



HOBBS OCD

AUG 11 2017

RECEIVED

Lea County, NM (NAD 27 NME)

Diamond 5 Fed Com #8H

Nomac 55

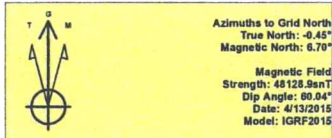
Plan #1

PROJECT DETAILS: Lea County, NM (NAD 27 NME)

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

WELL DETAILS: #8H

Ground Level: 3376.0
KB = 21 @ 3397.0usft (Nomac 55)
Northing 420210.00 Easting 761381.00 Latitude 32° 9' 8.840 N Longitude 103° 29' 19.562 W



To convert a Magnetic Direction to a Grid Direction, Add 6.70°
To convert a Magnetic Direction to a True Direction, Add 7.15° East
To convert a True Direction to a Grid Direction, Subtract 0.45°

SECTION DETAILS

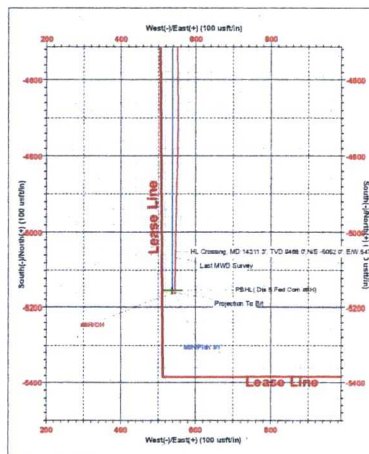
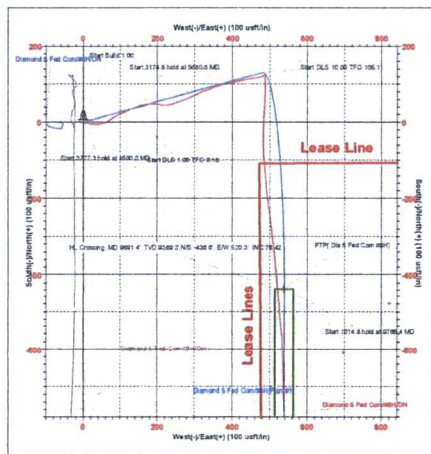
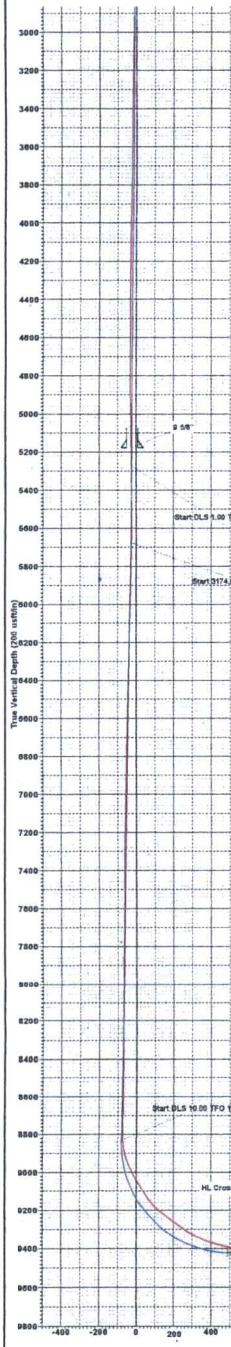
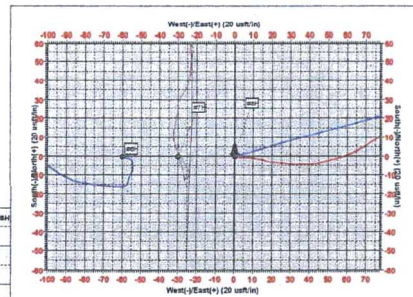
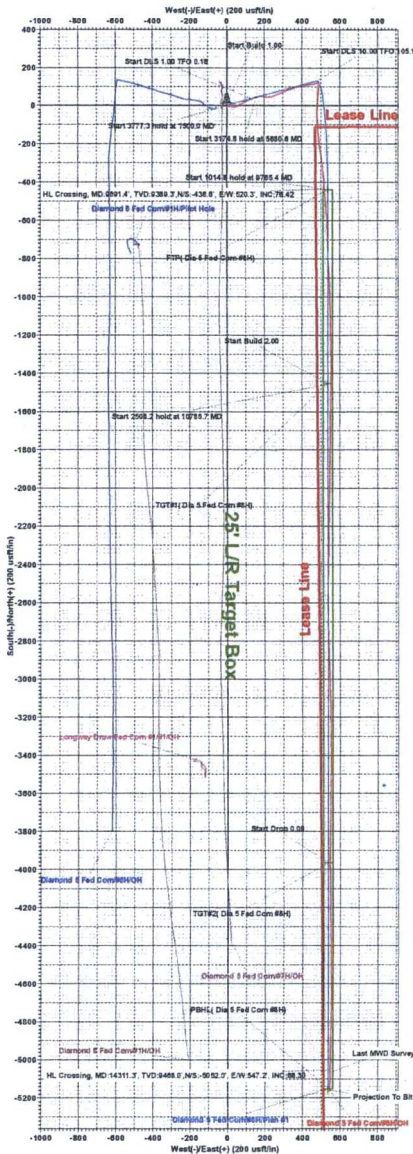
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1300.0	0.00	0.00	1300.0	0.0	0.0	0.00	0.00	0.0	
3	1500.0	2.00	74.74	1500.0	0.9	3.4	1.00	74.74	-0.6	
4	5277.3	6.03	74.86	5275.0	35.6	130.5	0.00	0.00	-21.8	
5	5680.6	6.03	74.86	5677.1	43.0	157.8	1.00	0.18	-26.4	
6	8855.3	6.03	74.86	8834.3	130.1	479.8	0.00	0.00	-79.5	
7	9765.4	89.44	180.00	9420.0	-437.0	539.0	10.00	105.11	490.7	FTP (Dia 5 Fed Com #8H)
8	10780.3	89.44	180.00	9430.0	-1451.8	539.0	0.00	0.00	1500.0	TGT#1 (Dia 5 Fed Com #8H)
9	10785.7	89.54	180.00	9430.0	-1457.2	539.0	2.00	0.00	1505.4	
10	13294.0	89.54	180.00	9450.0	-3965.4	539.0	0.00	0.00	4000.0	TGT#2 (Dia 5 Fed Com #8H)
11	14480.6	89.49	180.00	9460.0	-5152.0	539.0	0.00	180.00	5180.1	PBHL (Dia 5 Fed Com #8H)

CASING DETAILS

TVD	MD	Name	Size
1200.0	1200.0	13 3/8"	13-3/8
5175.0	5177.3	9 5/8"	9-5/8

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

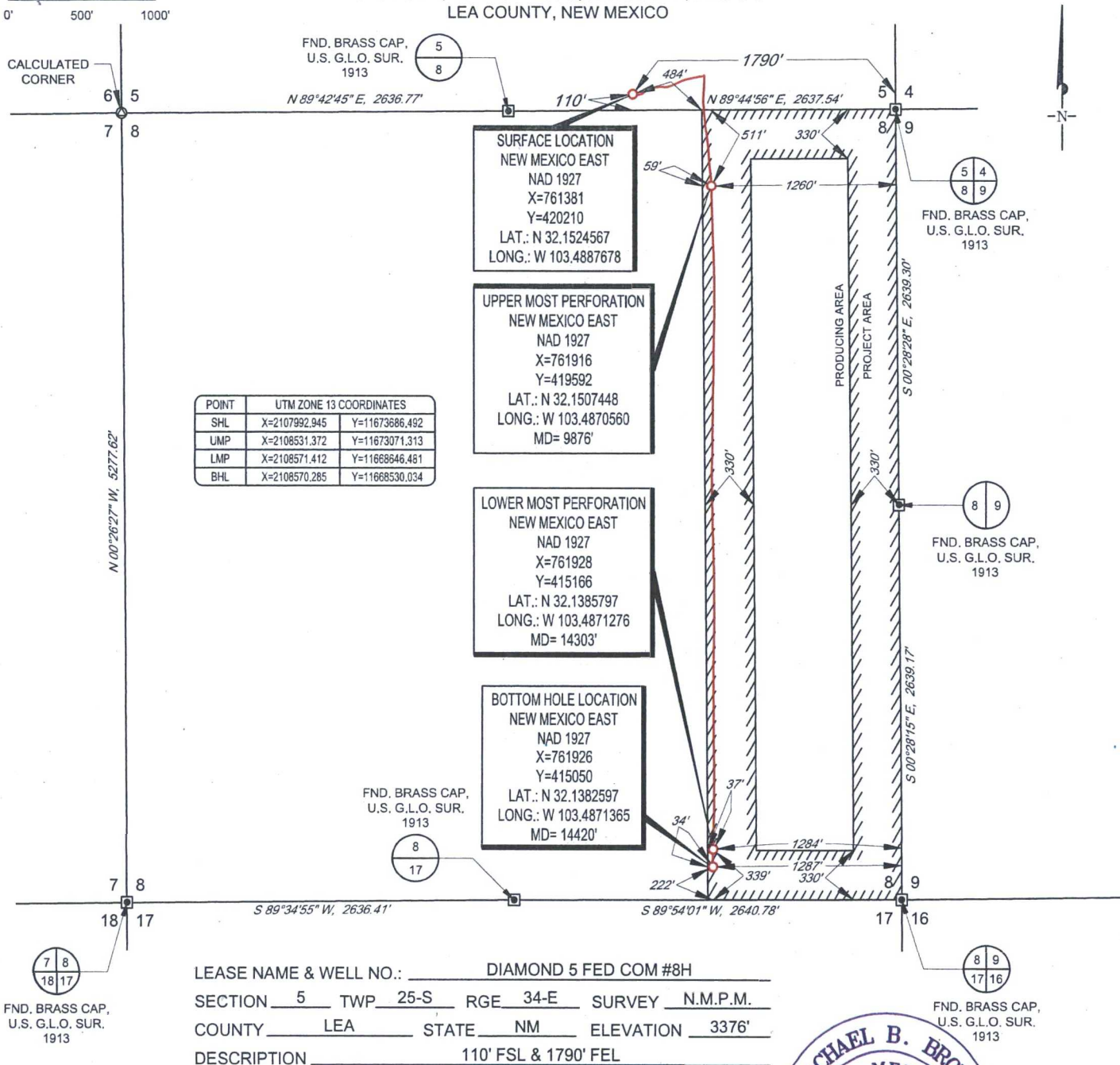
Name	TVD	+N/-S	+E/-W	Northing	Easting
FTP (Dia 5 Fed Com #8H)	9420.0	-437.0	539.0	419773.00	761920.00
TGT#1 (Dia 5 Fed Com #8H)	9430.0	-1451.8	539.0	418758.20	761920.00
TGT#2 (Dia 5 Fed Com #8H)	9450.0	-3965.4	539.0	418244.60	761920.00
PBHL (Dia 5 Fed Com #8H)	9460.0	-5152.0	539.0	415058.00	761920.00



WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

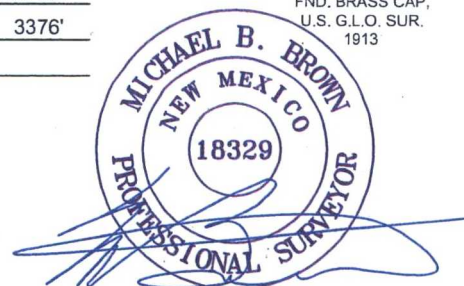
SCALE: 1" = 1000'

SECTION 5, TOWNSHIP 25-S, RANGE 34-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



TOPOGRAPHIC
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Michael Blake Brown, P.S. No. 18329
MARCH 10, 2017

DIAMOND 5 FED COM #8H AS-COMPLETED	REVISION:	
	INT	DATE
DATE: 03/10/17		
FILE:AD_DIAMOND5FEDCOM_8H		
DRAWN BY: A.C.C.		
SHEET: 1 OF 1		

NOTES:

1. ORIGINAL DOCUMENT SIZE: 8.5" X 11"
2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, U.S. SURVEY FEET, NORTH AMERICAN DATUM 1927.
3. THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.