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) 74[illegible]
District III
1000 Rio Brazos Road, A[illegible]
Phone: (505) 334-61[illegible]
District IV
1220 S. St[illegible]
Pho[illegible]

E-PERMITTING - - New Well
Comp ___ P&A ___ TA ___
CSNG ___ Loc Chng ___
ReComp ___ Add New Well ___
Cancl Well ___ Change Pool ___ F.M.

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

HOBBS OCD
JUN 0 3 2015
RECEIVED

Form C-101
Revised July 18, 2013

☐ AMENDED REPORT

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

1. Operator Name and Address	2. OGRID Number
Primero Operating, Inc. P. O. Box 1433 Roswell NM 88202-1433	018100
	3. API Number 30-025- 42190

4. Property Code	5. Property Name	6. Well No.
313805	Exuma Flats	1 ~~1Y~~ 2

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
K	7	16 S	38 E		1980	S	2140	W	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
K	7	16 S	38 E		1773	S	1436.3	W	Lea

9. Pool Information

Pool Name	Pool Code
WC-025- G-08 S163807K; Strawn (NSL-7267 approved)	98095

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
E & D	O	R	P	3761
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
N	TVD=12100 MD=12300	Strawn		Upon Approval

Depth to Ground water	Distance from nearest fresh water well	Distance to nearest surface water
85' (well L 10151)	1384' (well L 10151)	≈500' west of stock pond

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

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17-1/2"	13-3/8"	61	2187'	1560	GL (circ. 645 sx)
Intermed.	12-1/4"	9-5/8"	40	4977'	1145	GL (circ. 156 sx)
Product'n	12-1/4"	5-1/2"	17 & 20	12300'	1800	3000

Casing/Cement Program: Additional Comments

Will drill out top 7 plugs and then directionally drill to new BHL for Strawn.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	3000	Cameron

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.
Signature: B Wood

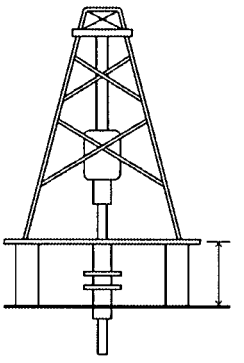
Printed name: Brian Wood
Title: Consultant
E-mail Address: brian@permitswest.com
Date: 5-28-15 Phone: (505) 466-8120

OIL CONSERVATION DIVISION

Approved By:
Title: Petroleum Engineer
Approved Date: 06/05/15 Expiration Date: 06/05/17
Conditions of Approval Attached

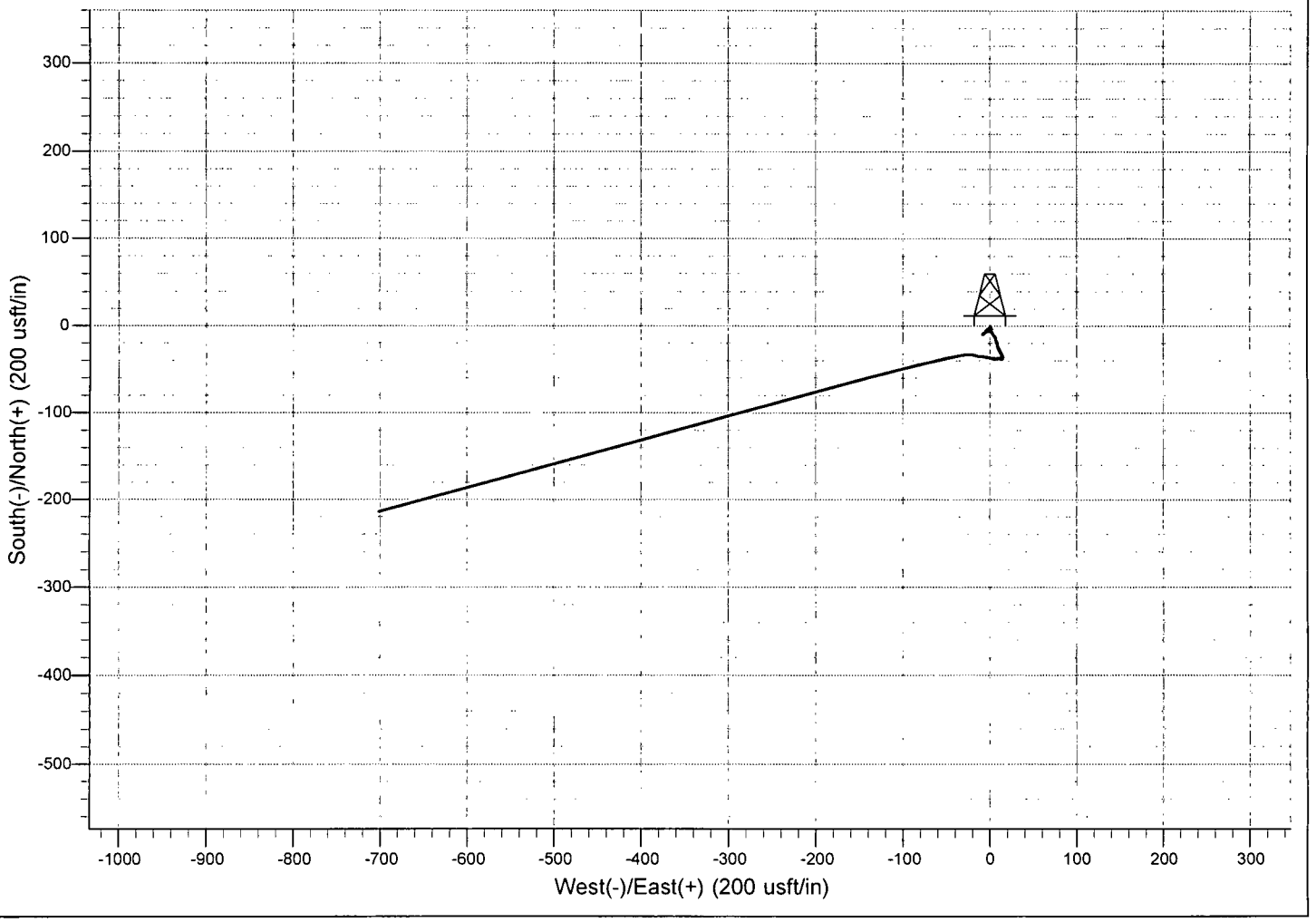
JUN 09 2015

Project: Lea County Site: Bahlberg Exploration Well: Exuma Flats #1 Wellbore: Exuma Flats #1 Design: Exuma Flats #1 Re-Entry	Primero Operating, Inc	Azimuths to Grid North True North: -0.62° Magnetic North: 6.38° Magnetic Field Strength: 48717.3snT Dip Angle: 60.81° Date: 01/26/2015 Model: IGRF2010

PROJECT DETAILS: Lea County	WELL DETAILS: Exuma Flats #1
Geodetic System: US State Plane 1927 (Exact solution) Datum: NAD 1927 (NADCON CONUS) Ellipsoid: Clarke 1866 Zone: New Mexico East 3001 System Datum: Mean Sea Level	 KB:3780.0 ft Ground Level: 3761.0 ft

WELL DETAILS: Exuma Flats #1

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	705540.80	851601.10	32° 56' 3.665 N	103° 11' 14.552 W

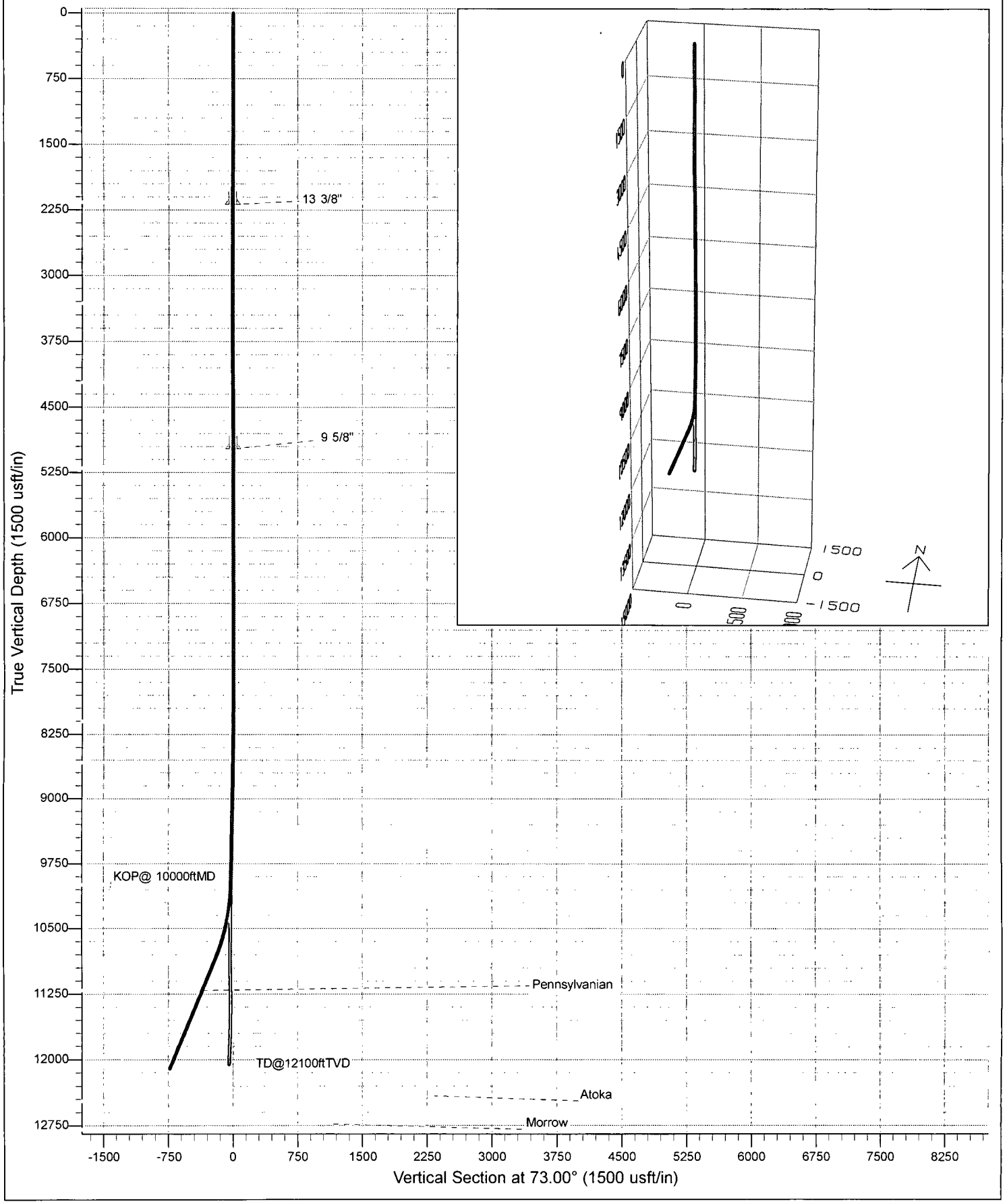


Project: Lea County
Site: Bahlberg Exploration
Well: Exuma Flats #1
Wellbore: Exuma Flats #1
Design: Exuma Flats #1 Re-Entry

Primero Operating, Inc

Azimuths to Grid North
True North: -0.62°
Magnetic North: 6.38°

Magnetic Field
Strength: 48717.3snT
Dip Angle: 60.81°
Date: 01/26/2015
Model: IGRF2010



MOJO Survey

Company:	Primero Operating	**Local Co-ordinate Reference:**	Well Exuma Flats #1
Project:	Lea County	**TVD Reference:**	WELL @ 3780.0usft (Original Well Elev)
Site:	Bahlberg Exploration	**MD Reference:**	WELL @ 3780.0usft (Original Well Elev)
Well:	Exuma Flats #1	**North Reference:**	Grid
Wellbore:	Exuma Flats #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Exuma Flats #1 Re-Entry	**Database:**	EDM 5000.1 Single User Db

Project Lea County

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site Bahlberg Exploration

Site Position:		**Northing:**	705,540.80 usft	**Latitude:**	32° 56' 3.665 N
From:	Map	**Easting:**	851,601.10 usft	**Longitude:**	103° 11' 14.552 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.62 °

Well Exuma Flats #1

Well Position	**+N/-S**	0.0 usft	**Northing:**	705,540.80 usft	**Latitude:**	32° 56' 3.665 N
	+E/-W	0.0 usft	**Easting:**	851,601.10 usft	**Longitude:**	103° 11' 14.552 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	3,761.0 usft

Wellbore Exuma Flats #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	01/26/15	7.01	60.81	48,717

Design Exuma Flats #1 Re-Entry

Audit Notes:

Version:	**Phase:**	PLAN	**Tie On Depth:**	10,000.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	253.04

MOJO Survey

Company:	Primero Operating	**Local Co-ordinate Reference:**	Well Exuma Flats #1
Project:	Lea County	**TVD Reference:**	WELL @ 3780.0usft (Original Well Elev)
Site:	Bahlberg Exploration	**MD Reference:**	WELL @ 3780.0usft (Original Well Elev)
Well:	Exuma Flats #1	**North Reference:**	Grid
Wellbore:	Exuma Flats #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Exuma Flats #1 Re-Entry	**Database:**	EDM 5000.1 Single User Db

Survey Tool Program **Date** 03/20/15

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100.0	10,000.0	Survey #1 (Exuma Flats #1)		
10,000.0	12,229.9	Exuma Flats #1 Re-Entry (Exuma Flats #1		

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	V. Sec (usft)	Northing (usft)	Easting (usft)
0.0	0.00	0.00	0.0	-3,780.0	0.0	0.0	0.00	0.0	705,540.80	851,601.10
100.0	0.11	185.92	100.0	-3,680.0	-0.1	0.0	0.11	0.0	705,540.70	851,601.09
200.0	0.26	168.79	200.0	-3,580.0	-0.4	0.0	0.16	0.1	705,540.39	851,601.12
300.0	0.25	271.87	300.0	-3,480.0	-0.6	-0.1	0.40	0.3	705,540.17	851,600.95
400.0	0.43	164.08	400.0	-3,380.0	-1.0	-0.3	0.56	0.5	705,539.82	851,600.84
500.0	0.18	119.56	500.0	-3,280.0	-1.4	0.0	0.33	0.4	705,539.38	851,601.07
600.0	0.24	101.94	600.0	-3,180.0	-1.5	0.3	0.09	0.1	705,539.26	851,601.42
700.0	0.16	138.39	700.0	-3,080.0	-1.7	0.6	0.15	-0.1	705,539.11	851,601.71
800.0	0.13	135.74	800.0	-2,980.0	-1.9	0.8	0.03	-0.2	705,538.92	851,601.89
900.0	0.15	197.05	900.0	-2,880.0	-2.1	0.8	0.14	-0.2	705,538.72	851,601.93
1,000.0	0.13	116.51	1,000.0	-2,780.0	-2.3	0.9	0.18	-0.2	705,538.54	851,601.99
1,100.0	0.13	190.39	1,100.0	-2,680.0	-2.4	1.0	0.16	-0.2	705,538.38	851,602.07
1,200.0	0.14	58.61	1,200.0	-2,580.0	-2.5	1.1	0.25	-0.3	705,538.33	851,602.15
1,300.0	0.22	268.35	1,300.0	-2,480.0	-2.4	1.0	0.35	-0.2	705,538.39	851,602.07
1,400.0	0.50	242.56	1,400.0	-2,380.0	-2.6	0.4	0.32	0.4	705,538.18	851,601.49
1,500.0	0.55	237.52	1,500.0	-2,280.0	-3.1	-0.4	0.07	1.3	705,537.73	851,600.70
1,600.0	0.39	254.82	1,600.0	-2,180.0	-3.4	-1.1	0.21	2.1	705,537.38	851,599.96
1,700.0	0.48	284.92	1,700.0	-2,080.0	-3.4	-1.9	0.24	2.8	705,537.40	851,599.23
1,800.0	0.54	236.48	1,800.0	-1,980.0	-3.6	-2.7	0.42	3.6	705,537.24	851,598.43
1,900.0	0.67	235.00	1,900.0	-1,880.0	-4.2	-3.5	0.13	4.6	705,536.65	851,597.56
2,000.0	0.76	216.46	2,000.0	-1,780.0	-5.0	-4.4	0.25	5.7	705,535.78	851,596.69

Company:	Primero Operating	**Local Co-ordinate Reference:**	Well Exuma Flats #1
Project:	Lea County	**TVD Reference:**	WELL @ 3780.0usft (Original Well Elev)
Site:	Bahlberg Exploration	**MD Reference:**	WELL @ 3780.0usft (Original Well Elev)
Well:	Exuma Flats #1	**North Reference:**	Grid
Wellbore:	Exuma Flats #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Exuma Flats #1 Re-Entry	**Database:**	EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	V. Sec (usft)	Northing (usft)	Easting (usft)
2,100.0	0.69	227.19	2,100.0	-1,680.0	-6.0	-5.2	0.15	6.8	705,534.84	851,595.85
2,187.0	0.69	73.81	2,187.0	-1,593.0	-6.2	-5.1	1.55	6.7	705,534.63	851,595.97
13 3/8"										
2,200.0	0.89	70.83	2,200.0	-1,580.0	-6.1	-5.0	1.55	6.5	705,534.68	851,596.14
2,300.0	0.49	257.02	2,300.0	-1,480.0	-6.0	-4.6	1.38	6.2	705,534.84	851,596.46
2,400.0	0.66	225.41	2,399.9	-1,380.1	-6.5	-5.5	0.35	7.1	705,534.34	851,595.63
2,500.0	0.48	195.77	2,499.9	-1,280.1	-7.3	-6.0	0.34	7.9	705,533.53	851,595.11
2,600.0	0.24	295.70	2,599.9	-1,180.1	-7.6	-6.3	0.57	8.2	705,533.22	851,594.81
2,700.0	0.60	231.19	2,699.9	-1,080.1	-7.8	-6.9	0.54	8.9	705,532.99	851,594.21
2,800.0	0.64	205.76	2,799.9	-980.1	-8.6	-7.5	0.28	9.7	705,532.15	851,593.56
2,900.0	0.51	299.46	2,899.9	-880.1	-8.9	-8.2	0.84	10.4	705,531.87	851,592.93
3,000.0	0.42	167.66	2,999.9	-780.1	-9.1	-8.5	0.85	10.8	705,531.73	851,592.62
3,100.0	0.14	228.33	3,099.9	-680.1	-9.5	-8.5	0.37	10.9	705,531.29	851,592.61
3,200.0	0.03	307.49	3,199.9	-580.1	-9.6	-8.6	0.14	11.0	705,531.23	851,592.49
3,300.0	0.34	119.72	3,299.9	-480.1	-9.7	-8.4	0.37	10.8	705,531.09	851,592.73
3,320.1	0.29	102.33	3,320.0	-460.0	-9.7	-8.3	0.53	10.8	705,531.05	851,592.83
Yates										
3,400.0	0.44	35.52	3,399.9	-380.1	-9.5	-7.9	0.53	10.3	705,531.26	851,593.21
3,500.0	0.12	356.74	3,499.9	-280.1	-9.1	-7.7	0.35	10.0	705,531.68	851,593.43
3,600.0	0.53	328.96	3,599.9	-180.1	-8.6	-7.9	0.43	10.1	705,532.18	851,593.18
3,700.0	0.22	120.41	3,699.9	-80.1	-8.3	-8.0	0.73	10.1	705,532.48	851,593.11
3,800.0	0.63	55.76	3,799.9	19.9	-8.1	-7.4	0.57	9.4	705,532.69	851,593.73
3,900.0	0.67	44.32	3,899.9	119.9	-7.4	-6.5	0.14	8.4	705,533.42	851,594.59
4,000.0	0.66	80.37	3,999.9	219.9	-6.9	-5.5	0.41	7.3	705,533.93	851,595.57
4,100.0	0.89	77.19	4,099.9	319.9	-6.6	-4.2	0.23	5.9	705,534.20	851,596.90
4,200.0	0.55	51.56	4,199.9	419.9	-6.1	-3.1	0.46	4.7	705,534.67	851,598.03

Company:	Primero Operating	**Local Co-ordinate Reference:**	Well Exuma Flats #1
Project:	Lea County	**TVD Reference:**	WELL @ 3780.0usft (Original Well Elev)
Site:	Bahlberg Exploration	**MD Reference:**	WELL @ 3780.0usft (Original Well Elev)
Well:	Exuma Flats #1	**North Reference:**	Grid
Wellbore:	Exuma Flats #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Exuma Flats #1 Re-Entry	**Database:**	EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	V. Sec (usft)	Northing (usft)	Easting (usft)
4,220.1	0.52	63.01	4,220.0	440.0	-6.0	-2.9	0.55	4.5	705,534.77	851,598.19
Queen										
4,300.0	0.61	108.34	4,299.9	519.9	-6.0	-2.2	0.55	3.8	705,534.80	851,598.91
4,400.0	0.69	88.60	4,399.9	619.9	-6.2	-1.1	0.24	2.8	705,534.65	851,600.02
4,500.0	0.32	5.45	4,499.9	719.9	-5.9	-0.5	0.73	2.1	705,534.94	851,600.65
4,600.0	0.20	104.37	4,599.9	819.9	-5.6	-0.3	0.40	1.9	705,535.18	851,600.84
4,700.0	0.44	105.28	4,699.9	919.9	-5.8	0.3	0.24	1.4	705,535.03	851,601.38
4,800.0	0.22	89.76	4,799.9	1,019.9	-5.9	0.8	0.24	0.9	705,534.93	851,601.94
4,900.0	0.48	152.87	4,899.9	1,119.9	-6.2	1.2	0.43	0.6	705,534.56	851,602.33
4,977.0	0.50	120.11	4,976.9	1,196.9	-6.7	1.7	0.36	0.4	705,534.11	851,602.76
9 5/8"										
5,000.0	0.53	111.69	4,999.9	1,219.9	-6.8	1.8	0.36	0.2	705,534.02	851,602.95
5,100.0	0.49	168.43	5,099.9	1,319.9	-7.4	2.4	0.49	-0.1	705,533.43	851,603.46
5,200.0	0.57	149.05	5,199.9	1,419.9	-8.2	2.7	0.20	-0.2	705,532.58	851,603.80
5,200.1	0.57	149.05	5,200.0	1,420.0	-8.2	2.7	0.00	-0.2	705,532.58	851,603.81
San Andres										
5,300.0	0.60	155.83	5,299.9	1,519.9	-9.1	3.2	0.08	-0.4	705,531.68	851,604.28
5,400.0	0.96	150.50	5,399.8	1,619.8	-10.3	3.8	0.37	-0.6	705,530.47	851,604.90
5,500.0	0.74	145.86	5,499.8	1,719.8	-11.6	4.6	0.23	-1.0	705,529.21	851,605.68
5,600.0	1.03	152.80	5,599.8	1,819.8	-12.9	5.4	0.31	-1.3	705,527.87	851,606.45
5,700.0	0.78	163.79	5,699.8	1,919.8	-14.4	6.0	0.30	-1.5	705,526.42	851,607.05
5,800.0	1.13	161.86	5,799.8	2,019.8	-16.0	6.4	0.35	-1.5	705,524.83	851,607.55
5,900.0	0.96	167.09	5,899.8	2,119.8	-17.7	6.9	0.19	-1.5	705,523.07	851,608.04
6,000.0	1.17	162.76	5,999.8	2,219.8	-19.5	7.4	0.22	-1.4	705,521.28	851,608.53
6,100.0	0.98	164.74	6,099.7	2,319.7	-21.3	8.0	0.19	-1.4	705,519.48	851,609.06
6,200.0	1.16	167.05	6,199.7	2,419.7	-23.1	8.4	0.19	-1.3	705,517.67	851,609.51
6,300.0	0.85	149.95	6,299.7	2,519.7	-24.8	9.0	0.43	-1.4	705,516.04	851,610.11
6,400.0	1.00	161.02	6,399.7	2,619.7	-26.2	9.7	0.23	-1.6	705,514.58	851,610.77

Company:	Primero Operating	**Local Co-ordinate Reference:**	Well Exuma Flats #1
Project:	Lea County	**TVD Reference:**	WELL @ 3780.0usft (Original Well Elev)
Site:	Bahlberg Exploration	**MD Reference:**	WELL @ 3780.0usft (Original Well Elev)
Well:	Exuma Flats #1	**North Reference:**	Grid
Wellbore:	Exuma Flats #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Exuma Flats #1 Re-Entry	**Database:**	EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	V. Sec (usft)	Northing (usft)	Easting (usft)
6,500.0	1.03	151.54	6,499.7	2,719.7	-27.8	10.4	0.17	-1.8	705,512.96	851,611.48
6,600.0	0.83	155.45	6,599.7	2,819.7	-29.3	11.1	0.21	-2.1	705,511.51	851,612.21
6,700.0	0.99	152.30	6,699.7	2,919.7	-30.7	11.8	0.17	-2.3	705,510.09	851,612.91
6,800.0	0.77	137.69	6,799.6	3,019.6	-32.0	12.7	0.31	-2.8	705,508.83	851,613.76
6,900.0	0.54	154.83	6,899.6	3,119.6	-32.9	13.3	0.30	-3.1	705,507.90	851,614.42
7,000.0	0.57	152.56	6,999.6	3,219.6	-33.8	13.7	0.04	-3.3	705,507.03	851,614.85
7,100.0	0.34	202.21	7,099.6	3,319.6	-34.5	13.9	0.44	-3.2	705,506.32	851,614.96
7,200.0	0.27	186.01	7,199.6	3,419.6	-35.0	13.7	0.11	-2.9	705,505.81	851,614.83
7,300.0	0.33	235.85	7,299.6	3,519.6	-35.4	13.5	0.26	-2.6	705,505.41	851,614.56
7,400.0	0.37	122.52	7,399.6	3,619.6	-35.7	13.5	0.59	-2.5	705,505.08	851,614.60
7,500.0	0.29	235.40	7,499.6	3,719.6	-36.0	13.6	0.55	-2.5	705,504.76	851,614.66
7,600.0	0.41	84.89	7,599.6	3,819.6	-36.2	13.7	0.68	-2.6	705,504.65	851,614.81
7,700.0	0.40	161.10	7,699.6	3,919.6	-36.4	14.2	0.50	-2.9	705,504.35	851,615.28
7,800.0	0.41	217.77	7,799.6	4,019.6	-37.1	14.1	0.38	-2.6	705,503.74	851,615.17
7,900.0	0.54	205.16	7,899.6	4,119.6	-37.8	13.7	0.17	-2.0	705,503.03	851,614.75
8,000.0	0.33	271.61	7,999.6	4,219.6	-38.2	13.2	0.51	-1.4	705,502.61	851,614.26
8,100.0	0.72	331.22	8,099.6	4,319.6	-37.6	12.6	0.62	-1.0	705,503.17	851,613.67
8,100.4	0.72	331.01	8,100.0	4,320.0	-37.6	12.6	0.92	-1.0	705,503.17	851,613.67
Glorieta										
8,200.0	0.66	247.53	8,199.6	4,419.6	-37.3	11.7	0.92	-0.3	705,503.50	851,612.84
8,300.0	1.13	268.66	8,299.6	4,519.6	-37.5	10.2	0.57	1.2	705,503.26	851,611.32
8,400.0	0.90	268.00	8,399.6	4,619.6	-37.6	8.5	0.23	2.9	705,503.21	851,609.55
8,500.0	1.17	272.76	8,499.6	4,719.6	-37.6	6.6	0.28	4.6	705,503.23	851,607.75
8,580.5	1.10	263.61	8,580.0	4,800.0	-37.6	5.1	0.24	6.1	705,503.18	851,606.16
Abo										
8,600.0	1.09	261.23	8,599.5	4,819.5	-37.7	4.7	0.24	6.5	705,503.13	851,605.79
8,700.0	0.98	70.70	8,699.5	4,919.5	-37.5	4.6	2.06	6.6	705,503.27	851,605.65

MOJO Survey

Company:	Primero Operating	**Local Co-ordinate Reference:**	Well Exuma Flats #1
Project:	Lea County	**TVD Reference:**	WELL @ 3780.0usft (Original Well Elev)
Site:	Bahlberg Exploration	**MD Reference:**	WELL @ 3780.0usft (Original Well Elev)
Well:	Exuma Flats #1	**North Reference:**	Grid
Wellbore:	Exuma Flats #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Exuma Flats #1 Re-Entry	**Database:**	EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	V. Sec (usft)	Northing (usft)	Easting (usft)
8,800.0	1.37	274.10	8,799.5	5,019.5	-37.2	4.2	2.30	6.9	705,503.64	851,605.27
8,900.0	1.30	272.96	8,899.5	5,119.5	-37.0	1.8	0.07	9.0	705,503.78	851,602.94
9,000.0	1.22	285.71	8,999.5	5,219.5	-36.7	-0.3	0.29	11.0	705,504.13	851,600.78
9,100.0	1.19	281.41	9,099.5	5,319.5	-36.2	-2.4	0.10	12.8	705,504.62	851,598.74
9,200.0	1.08	277.54	9,199.4	5,419.4	-35.8	-4.3	0.13	14.6	705,504.95	851,596.79
9,300.0	0.99	291.20	9,299.4	5,519.4	-35.4	-6.0	0.26	16.1	705,505.39	851,595.05
9,400.0	1.15	269.37	9,399.4	5,619.4	-35.1	-7.9	0.43	17.8	705,505.69	851,593.24
9,500.0	1.12	273.55	9,499.4	5,719.4	-35.1	-9.8	0.09	19.6	705,505.74	851,591.26
9,600.0	0.98	275.82	9,599.4	5,819.4	-34.9	-11.7	0.15	21.3	705,505.89	851,589.44
9,700.0	1.31	279.17	9,699.3	5,919.3	-34.6	-13.6	0.34	23.2	705,506.15	851,587.46
9,800.0	1.39	280.75	9,799.3	6,019.3	-34.2	-16.0	0.09	25.3	705,506.56	851,585.14
9,900.0	1.56	287.77	9,899.3	6,119.3	-33.6	-18.5	0.25	27.5	705,507.20	851,582.65
9,990.7	1.43	287.37	9,990.0	6,210.0	-32.9	-20.7	0.14	29.4	705,507.92	851,580.39
Wolfcamp										
10,000.0	1.42	287.32	9,999.2	6,219.2	-32.8	-20.9	0.14	29.6	705,507.99	851,580.17
KOP@ 10000ftMD										
10,001.0	1.44	286.76	10,000.2	6,220.2	-32.8	-21.0	2.50	29.6	705,508.00	851,580.15
BUILD with 2DLS to 25Deg										
10,100.0	3.76	265.09	10,099.1	6,319.1	-32.7	-25.4	2.50	33.8	705,508.08	851,575.72
10,200.0	6.22	260.13	10,198.8	6,418.8	-33.9	-34.0	2.50	42.4	705,506.87	851,567.12
10,300.0	8.71	257.98	10,297.9	6,517.9	-36.4	-46.7	2.50	55.3	705,504.36	851,554.38
10,400.0	11.20	256.79	10,396.4	6,616.4	-40.2	-63.6	2.50	72.6	705,500.57	851,537.52
10,500.0	13.69	256.02	10,494.0	6,714.0	-45.3	-84.5	2.50	94.1	705,495.49	851,516.58
10,600.0	16.19	255.49	10,590.6	6,810.6	-51.7	-109.5	2.50	119.8	705,489.14	851,491.60
10,700.0	18.69	255.09	10,686.0	6,906.0	-59.3	-138.5	2.50	149.8	705,481.52	851,462.62
10,800.0	21.18	254.79	10,780.0	7,000.0	-68.1	-171.4	2.50	183.8	705,472.66	851,429.70
10,858.4	22.64	254.64	10,834.3	7,054.3	-73.9	-192.4	2.50	205.6	705,466.91	851,408.66
10,900.0	22.64	254.64	10,872.6	7,092.6	-78.1	-207.9	0.00	221.6	705,462.67	851,393.23

Company:	Primero Operating	**Local Co-ordinate Reference:**	Well Exuma Flats #1
Project:	Lea County	**TVD Reference:**	WELL @ 3780.0usft (Original Well Elev)
Site:	Bahlberg Exploration	**MD Reference:**	WELL @ 3780.0usft (Original Well Elev)
Well:	Exuma Flats #1	**North Reference:**	Grid
Wellbore:	Exuma Flats #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Exuma Flats #1 Re-Entry	**Database:**	EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	V. Sec (usft)	Northing (usft)	Easting (usft)
11,000.0	22.64	254.64	10,964.9	7,184.9	-88.3	-245.0	0.00	260.1	705,452.48	851,356.11
11,100.0	22.64	254.64	11,057.2	7,277.2	-98.5	-282.1	0.00	298.6	705,442.28	851,318.98
11,200.0	22.64	254.64	11,149.5	7,369.5	-108.7	-319.2	0.00	337.1	705,432.08	851,281.86
11,265.6	22.64	254.64	11,210.0	7,430.0	-115.4	-343.6	0.00	362.3	705,425.40	851,257.52
Pennsylvanian										
11,300.0	22.64	254.64	11,241.8	7,461.8	-118.9	-356.4	0.00	375.6	705,421.89	851,244.73
11,400.0	22.64	254.64	11,334.1	7,554.1	-129.1	-393.5	0.00	414.0	705,411.69	851,207.61
11,500.0	22.64	254.64	11,426.4	7,646.4	-139.3	-430.6	0.00	452.5	705,401.50	851,170.49
11,600.0	22.64	254.64	11,518.7	7,738.7	-149.5	-467.7	0.00	491.0	705,391.30	851,133.36
11,700.0	22.64	254.64	11,611.0	7,831.0	-159.7	-504.9	0.00	529.5	705,381.10	851,096.24
11,800.0	22.64	254.64	11,703.2	7,923.2	-169.9	-542.0	0.00	568.0	705,370.91	851,059.11
11,900.0	22.64	254.64	11,795.5	8,015.5	-180.1	-579.1	0.00	606.5	705,360.71	851,021.99
12,000.0	22.64	254.64	11,887.8	8,107.8	-190.3	-616.2	0.00	644.9	705,350.51	850,984.86
12,100.0	22.64	254.64	11,980.1	8,200.1	-200.5	-653.4	0.00	683.4	705,340.32	850,947.74
12,193.7	22.64	254.64	12,066.6	8,286.6	-210.0	-688.1	0.00	719.5	705,330.77	850,912.97
12,200.0	22.64	254.23	12,072.4	8,292.4	-210.7	-690.5	2.50	721.9	705,330.11	850,910.62
12,229.9	22.64	252.29	12,100.0	8,320.0	-214.0	-701.5	2.50	733.4	705,326.80	850,899.60

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
2,187.0	2,187.0	13 3/8"	13-3/8	17-1/2
4,977.0	4,976.9	9 5/8"	9-5/8	12-1/4

Company:	Primero Operating	**Local Co-ordinate Reference:**	Well Exuma Flats #1
Project:	Lea County	**TVD Reference:**	WELL @ 3780.0usft (Original Well Elev)
Site:	Bahlberg Exploration	**MD Reference:**	WELL @ 3780.0usft (Original Well Elev)
Well:	Exuma Flats #1	**North Reference:**	Grid
Wellbore:	Exuma Flats #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Exuma Flats #1 Re-Entry	**Database:**	EDM 5000.1 Single User Db

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Dip (°)
4,220.1	4,220.0	Queen	0.00
11,265.6	11,210.0	Pennsylvanian	0.00
8,580.5	8,580.0	Abo	0.00
3,320.1	3,320.0	Yates	0.00
2,160.0	2,160.0	Anhydrite	0.00
8,100.4	8,100.0	Glorieta	0.00
9,990.7	9,990.0	Wolfcamp	0.00
5,200.1	5,200.0	San Andres	0.00

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
10,000.0	9,999.2	-32.8	-20.9	KOP@ 10000ftMD
10,001.0	10,000.2	-32.8	-21.0	BUILD with 2DLS to 25Deg
12,238.0	12,099.2	-241.0	-701.2	TD@12100ftTVD

Checked By: _____ Approved By: _____ Date: _____