

COG

SURVEY REPORT

DODD FEDERAL UNIT #980H

TRINIDAD #436

11/16/2018



The Ultimate Partner In Wellbore Placement

SURVEY REPORT

DODD FEDERAL UNIT #980H

KEEPER GYRO SURVEY

CUSTOMER
PROJECT
FIELD

COG
Dodd Federal Unit #980H
N/A

SDI JOB NO.
SDI DISTRICT
SDI KIT/UNIT

OP.014576
Midland

SITE INFORMATION

Site Name
Lat/Long
Northing
Easting

Dodd Federal Unit #980H
32.8554974° N, 104.0654201° W

Section
Township
Range

MAP INFORMATION

North Reference
Grid Correction
System
Datum
Map Zone

Grid North
-0.15 deg
US State Plane 1983
North American Datum 1983 (GRS 1980)
New Mexico East: 3001

**WELL INFORMATION**

Lat/Long
Northing
Easting
UWI

32.8554974° N, 104.0654201° W
30-015-44807

DEPTH AND ELEVATION REFERENCE

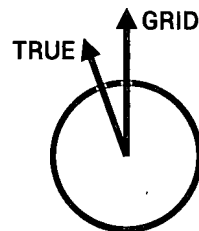
Ground Level
Reference Datum
Reference Height
Reference Elevation

3590 ft above Mean Sea Level
RKB
16.5 ft above G.L.
3606.5 ft

VERTICAL SECTION REFERENCE

+N/-S
+E/-W
Proposal Direction
Calculation Method

0 ft
0 ft
90.00°
Minimum Curvature

**LOCAL GRAVITY REFERENCE INFORMATION**

Local Gravity
True to Grid

998.536 mG [computed]
subtract 0.15°

WELL NOTES**OPERATORS**

Troy Morgan

SDI Operator Name (Printed)

SIGNATURE

DATE

MD ft	INC deg	AZIM deg	TVD ft	VS ft	+N/S ft	+E/W ft	DLS °/100ft	CLOSURE DIST ft	CLOSURE DIR deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	Invalid	0.00	0.00
100.00	0.37	89.25	100.00	0.32	0.00	0.32	0.37	0.32	89.25
125.00	0.37	87.40	125.00	0.48	0.01	0.48	0.05	0.48	88.94
150.00	0.47	89.24	150.00	0.66	0.01	0.66	0.42	0.66	88.80
175.00	0.36	84.30	175.00	0.85	0.02	0.85	0.46	0.85	88.43
200.00	0.42	84.65	200.00	1.02	0.04	1.02	0.24	1.02	87.76
225.00	0.41	71.01	225.00	1.19	0.08	1.19	0.40	1.20	86.29
250.00	0.41	80.02	250.00	1.37	0.12	1.37	0.26	1.37	84.90
275.00	0.42	67.68	274.99	1.54	0.17	1.54	0.36	1.55	83.61
300.00	0.47	91.91	299.99	1.73	0.20	1.73	0.77	1.74	83.26
325.00	0.47	88.41	324.99	1.93	0.20	1.93	0.12	1.94	83.99
350.00	0.56	91.15	349.99	2.16	0.20	2.16	0.34	2.17	84.60
375.00	0.51	92.69	374.99	2.39	0.20	2.39	0.21	2.40	85.30
400.00	0.50	89.88	399.99	2.61	0.19	2.61	0.10	2.61	85.80
425.00	0.49	84.69	424.99	2.82	0.20	2.82	0.18	2.83	85.91
450.00	0.51	81.93	449.99	3.04	0.23	3.04	0.12	3.05	85.73
475.00	0.57	100.95	474.99	3.27	0.22	3.27	0.75	3.28	86.17
500.00	0.75	88.85	499.99	3.55	0.20	3.55	0.92	3.56	86.80
525.00	0.70	89.83	524.98	3.87	0.20	3.87	0.21	3.87	87.00
550.00	0.79	82.05	549.98	4.19	0.23	4.19	0.56	4.20	86.90
575.00	0.90	78.62	574.98	4.56	0.29	4.56	0.48	4.57	86.36
600.00	0.84	77.71	599.98	4.93	0.37	4.93	0.25	4.94	85.74
625.00	0.94	84.45	624.97	5.31	0.43	5.31	0.58	5.33	85.41
650.00	0.94	78.74	649.97	5.72	0.49	5.72	0.37	5.74	85.14
675.00	1.03	79.06	674.97	6.14	0.57	6.14	0.37	6.17	84.70
700.00	1.12	82.97	699.96	6.60	0.64	6.60	0.44	6.64	84.45
725.00	1.13	80.82	724.96	7.09	0.71	7.09	0.18	7.13	84.27
750.00	1.20	81.21	749.95	7.59	0.79	7.59	0.29	7.63	84.06
775.00	1.29	80.17	774.95	8.13	0.88	8.13	0.37	8.18	83.83
800.00	1.25	82.94	799.94	8.68	0.96	8.68	0.30	8.73	83.69
825.00	1.22	84.18	824.93	9.21	1.02	9.21	0.15	9.27	83.68
850.00	1.06	66.57	849.93	9.69	1.14	9.69	1.54	9.76	83.29

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KEEPER GYRO SURVEY

MD	INC	AZIM	TVD	VS	+N/-S	+E/-W	DL'S	CLOSURE DIST	CLOSURE DIR
ft	deg	deg	ft	ft	ft	ft	%/100ft	ft	deg
863.00	0.97	78.96	862.93	9.91	1.21	9.91	1.84	9.98	83.04