknown
Survey Name: Chisholm Sombbrero 18 Fed WCA Com 5H Rev0 CVS 28Jan21
Survey Date: January 29, 2021
Tort / AHD / DDI / ERD Ratio: 109.735 ° / 5978.813 ft / 5.967 / 0.499
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 29' 17.09844", W 103° 36' 53.74440"
Location Grid N/E Y/X: N 542041.297 ftUS, E 762848.965 ftUS
CRS Grid Convergence Angle: 0.3859 °
Grid Scale Factor: 0.99996528
Version / Patch: 2.10.824.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 179.600 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 3928.000 ft above MSL
Seabed / Ground Elevation: 3902.000 ft above MSL
Magnetic Declination: 6.493 °
Total Gravity Field Strength: 998.4599mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 47940.667 nT
Magnetic Dip Angle: 60.273 °
Declination Date: January 29, 2021
Magnetic Declination Model: HDGM 2020
North Reference: Grid North
Grid Convergence Used: 0.3859 °
Total Corr Mag North->Grid North: 6.1075 °
Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
SHL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	542041.30	762848.97	N 32 29 17.10	W 103 36 53.74
Nudge 2" DLS	1500.00	0.00	206.74	1500.00	0.00	0.00	0.00	0.00	542041.30	762848.97	N 32 29 17.10	W 103 36 53.74
Hold	1850.00	7.00	206.74	1849.13	19.00	-19.07	-9.61	2.00	542022.23	762839.36	N 32 29 16.91	W 103 36 53.86
Drop 2" DLS	7200.00	7.00	206.74	7159.25	599.21	-601.34	-302.97	0.00	541439.97	762546.01	N 32 29 11.17	W 103 36 57.33
Hold Vertical	7550.00	0.00	206.74	7508.38	618.22	-620.41	-312.58	2.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44
KOP/Build/Turn	11304.41	0.00	206.74	11262.79	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44
10" DLS	11854.41	55.00	204.50	11732.13	839.83	-842.74	-413.90	10.00	541198.59	762435.08	N 32 29 8.79	W 103 36 58.64
Build 10" DLS	12261.75	88.50	179.60	11859.70	1210.51	-1213.92	-484.65	10.00	540827.42	762364.33	N 32 29 5.12	W 103 36 59.50
Landing Point												
Chisholm												
Sombbrero 18	16922.41	88.50	179.60	11981.70	5869.57	-5872.87	-451.78	0.00	536168.64	762397.21	N 32 28 19.02	W 103 36 59.48
Fed WCA Com												
5H - BHL												

Survey Type: Def Plan

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma

Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Expected Max Inclination (deg)	Survey Tool Type	Borehole / Survey
	1	0.000	26.000	1/100.000	17.500	13.375		NAL_MWD_1.0_DEG-Depth Only	Sombbrero 18 Fed WCA Com 5H / Chisholm Sombbrero 18 Fed WCA Com 5H Rev0 CVS 28Jan21
	1	26.000	1500.000	1/100.000	17.500	13.375		NAL_MWD_1.0_DEG	Sombbrero 18 Fed WCA Com 5H / Chisholm Sombbrero 18 Fed WCA
	1	1500.000	11304.000	1/100.000	12.250	9.625		NAL_MWD_1.0_DEG	Sombbrero 18 Fed WCA Com 5H / Chisholm Sombbrero 18 Fed WCA
	1	11304.000	12262.000	1/100.000	8.750	7.000		NAL_MWD_1.0_DEG	Sombbrero 18 Fed WCA Com 5H / Chisholm Sombbrero 18 Fed WCA
	1	12262.000	16922.414	1/100.000	8.500	5.500		NAL_MWD_1.0_DEG	Sombbrero 18 Fed WCA Com 5H / Chisholm Sombbrero 18 Fed WCA



Chisholm Sombbrero 18 Fed WCA Com 5H Rev0 CVS 28Jan21 Proposal Geodetic Report (Def Plan)

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SHL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	542041.30	762848.97	N 32 29 17.10	W 103 36 53.74
	100.00	0.00	206.74	100.00	0.00	0.00	0.00	0.00	542041.30	762848.97	N 32 29 17.10	W 103 36 53.74
	200.00	0.00	206.74	200.00	0.00	0.00	0.00	0.00	542041.30	762848.97	N 32 29 17.10	W 103 36 53.74
	300.00	0.00	206.74	300.00	0.00	0.00	0.00	0.00	542041.30	762848.97	N 32 29 17.10	W 103 36 53.74
	400.00	0.00	206.74	400.00	0.00	0.00	0.00	0.00	542041.30	762848.97	N 32 29 17.10	W 103 36 53.74
	500.00	0.00	206.74	500.00	0.00	0.00	0.00	0.00	542041.30	762848.97	N 32 29 17.10	W 103 36 53.74
	600.00	0.00	206.74	600.00	0.00	0.00	0.00	0.00	542041.30	762848.97	N 32 29 17.10	W 103 36 53.74
	700.00	0.00	206.74	700.00	0.00	0.00	0.00	0.00	542041.30	762848.97	N 32 29 17.10	W 103 36 53.74
	800.00	0.00	206.74	800.00	0.00	0.00	0.00	0.00	542041.30	762848.97	N 32 29 17.10	W 103 36 53.74
	900.00	0.00	206.74	900.00	0.00	0.00	0.00	0.00	542041.30	762848.97	N 32 29 17.10	W 103 36 53.74
	1000.00	0.00	206.74	1000.00	0.00	0.00	0.00	0.00	542041.30	762848.97	N 32 29 17.10	W 103 36 53.74
	1100.00	0.00	206.74	1100.00	0.00	0.00	0.00	0.00	542041.30	762848.97	N 32 29 17.10	W 103 36 53.74
	1200.00	0.00	206.74	1200.00	0.00	0.00	0.00	0.00	542041.30	762848.97	N 32 29 17.10	W 103 36 53.74
	1300.00	0.00	206.74	1300.00	0.00	0.00	0.00	0.00	542041.30	762848.97	N 32 29 17.10	W 103 36 53.74
	1400.00	0.00	206.74	1400.00	0.00	0.00	0.00	0.00	542041.30	762848.97	N 32 29 17.10	W 103 36 53.74
Nudge 2° DLS	1500.00	0.00	206.74	1500.00	0.00	0.00	0.00	0.00	542041.30	762848.97	N 32 29 17.10	W 103 36 53.74
	1600.00	2.00	206.74	1599.98	1.55	-1.56	-0.79	2.00	542039.74	762848.18	N 32 29 17.08	W 103 36 53.75
Rustler	1697.16	3.94	206.74	1697.00	6.03	-6.06	-3.05	2.00	542035.24	762845.91	N 32 29 17.04	W 103 36 53.78
	1700.00	4.00	206.74	1699.84	6.21	-6.23	-3.14	2.00	542035.07	762845.83	N 32 29 17.04	W 103 36 53.78
	1800.00	6.00	206.74	1799.45	13.97	-14.02	-7.06	2.00	542027.28	762841.90	N 32 29 16.96	W 103 36 53.83
Hold	1850.00	7.00	206.74	1849.13	19.00	-19.07	-9.61	2.00	542022.23	762839.36	N 32 29 16.91	W 103 36 53.86
	1900.00	7.00	206.74	1898.76	24.43	-24.51	-12.35	0.00	542016.79	762836.62	N 32 29 16.86	W 103 36 53.89
Salado	1914.35	7.00	206.74	1913.00	25.98	-26.07	-13.14	0.00	542015.22	762835.83	N 32 29 16.84	W 103 36 53.90
	2000.00	7.00	206.74	1998.01	35.27	-35.40	-17.83	0.00	542005.90	762831.13	N 32 29 16.75	W 103 36 53.96
	2100.00	7.00	206.74	2097.27	46.12	-46.28	-23.32	0.00	541995.02	762825.65	N 32 29 16.64	W 103 36 54.02
	2200.00	7.00	206.74	2196.52	56.96	-57.16	-28.80	0.00	541984.14	762820.17	N 32 29 16.53	W 103 36 54.09
	2300.00	7.00	206.74	2295.78	67.81	-68.05	-34.28	0.00	541973.25	762814.68	N 32 29 16.43	W 103 36 54.15
	2400.00	7.00	206.74	2395.03	78.65	-78.93	-39.77	0.00	541962.37	762809.20	N 32 29 16.32	W 103 36 54.21
	2500.00	7.00	206.74	2494.28	89.50	-89.81	-45.25	0.00	541951.49	762803.72	N 32 29 16.21	W 103 36 54.28
	2600.00	7.00	206.74	2593.54	100.34	-100.70	-50.73	0.00	541940.60	762798.23	N 32 29 16.11	W 103 36 54.34
	2700.00	7.00	206.74	2692.79	111.19	-111.58	-56.22	0.00	541929.72	762792.75	N 32 29 16.00	W 103 36 54.41
	2800.00	7.00	206.74	2792.05	122.03	-122.46	-61.70	0.00	541918.84	762787.27	N 32 29 15.89	W 103 36 54.47
	2900.00	7.00	206.74	2891.30	132.88	-133.35	-67.18	0.00	541907.95	762781.78	N 32 29 15.78	W 103 36 54.54
	3000.00	7.00	206.74	2990.56	143.72	-144.23	-72.67	0.00	541897.07	762776.30	N 32 29 15.68	W 103 36 54.60
	3100.00	7.00	206.74	3089.81	154.57	-155.12	-78.15	0.00	541886.19	762770.82	N 32 29 15.57	W 103 36 54.67
	3200.00	7.00	206.74	3189.07	165.41	-166.00	-83.63	0.00	541875.30	762765.33	N 32 29 15.46	W 103 36 54.73
Yates	3294.64	7.00	206.74	3283.00	175.67	-176.30	-88.82	0.00	541865.00	762760.14	N 32 29 15.36	W 103 36 54.80
	3300.00	7.00	206.74	3288.32	176.26	-176.88	-89.12	0.00	541864.42	762759.85	N 32 29 15.35	W 103 36 54.80
	3400.00	7.00	206.74	3387.58	187.10	-187.77	-94.60	0.00	541853.54	762754.37	N 32 29 15.25	W 103 36 54.86
	3500.00	7.00	206.74	3486.83	197.95	-198.65	-100.08	0.00	541842.65	762748.88	N 32 29 15.14	W 103 36 54.93
Capitan Reef	3506.22	7.00	206.74	3493.00	198.62	-199.33	-100.43	0.00	541841.98	762748.54	N 32 29 15.13	W 103 36 54.93
	3600.00	7.00	206.74	3586.09	208.79	-209.53	-105.57	0.00	541831.77	762743.40	N 32 29 15.03	W 103 36 54.99
	3700.00	7.00	206.74	3685.34	219.64	-220.42	-111.05	0.00	541820.89	762737.92	N 32 29 14.92	W 103 36 55.06
	3800.00	7.00	206.74	3784.59	230.48	-231.30	-116.53	0.00	541810.00	762732.43	N 32 29 14.82	W 103 36 55.12
	3900.00	7.00	206.74	3883.85	241.33	-242.18	-122.02	0.00	541799.12	762726.95	N 32 29 14.71	W 103 36 55.19
	4000.00	7.00	206.74	3983.10	252.17	-253.07	-127.50	0.00	541788.24	762721.47	N 32 29 14.60	W 103 36 55.25
	4100.00	7.00	206.74	4082.36	263.02	-263.95	-132.98	0.00	541777.35	762715.98	N 32 29 14.50	W 103 36 55.32
	4200.00	7.00	206.74	4181.61	273.86	-274.84	-138.47	0.00	541766.47	762710.50	N 32 29 14.39	W 103 36 55.38
	4300.00	7.00	206.74	4280.87	284.71	-285.72	-143.95	0.00	541755.59	762705.02	N 32 29 14.28	W 103 36 55.45
	4400.00	7.00	206.74	4380.12	295.55	-296.60	-149.44	0.00	541744.71	762699.54	N 32 29 14.17	W 103 36 55.51
	4500.00	7.00	206.74	4479.38	306.40	-307.49	-154.92	0.00	541733.82	762694.05	N 32 29 14.07	W 103 36 55.58
	4600.00	7.00	206.74	4578.63	317.24	-318.37	-160.40	0.00	541722.94	762688.57	N 32 29 13.96	W 103 36 55.64
	4700.00	7.00	206.74	4677.89	328.09	-329.25	-165.89	0.00	541712.06	762683.09	N 32 29 13.85	W 103 36 55.71
	4800.00	7.00	206.74	4777.14	338.93	-340.14	-171.37	0.00	541701.17	762677.60	N 32 29 13.74	W 103 36 55.77
	4900.00	7.00	206.74	4876.40	349.78	-351.02	-176.85	0.00	541690.29	762672.12	N 32 29 13.64	W 103 36 55.84
	5000.00	7.00	206.74	4975.65	360.62	-361.90	-182.34	0.00	541679.41	762666.64	N 32 29 13.53	W 103 36 55.90
	5100.00	7.00	206.74	5074.90	371.47	-372.79	-187.82	0.00	541668.52	762661.15	N 32 29 13.42	W 103 36 55.97
	5200.00	7.00	206.74	5174.16	382.31	-383.67	-193.30	0.00	541657.64	762655.67	N 32 29 13.32	W 103 36 56.03
	5300.00	7.00	206.74	5273.41	393.16	-394.56	-198.79	0.00	541646.76	762650.19	N 32 29 13.21	W 103 36 56.10
	5400.00	7.00	206.74	5372.67	404.00	-405.44	-204.27	0.00	541635.87	762644.70	N 32 29 13.10	W 103 36 56.16
	5500.00	7.00	206.74	5471.92	414.85	-416.32	-209.75	0.00	541624.99	762639.22	N 32 29 12.99	W 103 36 56.23
	5600.00	7.00	206.74	5571.18	425.69	-427.21	-215.24	0.00	541614.11	762633.74	N 32 29 12.89	W 103 36 56.29
	5700.00	7.00	206.74	5670.43	436.54	-438.09	-220.72	0.00	541603.22	762628.25	N 32 29 12.78	W 103 36 56.36
Delaware Mtn Gr	5758.00	7.00	206.74	5728.00	442.83	-444.40	-223.90	0.00	541596.91	762625.07	N 32 29 12.72	W 103 36 56.39
	5800.00	7.00	206.74	5769.69	447.38	-448.97	-226.20	0.00	541592.34	762622.77	N 32 29 12.67	W 103 36 56.42
	5900.00	7.00	206.74	5868.94	458.23	-459.86	-231.69	0.00	541581.46	762617.29	N 32 29 12.56	W 103 36 56.49
	6000.00	7.00	206.74	5968.20	469.07	-470.74	-237.17	0.00	541570.57	762611.80	N 32 29 12.46	W 103 36 56.55
	6100.00	7.00	206.74	6067.45	479.92	-481.62	-242.65	0.00	541559.69	762606.32	N 32 29 12.35	W 103 36 56.62
	6200.00	7.00	206.74	6166.71	490.76	-492.51	-248.14	0.00	541548.81	762600.84	N 32 29 12.24	W 103 36 56.68
	6300.00	7.00	206.74	6265.96	501.61	-503.39	-253.62	0.00	541537.92	762595.35	N 32 29 12.13	W 103 36 56.74
	6400.00	7.00	206.74	6365.21	512.45	-514.28	-259.10	0.00	541527.04	762589.87	N 32 29 12.03	W 103 36 56.81
	6500.00	7.00	206.74	6464.47	523.30	-525.16	-264.59	0.00	541516.16	762584.39	N 32 29 11.92	W 103 36 56.87
	6600.00	7.00	206.74	6563.72	534.14	-536.04						

	MD	Incl	Azim Grid	TVD	VSEC	NS	EW	DLS	Northing	Easting	Latitude	Longitude	
	(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(ftUS)	(ftUS)	(N/S ° ' ")	(E/W ° ' ")	
Drop 2" DLS	7100.00	7.00	206.74	7060.00	588.37	-590.46	-297.49	0.00	541450.86	762551.49	N 32 29 11.28	W 103 36 57.26	
	7200.00	7.00	206.74	7159.25	599.21	-601.34	-302.97	0.00	541439.97	762546.01	N 32 29 11.17	W 103 36 57.33	
	7300.00	5.00	206.74	7258.70	608.52	-610.68	-307.67	2.00	541430.64	762541.30	N 32 29 11.08	W 103 36 57.38	
	7400.00	3.00	206.74	7358.45	614.72	-616.91	-310.81	2.00	541424.41	762538.16	N 32 29 11.02	W 103 36 57.42	
	7500.00	1.00	206.74	7458.38	617.83	-620.02	-312.38	2.00	541421.29	762536.59	N 32 29 10.98	W 103 36 57.44	
Hold Vertical	7550.00	0.00	206.74	7508.38	618.22	-620.41	-312.58	2.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	7600.00	0.00	206.74	7558.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	7700.00	0.00	206.74	7658.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	7800.00	0.00	206.74	7758.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	7900.00	0.00	206.74	7858.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	8000.00	0.00	206.74	7958.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	8100.00	0.00	206.74	8058.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	8200.00	0.00	206.74	8158.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	8300.00	0.00	206.74	8258.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	8400.00	0.00	206.74	8358.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	8500.00	0.00	206.74	8458.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	8600.00	0.00	206.74	8558.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	8700.00	0.00	206.74	8658.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	8799.62	0.00	206.74	8758.00	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	Bone Spring	8800.00	0.00	206.74	8758.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44
8900.00		0.00	206.74	8858.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
9000.00		0.00	206.74	8958.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
9100.00		0.00	206.74	9058.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
9200.00		0.00	206.74	9158.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
9300.00		0.00	206.74	9258.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
9400.00		0.00	206.74	9358.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
9500.00		0.00	206.74	9458.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
9600.00		0.00	206.74	9558.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
9700.00		0.00	206.74	9658.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
9800.00		0.00	206.74	9758.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
9844.62		0.00	206.74	9803.00	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
9900.00		0.00	206.74	9858.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
10000.00		0.00	206.74	9958.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
10100.00		0.00	206.74	10058.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
10200.00	0.00	206.74	10158.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44		
10300.00	0.00	206.74	10258.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44		
2nd Bone Spring SS	10399.62	0.00	206.74	10358.00	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	10400.00	0.00	206.74	10358.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	10500.00	0.00	206.74	10458.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	10600.00	0.00	206.74	10558.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	10700.00	0.00	206.74	10658.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	10800.00	0.00	206.74	10758.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	10900.00	0.00	206.74	10858.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	11000.00	0.00	206.74	10958.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	11100.00	0.00	206.74	11058.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	11200.00	0.00	206.74	11158.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	11300.00	0.00	206.74	11258.38	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44	
	KOP;Build/Turn 10" DLS	11304.41	0.00	206.74	11262.79	618.22	-620.41	-312.58	0.00	541420.91	762536.40	N 32 29 10.98	W 103 36 57.44
	3rd Bone Spring SS	11384.88	8.05	204.50	11343.00	623.33	-625.55	-314.92	10.00	541415.77	762534.06	N 32 29 10.93	W 103 36 57.47
	Wolfcamp	11400.00	9.56	204.50	11357.94	625.43	-627.65	-315.88	10.00	541413.67	762533.10	N 32 29 10.91	W 103 36 57.48
		11500.00	19.56	204.50	11454.61	648.21	-650.50	-326.29	10.00	541390.82	762522.69	N 32 29 10.68	W 103 36 57.60
		11600.00	29.56	204.50	11545.44	685.86	-688.27	-343.50	10.00	541353.05	762505.47	N 32 29 10.31	W 103 36 57.81
Build 10" DLS	11641.78	33.74	204.50	11581.00	705.74	-708.22	-352.59	10.00	541333.11	762496.39	N 32 29 10.11	W 103 36 57.92	
	11700.00	39.56	204.50	11627.69	737.25	-739.83	-367.00	10.00	541301.50	762481.98	N 32 29 9.80	W 103 36 58.09	
	11800.00	49.56	204.50	11698.85	800.81	-803.59	-396.06	10.00	541237.74	762452.92	N 32 29 9.17	W 103 36 58.43	
Landing Point	11854.41	55.00	204.50	11732.13	839.83	-842.74	-413.90	10.00	541198.59	762435.08	N 32 29 8.79	W 103 36 58.64	
	11900.00	58.53	201.05	11757.12	874.88	-877.89	-428.63	10.00	541163.43	762420.35	N 32 29 8.44	W 103 36 58.82	
	12000.00	66.56	194.32	11803.23	959.16	-962.36	-455.37	10.00	541078.97	762393.61	N 32 29 7.61	W 103 36 59.14	
	12100.00	74.84	188.37	11836.28	1051.45	-1054.79	-473.79	10.00	540986.55	762375.20	N 32 29 6.69	W 103 36 59.36	
	12200.00	83.26	182.88	11855.27	1148.97	-1152.37	-483.33	10.00	540888.97	762365.65	N 32 29 5.73	W 103 36 59.48	
	12261.75	88.50	179.60	11859.70	1210.51	-1213.92	-484.65	10.00	540827.42	762364.33	N 32 29 5.12	W 103 36 59.50	
	12300.00	88.50	179.60	11860.70	1248.74	-1252.15	-484.38	0.00	540789.19	762364.60	N 32 29 4.74	W 103 36 59.50	
	12400.00	88.50	179.60	11863.32	1348.71	-1352.12	-483.68	0.00	540689.23	762365.30	N 32 29 3.75	W 103 36 59.50	
	12500.00	88.50	179.60	11865.94	1448.67	-1452.08	-482.97	0.00	540589.27	762366.01	N 32		

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	16700.00	88.50	179.60	11975.88	5647.23	-5650.54	-453.35	0.00	536390.97	762395.64	N 32 28 21.22	W 103 36 59.48
	16800.00	88.50	179.60	11978.49	5747.20	-5750.50	-452.64	0.00	536291.01	762396.34	N 32 28 20.23	W 103 36 59.48
	16900.00	88.50	179.60	11981.11	5847.17	-5850.46	-451.93	0.00	536191.05	762397.05	N 32 28 19.24	W 103 36 59.48
Chisholm Sombbrero 18 Fed WCA Com 5H - BHL	16922.41	88.50	179.60	11981.70	5869.57	-5872.87	-451.78	0.00	536168.64	762397.21	N 32 28 19.02	W 103 36 59.48

Survey Type: Def Plan

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma
Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Expected Max Inclination (deg)	Survey Tool Type	Borehole / Survey
	1	0.000	26.000	1/100.000	17.500	13.375		NAL_MWD_1.0_DEG-Depth Only	Sombbrero 18 Fed WCA Com 5H / Chisholm Sombbrero 18 Fed WCA Com 5H Rev0 CVS 28Jan21
	1	26.000	1500.000	1/100.000	17.500	13.375		NAL_MWD_1.0_DEG	Sombbrero 18 Fed WCA Com 5H / Chisholm Sombbrero 18 Fed WCA
	1	1500.000	11304.000	1/100.000	12.250	9.625		NAL_MWD_1.0_DEG	Sombbrero 18 Fed WCA Com 5H / Chisholm Sombbrero 18 Fed WCA
	1	11304.000	12262.000	1/100.000	8.750	7.000		NAL_MWD_1.0_DEG	Sombbrero 18 Fed WCA Com 5H / Chisholm Sombbrero 18 Fed WCA
	1	12262.000	16922.414	1/100.000	8.500	5.500		NAL_MWD_1.0_DEG	Sombbrero 18 Fed WCA Com 5H / Chisholm Sombbrero 18 Fed WCA

District I

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District IV

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

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

CONDITIONS

Action 33135

CONDITIONS

Operator: CHISHOLM ENERGY OPERATING, LLC 801 Cherry Street Fort Worth, TX 76102	OGRID: 372137
	Action Number: 33135
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	9/21/2021