



Lea County, NM (NAD 83 NME)

Vaca 24 Fed Com #702H

Plan #1

PROJECT DETAILS: Lea County, NM (NAD 83 NME)

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: #702H

KB = 32' @ 3374.0usft 3342.0
Northing 404270.00 Easting 789333.00 Latitude 32° 6' 31.985 N Longitude 103° 31' 56.570 W

Azimuths to Grid North
True North: -0.43°
Magnetic North: 6.27°

Magnetic Field
Strength: 47654.1nT
Dip Angle: 59.93°
Date: 8/9/2019
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.27°
To convert a Magnetic Direction to a True Direction, Add 6.69° East
To convert a True Direction to a Grid Direction, Subtract 0.43°

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2000.0	0.00	0.00	2000.0	0.0	0.0	0.00	0.00	0.0	
3	2349.9	7.00	88.30	2349.0	0.6	21.3	2.00	88.30	1.1	
4	4487.8	7.00	88.30	4471.0	8.4	281.7	0.00	0.00	14.4	
5	4837.7	0.00	0.00	4820.0	9.0	303.0	2.00	180.00	15.5	
6	11948.7	0.00	0.00	11931.0	9.0	303.0	0.00	0.00	15.5	KOP (Vaca 24 Fed Com #702H)
7	12853.8	90.51	359.56	12503.9	587.1	298.6	10.00	359.56	593.3	TGT 1 (Vaca 24 Fed Com #702H)
8	13961.0	90.51	359.56	12494.0	1694.2	290.1	0.00	0.00	1700.0	TGT 2 (Vaca 24 Fed Com #702H)
9	13983.4	90.07	359.56	12493.9	1716.6	289.9	2.00	-180.00	1722.4	TGT 3 (Vaca 24 Fed Com #702H)
10	16462.1	90.07	359.56	12491.0	4195.2	270.8	0.00	0.00	4200.0	TGT 4 (Vaca 24 Fed Com #702H)
11	16467.7	89.95	359.56	12491.0	4200.8	270.8	2.00	-180.00	4205.7	PBHL (Vaca 24 Fed Com #702H)
12	18963.0	89.95	359.56	12493.0	6696.1	251.6	0.00	0.00	6700.0	
13	18971.1	90.11	359.56	12493.0	6704.1	251.6	2.00	0.00	6708.0	
14	20963.9	90.11	359.56	12489.0	8696.9	236.3	0.00	0.00	8700.0	
15	20969.9	90.23	359.56	12489.0	8702.9	236.2	2.00	0.00	8705.9	
16	22679.1	90.23	359.56	12482.0	10412.0	223.1	0.00	0.00	10414.4	

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP (Vaca 24 Fed Com #702H)	11931.0	9.0	303.0	404279.00	789636.00
PBHL (Vaca 24 Fed Com #702H)	12482.0	223.1	414892.00	789556.10	
TGT 4 (Vaca 24 Fed Com #702H)	12489.0	8696.9	236.3	412966.90	789569.27
TGT 2 (Vaca 24 Fed Com #702H)	12491.0	4195.2	270.8	408465.20	789603.85
TGT 3 (Vaca 24 Fed Com #702H)	12493.0	6696.1	251.6	410966.10	789584.64
TGT 1 (Vaca 24 Fed Com #702H)	12494.0	1694.2	290.1	405964.20	789623.06
FTP (Vaca 24 Fed Com #702H)	12504.0	59.0	303.0	404329.00	789636.00

