

30-015-37549



Job Number: SVCO-100634
 Company: Yates Petroleum
 Lease/Well: B Graham BPU State 1H
 Location: Eddy County, NM
 Rig Name: Silver Oak #10
 RKB: 18'
 G.L. or M.S.L.: GL

State/Country: New Mexico/USA
 Declination: 7.75°
 Grid: East To Grid
 File name: F:\SURVEY\2010SU-11YATESP-11BGRAHA1H.SVY
 Date/Time: 28-Jul-10 / 08:29
 Curve Name: Surface - 2000' M.D. (Gyroscopic)

We hereby certify that our survey data from
 Surface MD to 2,000' MD is, to the best of
 our knowledge a true and accurate account of the
 well bore.
Dana Jutte 7/28/10
 MS Energy Services Date

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 89.83
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
200.00	.25	253.70	200.00	-.12	-.42	-.42	.44	253.70	.12
400.00	1.50	286.79	399.97	.51	-3.34	-3.34	3.38	278.69	.65
600.00	1.75	279.83	599.89	1.79	-8.86	-8.85	9.04	281.42	.16
800.00	1.50	272.87	799.81	2.44	-14.48	-14.48	14.69	279.57	.16
1000.00	.50	125.90	999.79	2.06	-16.39	-16.38	16.52	277.17	.97
1200.00	1.00	121.94	1199.78	.63	-14.20	-14.20	14.22	272.52	.25
1400.00	.50	41.98	1399.76	.35	-12.14	-12.14	12.14	271.66	.52
1600.00	.50	18.02	1599.75	1.83	-11.28	-11.28	11.43	279.21	.10
1800.00	1.25	11.05	1799.73	4.80	-10.60	-10.58	11.53	294.37	.38

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
Last Survey Depth Recorded									
2000.00	2.00	53.11	1999.65	9.04	-7.39	-7.36	11.67	320.74	.68

MS ENERGY SERVICES
ODESSA, TEXAS

GYROSCOPIC DIRECTIONAL SURVEY
BY MINIMUM CURVATURE

FOR

* YATES PETROLEUM CORP. *

JOB NUMBER: SVCO-100634

WELL NAME: B GRAHAM BPU STATE #1H

LOCATION: EDDY COUNTY, NEW MEXICO

SURVEY DATE: JULY 27, 2010

SURVEY ENGINEER: S. SMITH

MAGNETIC DECLINATION: 07.75 GRID NORTH

GYRO REFERENCE BEARING: GRID NORTH

VERTICAL SECTION CALCULATED IN A
PROPOSAL DIRECTION OF: 089.83
SURF. ELEVATION: 18

***** DEPTH MEASURED IN FEET *****

***** THIS DIRECTIONAL SURVEY REPORT IS *****
***** CORRECT TO THE BEST OF MY KNOWLEDGE *****
***** AND IS SUPPORTED BY ACTUAL FIELD DATA! *****
COMMENTS: SILVER OAK 10
DAVE WILLIAMSON
RKB 18'
TBUSSELL@YATESPETROLEUM.COM

***** COMPANY REPRESENTATIVE *****
