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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
DISTRICT II-ARTESIA O.C.D.
☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44330		² Pool Code 98220		³ Pool Name PURPLE SAGE; WOLFCAMP	
⁴ Property Code 326339		⁵ Property Name DARK CANYON 15-22 WCA STATE COM			⁶ Well Number 5H
⁷ OGRID No. 372137		⁸ Operator Name CHISHOLM ENERGY OPERATING, LLC			⁹ Elevation 3325.5

¹⁰ Surface Location									
UL or lot no. D	Section 15	Township 23 S	Range 26 E	Lot Idn	Feet from the 230	North/South line NORTH	Feet from the 640	East/West line WEST	County EDDY

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. F	Section 22	Township 23 S	Range 26 E	Lot Idn	Feet from the 2190	North/South line NORTH	Feet from the 1810	East/West line WEST	County EDDY
¹² Dedicated Acres 480		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.

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. <i>Jennifer Elrod</i> 11/07/2019 Signature Date JENNIFER ELROD Printed Name JELROD@CHISHOLMENERGY.COM E-mail Address		¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. SEPTEMBER 23, 2019 Date of Survey <i>William F. Jaramillo</i> Signature and Seal of Professional Surveyor Certificate Number: 12797 PROFESSIONAL SURVEYOR NO. 7512A	
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RwP 11-18-19

RECEIVED

NOV 14 2019

DISTRICT/ARTESIAO.C.D.

Intent ☒ As Drilled ☐API #
30-015-44330

Operator Name: CHISHOLM ENERGY OPERATING, LLC	Property Name: DARK CANYON 15-22 WCA	Well Number 5H
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Kick Off Point (KOP)

UL D	Section 15	Township 23S	Range 26E	Lot	Feet 230	From N/S NORTH	Feet 640	From E/W WEST	County EDDY
Latitude 32.3109963					Longitude 104.2875923			NAD 83	

First Take Point (FTP)

UL C	Section 15	Township 23S	Range 26E	Lot	Feet 330	From N/S NORTH	Feet 1810	From E/W WEST	County EDDY
Latitude 32.3108001					Longitude 104.2838059			NAD 83	

Last Take Point (LTP)

UL F	Section 22	Township 23S	Range 26E	Lot	Feet 2190	From N/S NORTH	Feet 1810	From E/W WEST	County EDDY
Latitude 32.2907627					Longitude 104.2837946			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit?

☒ NO

Is this well an infill well?

☒ YES

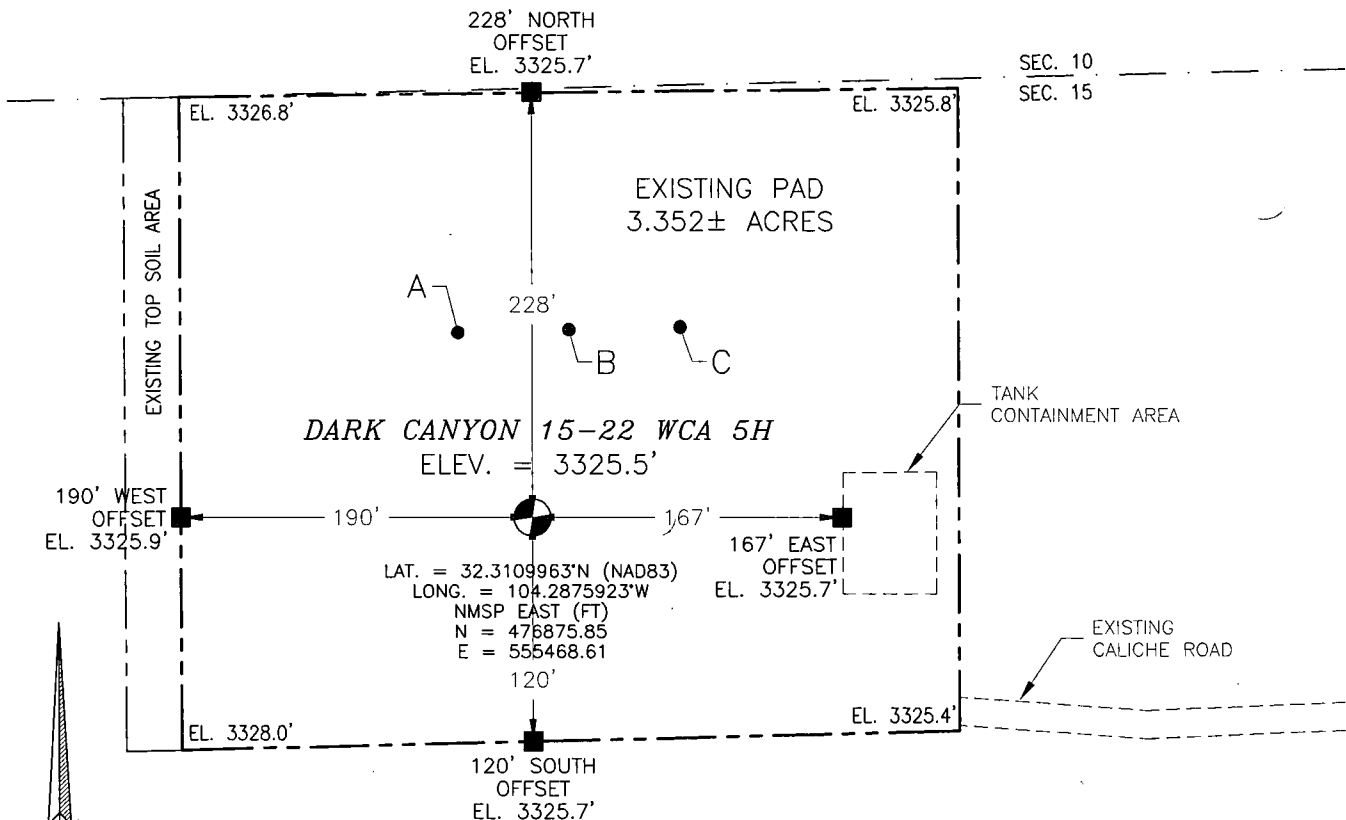
If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API # 30-015-44538	Operator Name: CHISHOLM ENERGY OPERATING, LLC	Property Name: DARK CANYON 15-22 STATE COM WCB	Well Number 2H
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KZ 06/29/2018

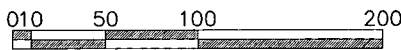
SECTION 15, TOWNSHIP 23 SOUTH, RANGE 26 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
SITE MAP

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE



EXISTING WELLS

- A - DARK CANYON 22-15 STATE WCB 2H
- B - DARK CANYON 22-15 STATE WCA 3H
- C - DARK CANYON 22-15 STATE 3BS 4H



DIRECTIONS TO LOCATION

FROM US HIGHWAY 62-180 AND CR. 408 (DARK CANYON) GO NORTH ON US HIGHWAY 62-180 1.5 MILES, TURN LEFT AND GO WEST ON AIRPORT QUARRY ROAD 0.6 OF A MILE, TURN RIGHT ON LEASE ROAD AND GO NORTH 0.35 OF A MILE, TURN LEFT AND GO WEST 0.4 OF A MILE TO THE SOUTHEAST PAD CORNER OF EXISTING PAD FOR THIS LOCATION.

CHISHOLM ENERGY OPERATING, LLC
DARK CANYON 15-22 WCA 5H
LOCATED 230 FT. FROM THE NORTH LINE
AND 640 FT. FROM THE WEST LINE OF
SECTION 15, TOWNSHIP 23 SOUTH,
RANGE 26 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

SEPTEMBER 23, 2019

SURVEY NO. 7512A

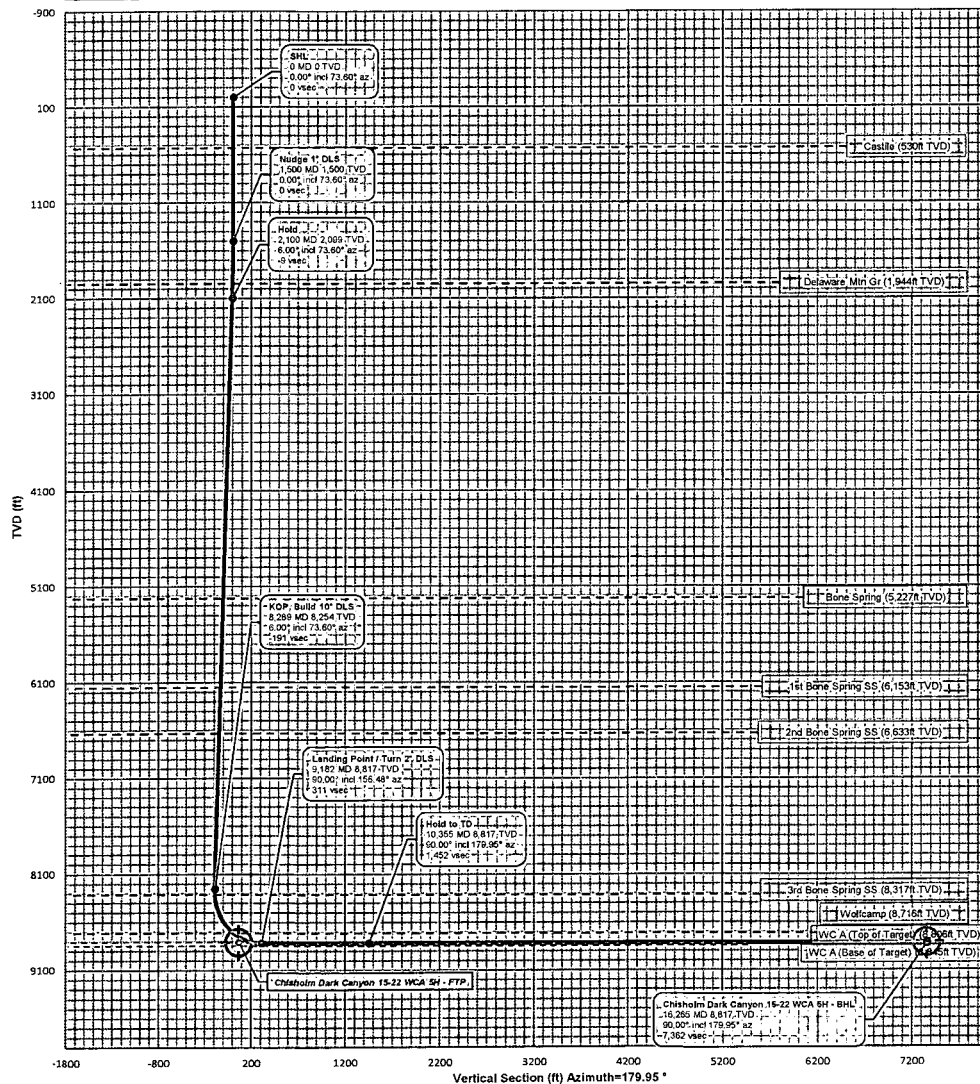
I, FILMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFICATE NO. 10000, AND AM RESPONSIBLE FOR THIS SURVEY, THAT THE SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND THAT I HAVE MET THE MINIMUM STANDARDS.

9/23/19

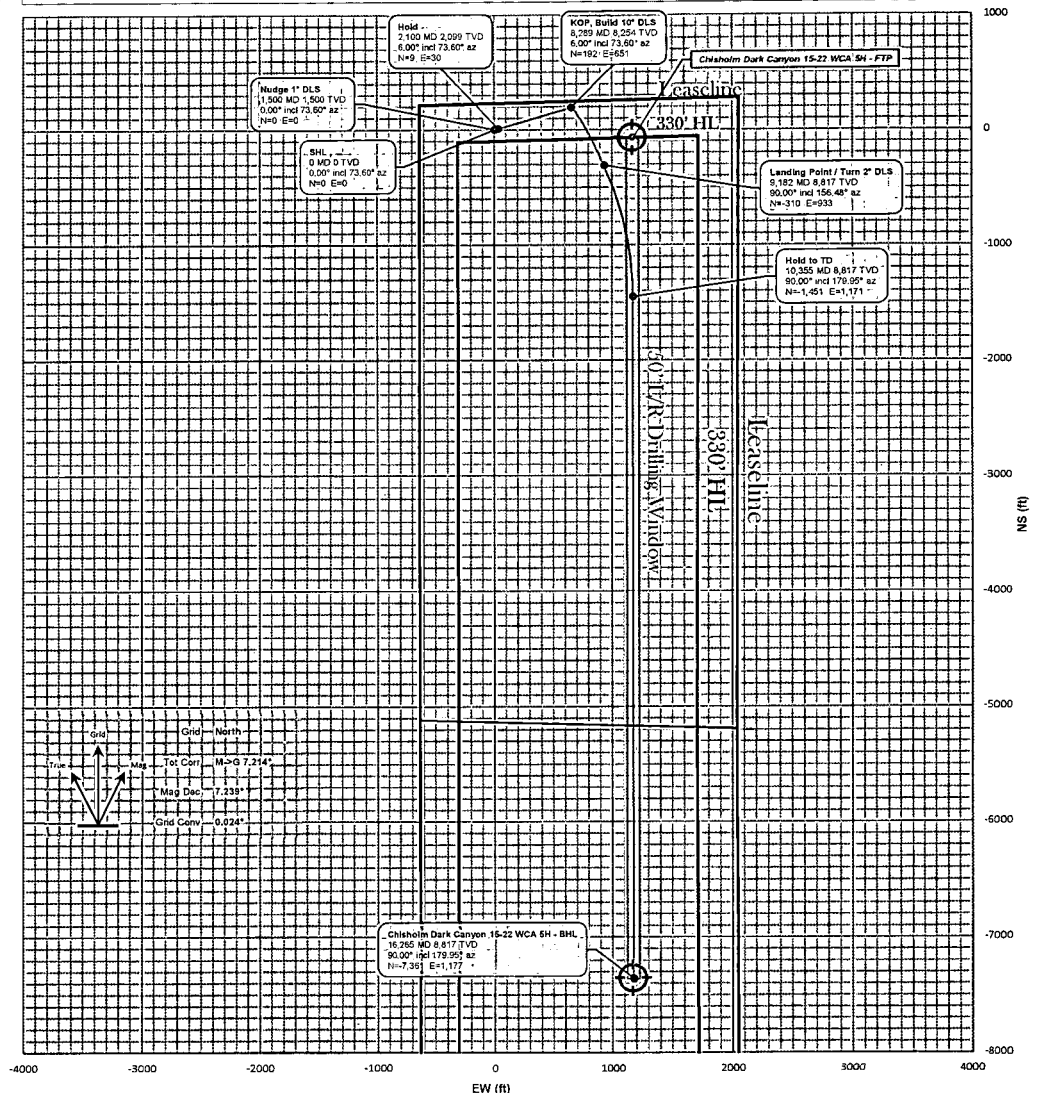
FILMON F. JARAMILLO, PROFESSIONAL SURVEYOR, 301 SOUTH CANAL, CARLSBAD, NEW MEXICO 88502, (575) 234-3341

MALDONADO SURVEYING, INC.

BOREHOLE			WELL					RIEFL			STRUCTURE			
Dark Canyon 15-22 WCA 5H			Dark Canyon 15-22 WCA 5H					NM Eddy County (NAD 83)			Chisholm Dark Canyon 15-22 WCA 5H			
Critical Point	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (deg/100ft)	GRAVITY & MAGNETICS PARAMETERS			SURFACE LOCATION NAD83 New Mexico State Plane, Eastern Zone, US Feet		
SHL	0.00	0.00	73.60	0.00	0.00	0.00	0.00	0.00	Model HDGM 2019 GARM	Dip 59.945°	Date 15-Oct-19	Lat 32°18'39.59"N	Northing 476,875.85 ftUS	Grid Conv 0.024°
13.375 in Casing	1,107.30	0.00	73.60	1,107.30	0.00	0.00	0.00	0.00	MagDec 7.233°	FS 47,823.669mT	Gravity FS 998.463mgn (9.80665 Based)	Lon 104°17'15.33"W	Easting 555,468.61 ftUS	Scale Fact 0.99990932
Nudge 1" DLS	1,500.00	0.00	73.60	1,500.00	0.00	0.00	0.00	0.00	MISCELLANEOUS					
Hold	2,100.00	6.00	73.60	2,098.90	-8.84	8.88	30.11	1.00						
9.625 in Casing	8,208.30	6.00	73.60	8,174.74	-188.60	189.16	642.72	0.00						
KOP, Build 10" DLS	8,288.02	6.00	73.60	8,254.02	-190.95	191.52	650.72	0.00						
Landing Point / Turn 2" DLS	9,181.59	90.00	156.48	8,816.50	311.19	-310.38	933.16	10.00	Slot			TVD Reference RKB (3356.500 ft above MSL)		
Hold to TD	10,354.99	90.00	179.95	8,816.50	1,452.04	-1,451.02	1,171.20	2.00	Plan Chisholm Dark Canyon 15-22 WCA 5H R0 IC 04Nov19			Seabed / Ground Elevation 3325.500 ft above MSL		
Chisholm Dark Canyon 15-22	16,264.84	50.00	179.95	8,816.50	7,361.88	-7,360.86	1,176.77							



Schlumberger-Private





Report

[illegible][illegible]

Survey Type:

Def Plan

Standard Error Mean(s) EXPONENTIAL 1 - (1 - 85 % Confidence 2 7000 items

Survey Error Model
Survey Program:

Case/Link	Part	MID from 201	MID to 201	End Flag	Price Rate (USD)	Change Element	Expanded Mile Reduction	Survey Test Type	Barcode / Survey
	1	0 000	1 000 000	1 000 000	17 800			NAL_MWD_1_0_003	Dash Canyon 01 23 WGA (11)
	1	1 000 000	0 268 000	1 100 000	12 230			NAL_MWD_1_0_003	Dash Canyon 12 23 WGA (14)
	1	0 268 000	0 181 360	1 000 000	0 750			NAL_MWD_1_0_003	Dash Canyon 13 23 WGA (14)
	1	0 181 360	0 136 240	1 000 000	0 800			NAL_MWD_1_0_003	Dash Canyon 15 23 WGA (14)

Chisholm Dark Canyon 15-22 WCA 5H R0 IC 04Nov19 Proposal Geodetic Report

Report

Der Plan

[illegible]

Comments	MD	Ind	Asm	TVD	Tress	WSEC	AND	MS
SHL	0.00	0.00	73.60	0.06	-3,326.50	0.00	0.00	0.00
1314	0.00	0.00	73.60	0.06	-3,326.50	0.00	0.00	0.00
1315	0.00	0.00	73.60	0.06	-3,326.50	0.00	0.00	0.00
1316	0.00	0.00	73.60	0.06	-3,326.50	0.00	0.00	0.00
1317	1,900.00	0.00	73.60	1,500.00	-1,836.50	0.00	0.00	0.00
Nudge T 1,LS	1,900.00	0.00	73.60	1,500.00	-1,836.50	0.00	0.00	0.00
1318	2,000.00	0.00	73.60	1,600.00	-1,936.50	0.00	0.00	0.00
1319	2,100.00	0.00	73.60	1,700.00	-2,036.50	0.00	0.00	0.00
1320	2,200.00	0.00	73.60	1,800.00	-2,136.50	0.00	0.00	0.00
1321	2,300.00	0.00	73.60	1,900.00	-2,236.50	0.00	0.00	0.00
1322	2,400.00	0.00	73.60	2,000.00	-2,336.50	0.00	0.00	0.00
1323	2,500.00	0.00	73.60	2,100.00	-2,436.50	0.00	0.00	0.00
1324	2,600.00	0.00	73.60	2,200.00	-2,536.50	0.00	0.00	0.00
1325	2,700.00	0.00	73.60	2,300.00	-2,636.50	0.00	0.00	0.00
1326	2,800.00	0.00	73.60	2,400.00	-2,736.50	0.00	0.00	0.00
1327	2,900.00	0.00	73.60	2,500.00	-2,836.50	0.00	0.00	0.00
1328	3,000.00	0.00	73.60	2,600.00	-2,936.50	0.00	0.00	0.00
1329	3,100.00	0.00	73.60	2,700.00	-3,036.50	0.00	0.00	0.00
1330	3,200.00	0.00	73.60	2,800.00	-3,136.50	0.00	0.00	0.00
1331	3,300.00	0.00	73.60	2,900.00	-3,236.50	0.00	0.00	0.00
1332	3,400.00	0.00	73.60	3,000.00	-3,336.50	0.00	0.00	0.00
1333	3,500.00	0.00	73.60	3,100.00	-3,436.50	0.00	0.00	0.00
1334	3,600.00	0.00	73.60	3,200.00	-3,536.50	0.00	0.00	0.00
1335	3,700.00	0.00	73.60	3,300.00	-3,636.50	0.00	0.00	0.00
1336	3,800.00	0.00	73.60	3,400.00	-3,736.50	0.00	0.00	0.00
1337	3,900.00	0.00	73.60	3,500.00	-3,836.50	0.00	0.00	0.00
1338	4,000.00	0.00	73.60	3,600.00	-3,936.50	0.00	0.00	0.00
1339	4,100.00	0.00	73.60	3,700.00	-4,036.50	0.00	0.00	0.00
1340	4,200.00	0.00	73.60	3,800.00	-4,136.50	0.00	0.00	0.00
1341	4,300.00	0.00	73.60	3,900.00	-4,236.50	0.00	0.00	0.00
1342	4,400.00	0.00	73.60	4,000.00	-4,336.50	0.00	0.00	0.00
1343	4,500.00	0.00	73.60	4,100.00	-4,436.50	0.00	0.00	0.00
1344	4,600.00	0.00	73.60	4,200.00	-4,536.50	0.00	0.00	0.00
1345	4,700.00	0.00	73.60	4,300.00	-4,636.50	0.00	0.00	0.00
1346	4,800.00	0.00	73.60	4,400.00	-4,736.50	0.00	0.00	0.00
1347	4,900.00	0.00	73.60	4,500.00	-4,836.50	0.00	0.00	0.00
1348	5,000.00	0.00	73.60	4,600.00	-4,936.50	0.00	0.00	0.00
1349	5,100.00	0.00	73.60	4,700.00	-5,036.50	0.00	0.00	0.00
1350	5,200.00	0.00	73.60	4,800.00	-5,136.50	0.00	0.00	0.00
1351	5,300.00	0.00	73.60	4,900.00	-5,236.50	0.00	0.00	0.00
1352	5,400.00	0.00	73.60	5,000.00	-5,336.50	0.00	0.00	0.00
1353	5,500.00	0.00	73.60	5,100.00	-5,436.50	0.00	0.00	0.00
1354	5,600.00	0.00	73.60	5,200.00	-5,536.50	0.00	0.00	0.00
1355	5,700.00	0.00	73.60	5,300.00	-5,636.50	0.00	0.00	0.00
1356	5,800.00	0.00	73.60	5,400.00	-5,736.50	0.00	0.00	0.00
1357	5,900.00	0.00	73.60	5,500.00	-5,836.50	0.00	0.00	0.00
1358	6,000.00	0.00	73.60	5,600.00	-5,936.50	0.00	0.00	0.00
1359	6,100.00	0.00	73.60	5,700.00	-6,036.50	0.00	0.00	0.00
1360	6,200.00	0.00	73.60	5,800.00	-6,136.50	0.00	0.00	0.00
1361	6,300.00	0.00	73.60	5,900.00	-6,236.50	0.00	0.00	0.00
1362	6,400.00	0.00	73.60	6,000.00	-6,336.50	0.00	0.00	0.00
1363	6,500.00	0.00	73.60	6,100.00	-6,436.50	0.00	0.00	0.00
1364	6,600.00	0.00	73.60	6,200.00	-6,536.50	0.00	0.00	0.00
1365	6,700.00	0.00	73.60	6,300.00	-6,636.50	0.00	0.00	0.00
1366	6,800.00	0.00	73.60	6,400.00	-6,736.50	0.00	0.00	0.00
1367	6,900.00	0.00	73.60	6,500.00	-6,836.50	0.00	0.00	0.00
1368	7,000.00	0.00	73.60	6,600.00	-6,936.50	0.00	0.00	0.00
1369	7,100.00	0.00	73.60	6,700.00	-7,036.50	0.00	0.00	0.00
1370	7,200.00	0.00	73.60	6,800.00	-7,136.50	0.00	0.00	0.00
1371	7,300.00	0.00	73.60	6,900.00	-7,236.50	0.00	0.00	0.00
1372	7,400.00	0.00	73.60	7,000.00	-7,336.50	0.00	0.00	0.00
1373	7,500.00	0.00	73.60	7,100.00	-7,436.50	0.00	0.00	0.00
1374	7,600.00	0.00	73.60	7,200.00	-7,536.50	0.00	0.00	0.00
1375	7,700.00	0.00	73.60	7,300.00	-7,636.50	0.00	0.00	0.00
1376	7,800.00	0.00	73.60	7,400.00	-7,736.50	0.00	0.00	0.00
1377	7,900.00	0.00	73.60	7,500.00	-7,836.50	0.00	0.00	0.00
1378	8,000.00	0.00	73.60	7,600.00	-7,936.50	0.00	0.00	0.00
1379	8,100.00	0.00	73.60	7,700.00	-8,036.50	0.00	0.00	0.00
1380	8,200.00	0.00	73.60	7,800.00	-8,136.50	0.00	0.00	0.00
1381	8,300.00	0.00	73.60	7,900.00	-8,236.50	0.00	0.00	0.00
1382	8,400.00	0.00	73.60	8,000.00	-8,336.50	0.00	0.00	0.00
1383	8,500.00	0.00	73.60	8,100.00	-8,436.50	0.00	0.00	0.00
1384	8,600.00	0.00	73.60	8,200.00	-8,536.50	0.00	0.00	0.00
1385	8,700.00	0.00	73.60	8,300.00	-8,636.50	0.00	0.00	0.00
1386	8,800.00	0.00	73.60	8,400.00	-8,736.50	0.00	0.00	0.00
1387	8,900.00	0.00	73.60	8,500.00	-8,836.50	0.00	0.00	0.00
1388	9,000.00	0.00	73.60	8,600.00	-8,936.50	0.00	0.00	0.00
1389	9,100.00	0.00	73.60	8,700.00	-9,036.50	0.00	0.00	0.00
1390	9,200.00	0.00	73.60	8,800.00	-9,136.50	0.00	0.00	0.00
1391	9,300.00	0.00	73.60	8,900.00	-9,236.50	0.00	0.00	0.00
1392	9,400.00	0.00	73.60	9,000.00	-9,336.50	0.00	0.00	0.00
1393	9,500.00	0.00	73.60	9,100.00	-9,436.50	0.00	0.00	0.00
1394	9,600.00	0.00	73.60	9,200.00	-9,536.50	0.00	0.00	0.00
1395	9,700.00	0.00	73.60	9,300.00	-9,636.50	0.00	0.00	0.00
1396	9,800.00	0.00	73.60	9,400.00	-9,736.50	0.00	0.00	0.00
1397	9,900.00	0.00	73.60	9,500.00	-9,836.50	0.00	0.00	0.00
1398	10,000.00	0.00	73.60	9,600.00	-9,936.50	0.00	0.00	0.00
1399	10,100.00	0.00	73.60	9,700.00	-10,036.50	0.00	0.00	0.00
1400	10,200.00	0.00	73.60	9,800.00	-10,136.50	0.00	0.00	0.00
1401	10,300.00	0.00	73.60	9,900.00	-10,236.50	0.00	0.00	0.00
1402	10,400.00	0.00	73.60	10,000.00	-10,336.50	0.00	0.00	0.00
1403	10,500.00	0.00	73.60	10,100.00	-10,436.50	0.00	0.00	0.00
1404	10,600.00	0.00	73.60	10,200.00	-10,536.50	0.00	0.00	0.00
1405	10,700.00	0.00	73.60	10,300.00	-10,636.50	0.00	0.00	0.00
1406	10,800.00	0.00	73.60	10,400.00	-10,736.50	0.00	0.00	0.00
1407	10,900.00	0.00	73.60	10,500.00	-10,836.50	0.00	0.00	0.00
1408	11,000.00	0.00	73.60	10,600.00	-10,936.50	0.00	0.00	0.00
1409	11,100.00	0.00	73.60	10,700.00	-11,036.50	0.00	0.00	0.00
1410	11,200.00	0.00	73.60	10,800.00	-11,136.50	0.00	0.00	0.00
1411	11,300.00	0.00	73.60	10,900.00	-11,236.50	0.00	0.00	0.00
1412	11,400.00	0.00	73.60	11,000.00	-11,336.50	0.00	0.00	0.00
1413	11,500.00	0.00	73.60	11,100.00	-11,436.50	0.00	0.00	0.00
1414	11,600.00	0.00	73.60	11,200.00	-11,536.50	0.00	0.00	0.00
1415	11,700.00	0.00	73.60	11,300.00	-11,636.50	0.00	0.00	0.00
1416	11,800.00	0.00	73.60	11,400.00	-11,736.50	0.00	0.00	0.00
1417	11,900.00	0.00	73.60	11,500.00	-11,836.50	0.00	0.00	0.00
1418	12,000.00	0.00	73.60	11,600.00	-11,936.50	0.00	0.00	0.00
1419	12,100.00	0.00	73.60	11,700.00	-12,036.50	0.00	0.00	0.00
1420	12,200.00	0.00	73.60	11,800.00	-12,136.50	0.00	0.00	0.00
1421	12,300.00	0.00	73.60	11,900.00	-12,236.50	0.00	0.00	0.00
1422	12,400.00	0.00	73.60	12,000.00	-12,336.50	0.00	0.00	0.00
1423	12,500.00	0.00	73.60	12,100.00	-12,436.50	0.00	0.00	0.00
1424	12,600.00	0.00	73.60	12,200.00	-12,536.50	0.00	0.00	0.00
1425	12,700.00	0.00	73.60	12,300.00	-12,636.50	0.00	0.00	0.00
1426	12,800.00	0.00	73.60	12,400.00	-12,736.50	0.00	0.00	0.00
1427	12,900.00	0.00	73.60	12,500.00	-12,836.50	0.00	0.00	0.00
1428	13,000.00	0.00	73.60	12,600.00	-12,936.50	0.00	0.00	0.00
1429	13,100.00	0.00	73.60	12,700.00	-13,036.50	0.00	0.00	0.00
1430	13,200.00	0.00	73.60	12,800.00	-13,136.50	0.00	0.00	0.00
1431	13,300.00	0.00	73.60	12,900.00	-13,236.50	0.00	0.00	0.00
1432	13,400.00	0.00	73.60	13,000.00	-13,336.50	0.00	0.00	0.00
1433	13,500.00	0.00	73.60	13,100.00	-13,436.50	0.00	0.00	0.00
1434	13,600.00	0.00	73.60	13,200.00	-13,536.50	0.00	0.00	0.00
1435	13,700.00	0.00	73.60	13,300.00	-13,636.50	0.00	0.00	0.00
1436	13,800.00	0.00	73.60	13,400.00	-13,736.50	0.00	0.00	0

1	0.005	1/100,000	1/100,000	17,500	NAL_MW0_10_DEG	Dark Canyon 15-22 WGS, 5H / -
1	1,500,000	6,299,000	1/100,000	12,250	NAL_MW0_10_DEG	Dark Canyon 15-22 WGS, 5H / -
1	8,289,000	9,181,590	1/100,000	8,750	NAL_MW0_10_DEG	Dark Canyon 15-22 WGS, 5H / -
1	9,181,590	10,264,840	1/100,000	8,900	NAL_MW0_10_DEG	Dark Canyon 15-22 WGS, 5H / -

Chisholm Dark Canyon 15-22 WCA 5H R0 IC 04Nov19 Proposal Geodetic Report

Report Date:	November 04, 2019 - 04:43 PM (UTC-5)	Survey / GCS Compensation:	Marathon Geomatics / Lubbock
Client:	Chisholm Dark Canyon 15-22 WCA 5H	Vertical Datum:	1985 US (NAD83) Mean
Field:	Chisholm Dark Canyon 15-22 WCA 5H	Horizontal Datum:	1985 US (NAD83) Mean
Well:	Dark Canyon 15-22 WCA 5H	YVD Reference Datum:	1985 US (NAD83) Mean
Unit / Log:	Chisholm Dark Canyon 15-22 WCA 5H	YVD Reference Datum:	1985 US (NAD83) Mean
Survey Name:	Chisholm Dark Canyon 15-22 WCA 5H IC 04Nov19	YVD Reference Datum:	1985 US (NAD83) Mean
Coordinate Reference System:	NAD83 / WGS 84 / UTM / Zone 15N	YVD Reference Datum:	1985 US (NAD83) Mean
Location:	Chisholm Dark Canyon 15-22 WCA 5H	YVD Reference Datum:	1985 US (NAD83) Mean
Coordinate Reference System:	NAD83 / WGS 84 / UTM / Zone 15N	YVD Reference Datum:	1985 US (NAD83) Mean
Location:	Chisholm Dark Canyon 15-22 WCA 5H	YVD Reference Datum:	1985 US (NAD83) Mean
Coordinate Reference System:	NAD83 / WGS 84 / UTM / Zone 15N	YVD Reference Datum:	1985 US (NAD83) Mean
Location:	Chisholm Dark Canyon 15-22 WCA 5H	YVD Reference Datum:	1985 US (NAD83) Mean

Comments	MD (ft)	Incl (°)	Azim (°)	TVDS (ft)	VSEC (ft)	Antd (ft)	NS (ft)	EW (ft)	Depth (ft)	Delta TVQ (ft)	DLS (ft)	IR (ft)	TR (ft)	GTP (ft)	MP (ft)	TS (ft)	Northings (ft)	Eastings (ft)	Latitude (ft)	Longitude (ft)	Chassis (ft)	Chassis Arm (ft)	Chassis Head (ft)	Turnover (ft)	ERP Rate (ft)
Curb	100.00	0.00	73.60	100.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	200.00	0.00	73.60	200.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	300.00	0.00	73.60	300.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	400.00	0.00	73.60	400.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	500.00	0.00	73.60	500.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	600.00	0.00	73.60	600.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	700.00	0.00	73.60	700.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	800.00	0.00	73.60	800.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	900.00	0.00	73.60	900.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	1000.00	0.00	73.60	1000.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
Noble 1" DLS	1100.00	0.00	73.60	1100.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	1200.00	0.00	73.60	1200.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	1300.00	0.00	73.60	1300.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	1400.00	0.00	73.60	1400.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	1500.00	0.00	73.60	1500.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	1600.00	0.00	73.60	1600.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	1700.00	0.00	73.60	1700.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	1800.00	0.00	73.60	1800.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	1900.00	0.00	73.60	1900.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	2000.00	0.00	73.60	2000.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
Columbus Allen Cr	2100.00	0.00	73.60	2100.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	2200.00	0.00	73.60	2200.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	2300.00	0.00	73.60	2300.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	2400.00	0.00	73.60	2400.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	2500.00	0.00	73.60	2500.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	2600.00	0.00	73.60	2600.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	2700.00	0.00	73.60	2700.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	2800.00	0.00	73.60	2800.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	2900.00	0.00	73.60	2900.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	3000.00	0.00	73.60	3000.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
Held	3100.00	0.00	73.60	3100.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	3200.00	0.00	73.60	3200.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	3300.00	0.00	73.60	3300.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	3400.00	0.00	73.60	3400.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	3500.00	0.00	73.60	3500.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	3600.00	0.00	73.60	3600.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	3700.00	0.00	73.60	3700.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	3800.00	0.00	73.60	3800.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	3900.00	0.00	73.60	3900.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	4000.00	0.00	73.60	4000.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
Bore Bore	4100.00	0.00	73.60	4100.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	4200.00	0.00	73.60	4200.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	4300.00	0.00	73.60	4300.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
1st Bore Sumps SS	4400.00	0.00	73.60	4400.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	4500.00	0.00	73.60	4500.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	4600.00	0.00	73.60	4600.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	4700.00	0.00	73.60	4700.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	4800.00	0.00	73.60	4800.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60	73.60	478.975	555.458	32.31	-104.29	0.00	0.00	0.00	0.00	0.00
	4900.00	0.00	73.60	4900.00	0.00	0.00	0.00	0.00	100.00	100.00	0.00	0.00	0.00	15	73.60</										

