

THREE RIVERS OPERATING COMPANY LLC

Field: Lea County, NM (NAD27)
Site: Airstrip 6 State 2H
Well: 2H
Wellpath: Lateral
Plan: Plan #1a



Lease Line Distances

SHL
665'FWL, 2171'FSL

PBHL
510'FEL, 1980'FSL

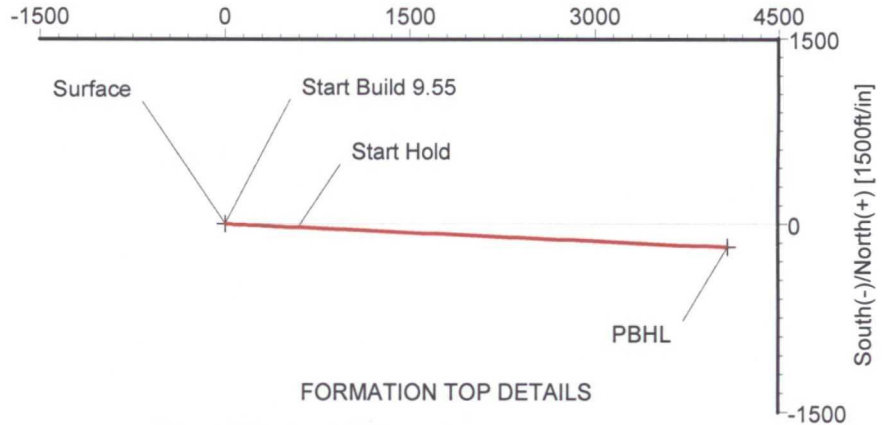


Azimuths to Grid North
True North: -0.45°
Magnetic North: 7.04°

Magnetic Field
Strength: 48845nT
Dip Angle: 60.61°
Date: 04/18/2012
Model: IGRF2010

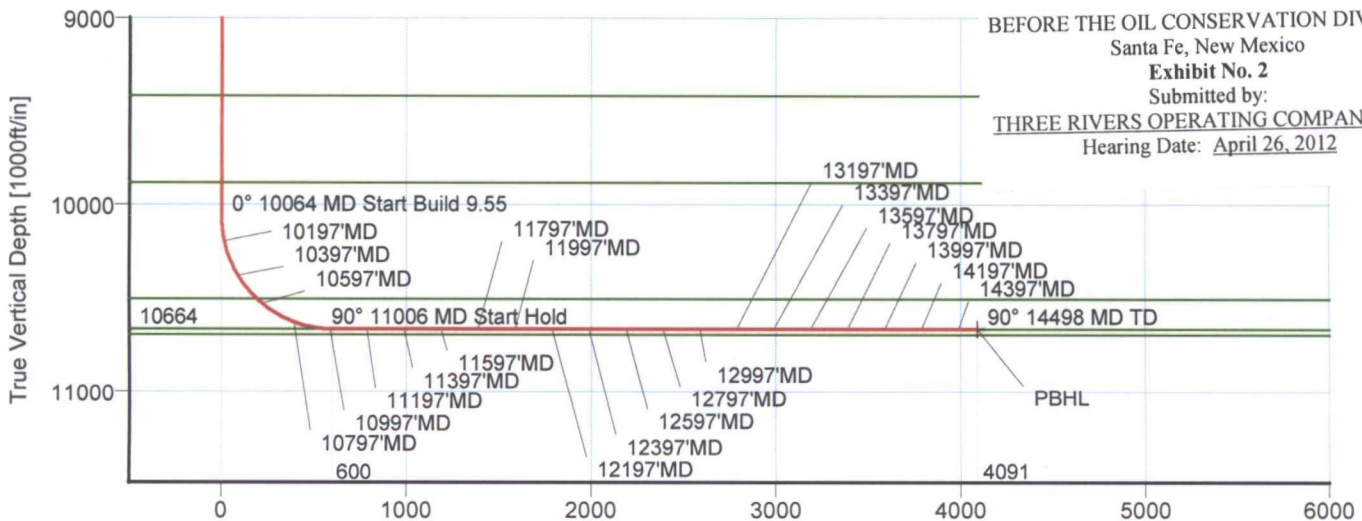
Digital Lines Unavailable
At Time Of Print

West(-)/East(+) [1500ft/in]



FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	1834.00	1834.00	Rustler
2	2102.00	2102.00	Top Salt
3	3184.00	3184.00	Base Salt
4	3386.00	3386.00	Yates
5	3851.00	3851.00	Seven Rivers
6	4614.00	4614.00	Queen
7	5618.00	5618.00	Cherry Canyon
8	6354.00	6354.00	Brushy Canyon
9	7856.00	7856.00	Bone Spring (top of Lime)
10	9415.00	9415.00	First Bone Spring Sand
11	9884.00	9884.00	Second Bone Spring Sand
12	10504.00	10557.93	Third Bone Spring Sand
13	10664.00	14400.00	**Target



BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. 2
Submitted by:
THREE RIVERS OPERATING COMPANY LLC
Hearing Date: April 26, 2012

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Surface	0.00	0.00	0.00	615115.71	755595.06	32°41'17.883N	103°30'09.236W	Point
PBHL	10664.00	-186.42	4086.93	614929.29	759681.99	32°41'15.719N	103°29'21.435W	Point

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	92.61	0.00	0.00	0.00	0.00	0.00	0.00	
2	10064.00	0.00	92.61	10064.00	0.00	0.00	0.00	0.00	0.00	
3	11006.48	90.00	92.61	10664.00	-27.34	599.38	9.55	92.61	600.00	
4	14497.66	90.00	92.61	10664.00	-186.42	4086.93	0.00	0.00	4091.18	PBHL

Wellpath: (2H/Lateral)

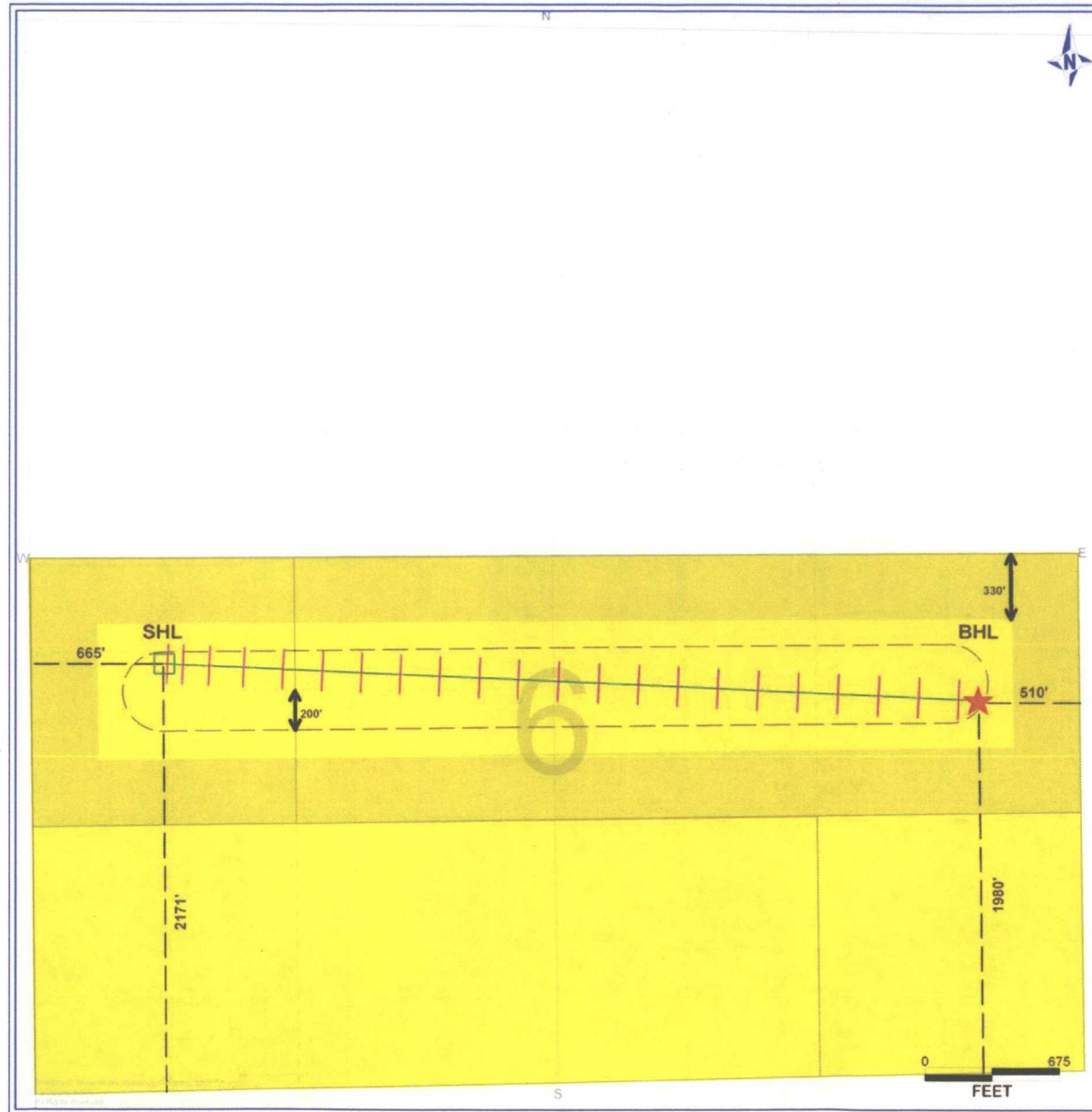
Created By: Ivonne Gonzalez

Date: 04/21/2012

ARCHER DIRECTIONAL DRILLING SERVICES
911 Regional Park Drive Houston, Texas 77060
Phone: 713-934-9600 Fax: 713-934-9067

Archer

Airstrip 6 State Well No. 2H – Horizontal Diagram (Map View)



Legend



Three Rivers
Acreage

SHL



3 ROC – Planned Horizontal Well Path
(Airstrip 6 State #2H)



BHL

Location of Proposed Perfs Along
Planned Horizontal Well Path