

26-Jun-2002 (source: BGGM)
Magnetic North is 8.60 degrees East of True North
GRID North is 0.53 degrees East of True North
To correct azimuth from True to GRID subtract 0.53 deg
To correct azimuth from Magnetic to GRID add 8.06 deg

CREATED BY KELLYM
Date plotted : 10-Jun-2003
Plot Reference is PO 2DJ .
Coordinates are in feet reference slot #1.
True Vertical Depths are reference rotary table.

ROYSTIPP2
--- Baker Hughes INTEQ ---



INTEQ

APPROVAL

Operations: _____
Client: _____
Date: _____

David H. Arrington Oil & Gas, Inc.

Structure : ROYAL STIMULATOR #2

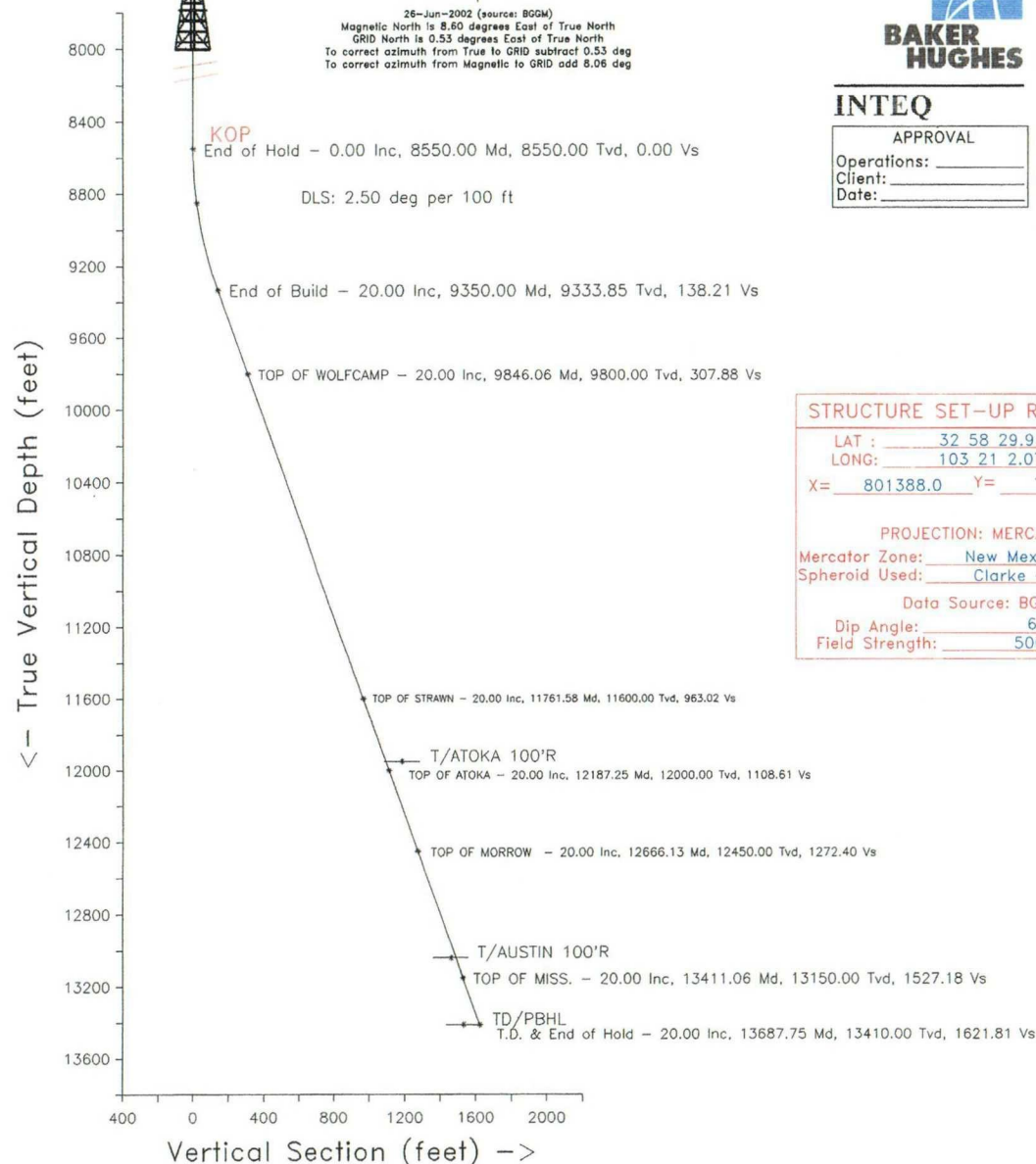
Well : RS#2

Field : WILDCAT

Location : LEA COUNTY, NEW MEXICO

WELL PROFILE DATA

Point	MD	Inc	Dir	TVD	North	East	V. Sect	Deg/100
Tie on	0.00	0.00	140.29	0.00	0.00	0.00	0.00	0.00
End of Hold	8550.00	0.00	140.29	8550.00	0.00	0.00	0.00	0.00
End of Build	9350.00	20.00	140.29	9333.85	-106.33	88.30	138.21	2.50
T.D. & End of Hold	13687.75	20.00	140.29	13410.00	-1247.73	1036.07	1621.81	0.00

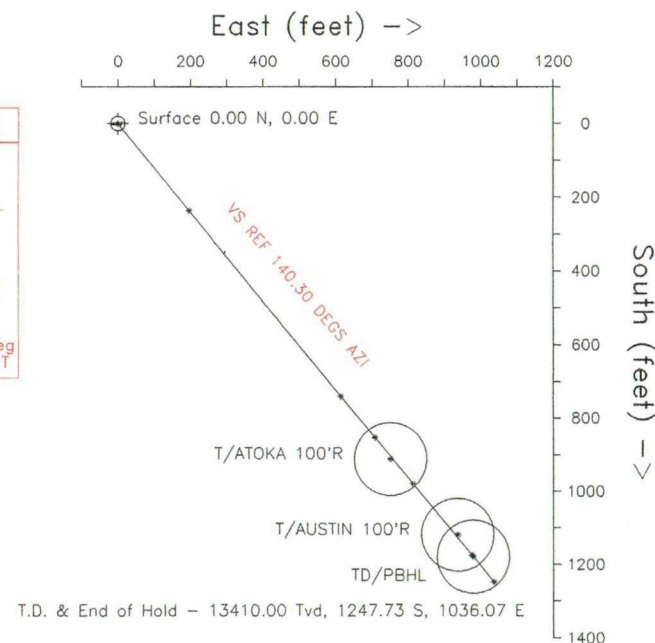


Azimuth 140.30 with reference 0.00 N, 0.00 E from slot #1

STRUCTURE SET-UP REFERENCE

LAT : 32 58 29.947 N
LONG : 103 21 2.074 W
X = 801388.0 Y = 719819.0

PROJECTION: MERCATOR
Mercator Zone: New Mexico East
Spheroid Used: Clarke - 1866
Data Source: BGGM
Dip Angle: 61.17 deg
Field Strength: 50087.34 nT



PROJECTED B.H.L.
1621.81' ON AZI 140.29 DEG
FROM SURFACE LOCATION
M.D: 13687.75' T.V.D: 13410.00'

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Case No. 13081 Exhibit No. 8

Submitted by:

DAVID H. ARRINGTON OIL AND GAS, INC.

Hearing Date: August 21, 2003