

30-025-44508

Company Information

CAZA
SIOUX 36 STATE 5H
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Well Information

Surface Location

X = 852457.36'
Y = 399366.21'
K.B. = 3130.00'

Declination Corr.

= 6.10 TO GRID

Reference North is Grid North

Grid Convergence is 0.534 degrees East

Map System : North American Datum 1983 US State Plane 1983, New Mexico Eastern Zone

MD (ft)	Incl.	Azim.	SSDepth (ft)	TVD (ft)	Northings (ft)	Eastings (ft)	GridNorth (ft)	GridEast (ft)	VS (ft)	DLS (-/100ft)
0	0	0	-3130	0	0	0	399366.2	852457.4	0	0
100	0	0	-3030	100	0	0	399366.2	852457.4	0	0
200	2	330	-2930.02	199.98	1.51	-0.87	399367.7	852456.5	-1.52	2
300	4	330	-2830.16	299.84	6.04	-3.49	399372.3	852453.9	-6.08	2
400	3.993	331.424	-2730.41	399.59	12.12	-6.9	399378.3	852450.5	-12.19	0.1
500	3.988	332.853	-2630.65	499.35	18.27	-10.15	399384.5	852447.2	-18.37	0.1
600	3.985	334.284	-2530.89	599.11	24.5	-13.24	399390.7	852444.1	-24.62	0.1
700	3.985	335.716	-2431.13	698.87	30.8	-16.18	399397	852441.2	-30.95	0.1
800	3.988	337.147	-2331.38	798.62	37.17	-18.96	399403.4	852438.4	-37.35	0.1
900	3.993	338.576	-2231.62	898.38	43.61	-21.58	399409.8	852435.8	-43.82	0.1
1000	4	340	-2131.86	998.14	50.13	-24.05	399416.3	852433.3	-50.36	0.1
1100	4	340	-2032.1	1097.9	56.69	-26.43	399422.9	852430.9	-56.94	0
1200	4	340	-1932.35	1197.65	63.24	-28.82	399429.5	852428.5	-63.52	0
1300	4	340	-1832.59	1297.41	69.79	-31.2	399436	852426.2	-70.09	0
1400	4	340	-1732.84	1397.16	76.35	-33.59	399442.6	852423.8	-76.67	0
1500	4	340	-1633.08	1496.92	82.9	-35.98	399449.1	852421.4	-83.25	0
1600	4	350	-1533.32	1596.68	89.62	-37.77	399455.8	852419.6	-89.98	0.7
1700	4	350	-1433.57	1696.43	96.49	-38.99	399462.7	852418.4	-96.86	0
1800	4	350	-1333.81	1796.19	103.36	-40.2	399469.6	852417.2	-103.74	0
1900	4	350	-1234.05	1895.95	110.23	-41.41	399476.4	852416	-110.62	0
2000	4	350	-1134.3	1995.7	117.1	-42.62	399483.3	852414.7	-117.5	0
2100	2	350	-1034.44	2095.56	122.25	-43.53	399488.5	852413.8	-122.67	2
2200	0	350	-934.46	2195.54	123.97	-43.83	399490.2	852413.5	-124.39	2

6999.99	0	0	3865.53	6995.53	123.97	-43.83	399490.2	852413.5	-124.39	0
7099.99	0	0	3965.53	7095.53	123.97	-43.83	399490.2	852413.5	-124.39	0
7199.99	0	0	4065.53	7195.53	123.97	-43.83	399490.2	852413.5	-124.39	0
7299.99	0	0	4165.53	7295.53	123.97	-43.83	399490.2	852413.5	-124.39	0
7399.99	0	0	4265.53	7395.53	123.97	-43.83	399490.2	852413.5	-124.39	0
7499.98	0	0	4365.53	7495.53	123.97	-43.83	399490.2	852413.5	-124.39	0
7599.98	0	0	4465.53	7595.53	123.97	-43.83	399490.2	852413.5	-124.39	0
7699.98	0	0	4565.53	7695.53	123.97	-43.83	399490.2	852413.5	-124.39	0
7799.98	0	0	4665.53	7795.53	123.97	-43.83	399490.2	852413.5	-124.39	0
7899.98	0	0	4765.53	7895.53	123.97	-43.83	399490.2	852413.5	-124.39	0
7999.98	0	0	4865.53	7995.53	123.97	-43.83	399490.2	852413.5	-124.39	0
8099.98	0	0	4965.53	8095.53	123.97	-43.83	399490.2	852413.5	-124.39	0
8199.98	0	0	5065.53	8195.53	123.97	-43.83	399490.2	852413.5	-124.39	0
8299.98	0	0	5165.53	8295.53	123.97	-43.83	399490.2	852413.5	-124.39	0
8399.98	0	0	5265.53	8395.53	123.97	-43.83	399490.2	852413.5	-124.39	0
8499.98	0	0	5365.53	8495.53	123.97	-43.83	399490.2	852413.5	-124.39	0
8599.98	0	0	5465.53	8595.53	123.97	-43.83	399490.2	852413.5	-124.39	0
8699.98	0	0	5565.53	8695.53	123.97	-43.83	399490.2	852413.5	-124.39	0
8799.98	0	0	5665.53	8795.53	123.97	-43.83	399490.2	852413.5	-124.39	0
8899.98	0	0	5765.53	8895.53	123.97	-43.83	399490.2	852413.5	-124.39	0
8999.98	0	0	5865.53	8995.53	123.97	-43.83	399490.2	852413.5	-124.39	0
9099.98	0	0	5965.53	9095.53	123.97	-43.83	399490.2	852413.5	-124.39	0
9199.98	0	0	6065.53	9195.53	123.97	-43.83	399490.2	852413.5	-124.39	0
9299.98	0	0	6165.53	9295.53	123.97	-43.83	399490.2	852413.5	-124.39	0
9399.98	0	0	6265.53	9395.53	123.97	-43.83	399490.2	852413.5	-124.39	0
9499.98	0	0	6365.52	9495.52	123.97	-43.83	399490.2	852413.5	-124.39	0
9599.98	0	0	6465.52	9595.52	123.97	-43.83	399490.2	852413.5	-124.39	0
9699.98	0	0	6565.52	9695.52	123.97	-43.83	399490.2	852413.5	-124.39	0
9799.98	0	0	6665.52	9795.52	123.97	-43.83	399490.2	852413.5	-124.39	0
9899.98	0	0	6765.52	9895.52	123.97	-43.83	399490.2	852413.5	-124.39	0
9999.98	0	0	6865.52	9995.52	123.97	-43.83	399490.2	852413.5	-124.39	0
10099.98	0	0	6965.52	10095.52	123.97	-43.83	399490.2	852413.5	-124.39	0
10199.98	0	0	7065.52	10195.52	123.97	-43.83	399490.2	852413.5	-124.39	0
10299.98	0	0	7165.52	10295.52	123.97	-43.83	399490.2	852413.5	-124.39	0
10399.98	0	0	7265.52	10395.52	123.97	-43.83	399490.2	852413.5	-124.39	0
10499.98	0	0	7365.52	10495.52	123.97	-43.83	399490.2	852413.5	-124.39	0
10599.98	0	0	7465.52	10595.52	123.97	-43.83	399490.2	852413.5	-124.39	0
10699.98	0	0	7565.52	10695.52	123.97	-43.83	399490.2	852413.5	-124.39	0
10799.98	0	0	7665.52	10795.52	123.97	-43.83	399490.2	852413.5	-124.39	0
10899.98	0	0	7765.52	10895.52	123.97	-43.83	399490.2	852413.5	-124.39	0
10999.98	0	0	7865.52	10995.52	123.97	-43.83	399490.2	852413.5	-124.39	0
11099.98	0	0	7965.52	11095.52	123.97	-43.83	399490.2	852413.5	-124.39	0
11199.98	0	0	8065.52	11195.52	123.97	-43.83	399490.2	852413.5	-124.39	0
11299.98	0	0	8165.52	11295.52	123.97	-43.83	399490.2	852413.5	-124.39	0
11399.98	0	0	8265.52	11395.52	123.97	-43.83	399490.2	852413.5	-124.39	0
11499.98	1.757	173	8365.52	11495.52	123.73	-43.8	399489.9	852413.6	-124.14	1.76
11599.98	12.757	173	8464.56	11594.56	111.21	-42.26	399477.4	852415.1	-111.61	11

16399.97	89.07	179.7	8937.19	12067.19	-4490.1	45.34	394876.1	852502.7	4490.33	0
16499.97	89.07	179.7	8938.82	12068.82	-4590.08	45.86	394776.1	852503.2	4590.31	0
16599.97	89.07	179.7	8940.44	12070.44	-4690.07	46.38	394676.1	852503.7	4690.3	0
16699.97	89.07	179.7	8942.06	12072.06	-4790.05	46.91	394576.2	852504.3	4790.28	0
16799.97	89.07	179.7	8943.69	12073.69	-4890.04	47.43	394476.2	852504.8	4890.27	0
16811	89.07	179.7	8943.86	12073.86	-4901.07	47.49	394465.1	852504.9	4901.3	0

All data are in feet unless otherwise stated. Directions and coordinates are relative to Grid North.
Vertical depths are relative to WELL. Northings and Eastings are relative to Well.

The Dogleg Severity is in Degrees per 100 feet.
Vertical Section is from Slot and calculated along an Azimuth of 179.445- (Grid).

Coordinate System is North American Datum 1983 US State Plane 1983, New Mexico Eastern Zone.
Grid Convergence at Surface is 0.534-.

Based upon Minimum Curvature type calculations, at a Measured Depth of 16811.00ft.,
the Bottom Hole Displacement is 4901.30ft., in the Direction of 179.445- (Grid).

Project: Sioux 36 State 5H
Site: Sioux 36 State 5H
Well: Sioux 36 State 5H
Wellbore: Sioux 36 State 5H
Design: Sioux 36 State 5H

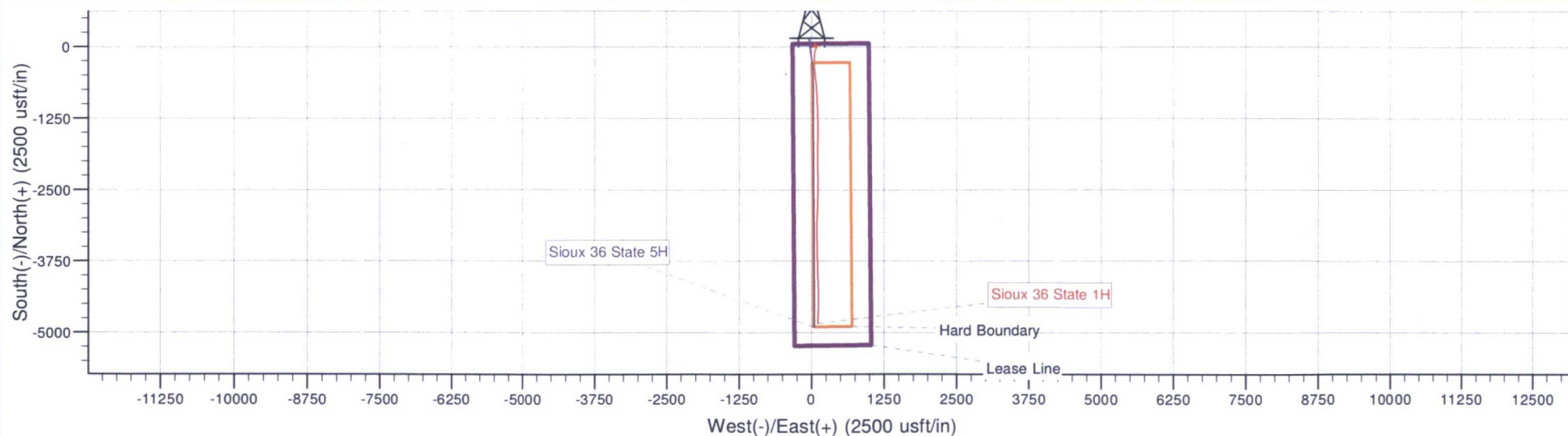
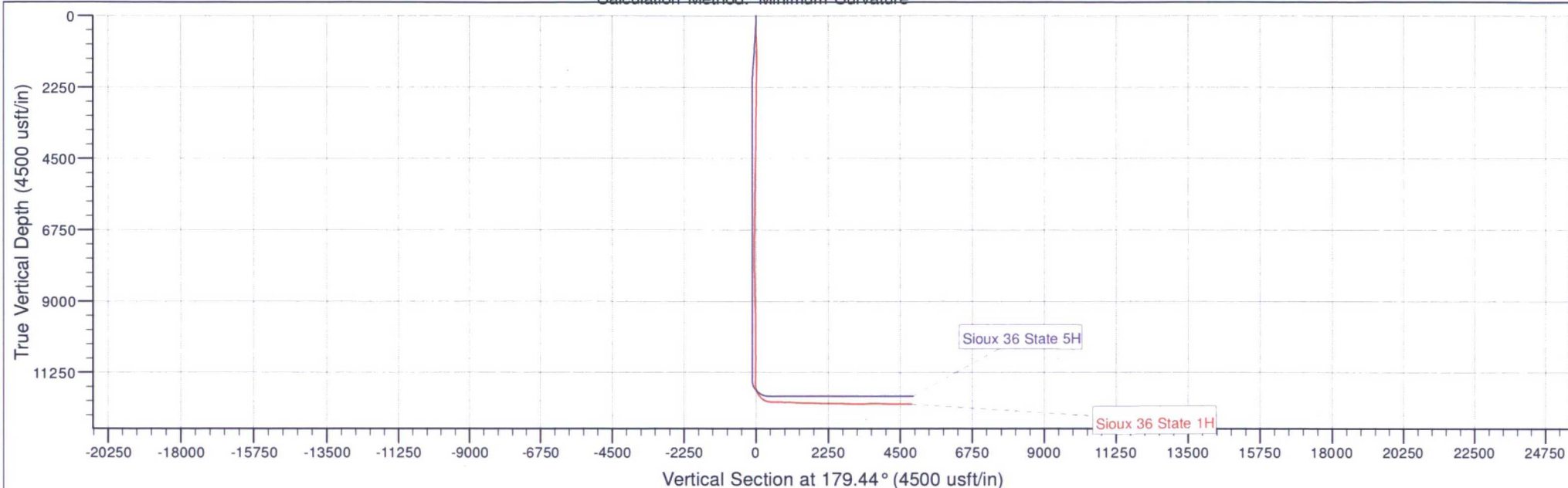


Azimuths to Grid North
True North: -0.53°
Magnetic North: 6.10°

Magnetic Field
Strength: 47895.9snT
Dip Angle: 59.93°
Date: 02/22/2018
Model: ICBF2010

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Sioux 36 State 5H, Grid North
Vertical (TVD) Reference: WELL @ 3130.0usft (Original Well Elev)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: WELL @ 3130.0usft (Original Well Elev)
Calculation Method: Minimum Curvature



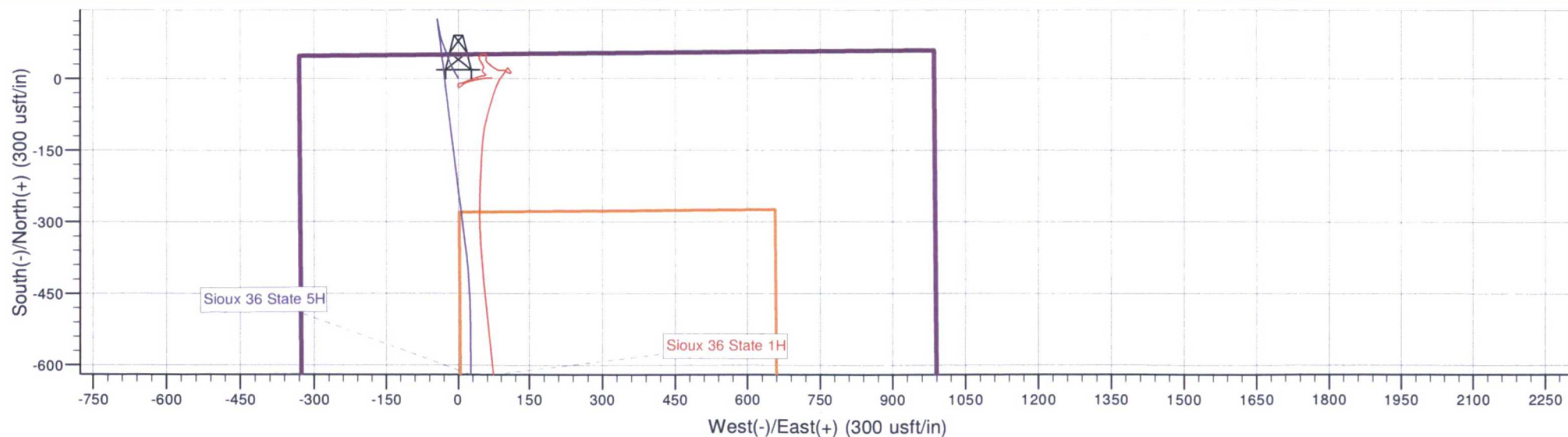
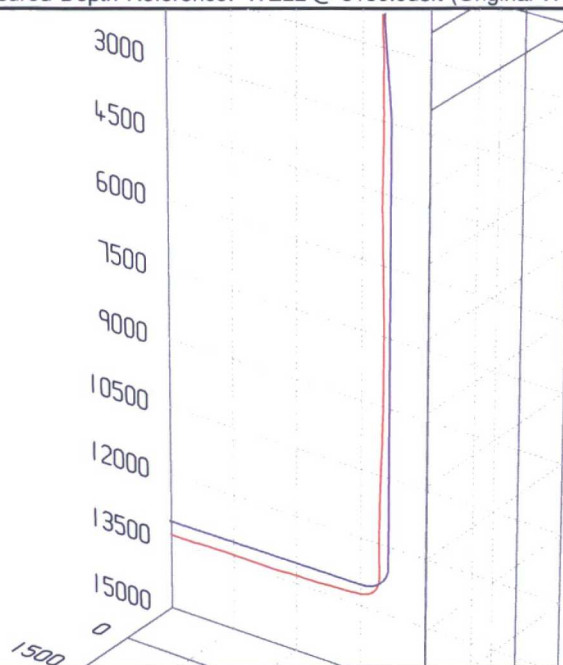
Project: Sioux 36 State 5H
Site: Sioux 36 State 5H
Well: Sioux 36 State 5H
Wellbore: Sioux 36 State 5H
Design: Sioux 36 State 5H



Remains to Grid North
True North: -0.53°
Magnetic North: 6.10°
Magnetic Field
Strength: 47895.9nT
Dip Angle: 59.93°
Date: 02/22/2018
Model: JCRF2010

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Sioux 36 State 5H, Grid North
Vertical (TVD) Reference: WELL @ 3130.0usft (Original Well Elev)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: WELL @ 3130.0usft (Original Well Elev)



Project: Sioux 36 State 5H
Site: Sioux 36 State 5H
Well: Sioux 36 State 5H
Wellbore: Sioux 36 State 5H
Design: Sioux 36 State 5H



Remarks to Grid North
True North: -0.53°
Magnetic North: 6.10°
Magnetic Field
Strength: 47895.9snT
Dip Angle: 59.93°
Date: 02/22/2018
Model: ICR50010

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Sioux 36 State 5H, Grid North
Vertical (TVD) Reference: WELL @ 3130.0usft (Original Well Elev)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: WELL @ 3130.0usft (Original Well Elev)

