

HOBBS OCD

JAN 31 2018

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30-025-43823

Company Name: Chisholm Energy Operating, LLC
 Buffalo West 2 State Com 1BS 6H
 Lea County, NM
 Rig: Latshaw #17
 Created by: Kris Ray
 Date: 10:30, September 28 2017

Sec 2, T-19-S, R-33-E
 Buffalo West 2 State Com 1BS 6H
 Q171088 & WT-170920
 Design #4



PROJECT DETAILS: Lea County, NM

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Eastern Zone
 System Datum: Mean Sea Level

WELL DETAILS: Buffalo West 2 State Com 1BS 6H

3776.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	617849.29	757938.60	32° 41' 47.522 N	103° 37' 45.213 W

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Annotation
9815.0	89.33	182.75	9187.1	-549.0	742.8	0.00	0.00	554.8	Last MWD Survey
9896.0	90.34	183.00	9187.4	-629.9	738.8	1.28	13.90	635.7	Bit Projection / Drop 2°/100'
10151.9	86.70	179.40	9194.0	-885.6	733.4	2.00	-135.36	891.3	Hold 86.70° Inc., 179.40° Azm
10371.9	86.70	179.40	9206.6	-1105.2	735.7	0.00	0.00	1110.9	Build 2°/100'
10471.9	88.70	179.40	9210.7	-1205.1	736.8	2.00	0.00	1210.8	Hold 88.70° Inc., 179.40° Azm
14223.0	88.70	179.40	9295.8	-4955.0	776.0	0.00	0.00	4960.9	TD @ 14223.0' MD / 9295.8' TVD

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
LP Buffalo West 2 State Com 1BS 6H	9191.3	-197.2	738.5	617652.10	758677.10	32° 41' 45.523 N	103° 37' 36.586 W
PBHL Buffalo West 2 State Com 1BS 6H	9295.8	-4955.0	776.0	612894.30	758714.60	32° 40' 58.444 N	103° 37' 36.518 W

OH Annotations

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation
145.0	0.53	309.32	145.0	0.4	-0.5	0.7	0.7	OH First MWD Survey @ 145.0' MD / 145.0' TVD
9399.4	68.96	129.52	9077.3	-198.4	626.4	203.3	710.4	OH Crossed 330° HL @ 9399.4' MD / 9077.3' TVD
9575.0	76.00	154.80	9128.1	-326.9	732.1	332.6	878.3	OH TD @ 9575.0' MD / 9128.1' TVD

ST #1 Annotations

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation
9122.0	61.82	110.33	8973.2	-48.4	419.6	51.7	453.5	ST #1 Tie-In @ 9122.0' MD / 8973.2' TVD
9435.6	74.64	144.65	9118.0	-198.2	646.2	203.2	729.8	ST #1 Crossed 330° HL @ 9435.6' MD / 9118.0' TVD
14230.0	90.63	178.80	9294.0	-4958.5	761.9	4964.3	5513.2	ST #1 TD @ 14230.0' MD, 9294.0' TVD

