

Permit Conditions Of Approval

C-101, Permit 5483

Operator: BP AMERICA PRODUCTION COMPANY , 778

Well: SLIDER "6" STATE #001

OCD Reviewer	Condition
BARRANT	Opeartor to drill surface hole with fresh water mud or air only..

Slider State "6", Well #1

Eddy County, New Mexico
Section 6, T18S, R28EGL Elevation: 3662'
Estimated RKB: 3677'

Proposed Casing Design

(not to scale)

17 1/2" Open Hole @ ±450' MD/ TVDSurface Casing: 13 3/8", 48#, H-40, STC @
±450' MD/ TVD

Mud: Freshwater & gel

MWT @ TD: 8.4 ppg

Cement to Surface (hole volume): ±312 cu.ft (250 SXS)

Premium Plus "C" 14.8#

20", J-55, 53#, Pre-drill
conductor set @ ±40' MD/ TVD

Red-Mix Cement to surface (40 SXS)

11" Open Hole @ ±3100' MD/ TVDIntermediate Casing: 8 5/8", 32#, J-55, LTC @
±3100' MD/ TVD

Mud: Natural Brine & gel

MWT @ TD: 10 ppg

Cement to Surface (hole volume): ±1274 cu.ft (700 SXS)
CLASS "C" 11.9#

KOP: ±6,900' MD/ TVD

7 7/8" Open Hole TD @ 10,308' MD / 10,260' TVD

Production Casing: 5 1/2", 17#, P-110, LTC @ ±10,308' MD/ TVD

Mud: Freshwater / Brine & Gel to 9,500' MD / 9,462' TVD.

MWT to 9500': (8.8 ppg - 9.0 ppg)

Mud: Freshwater/ Brine/ Gel & Starch 9,500' MD / 9,462' TVD to
TD

MWT 9500' - TD: (9.5 ppg to 10.2 ppg)

Top of Tail Cmt: ±9,300' MD / 9,264' TVD

Top of Lead Cmt. ±8,000' MD / 7,982' TVD

Cement (hole volume): 400 cu.ft. (300 SXS)

Premium Plus "C" 14.8#

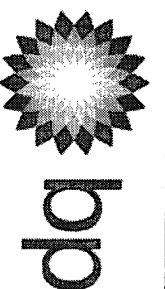
Target Sands

Top Mississippian: 10,160' TVD / 10,206' MD

revision1 jr.3/2/05

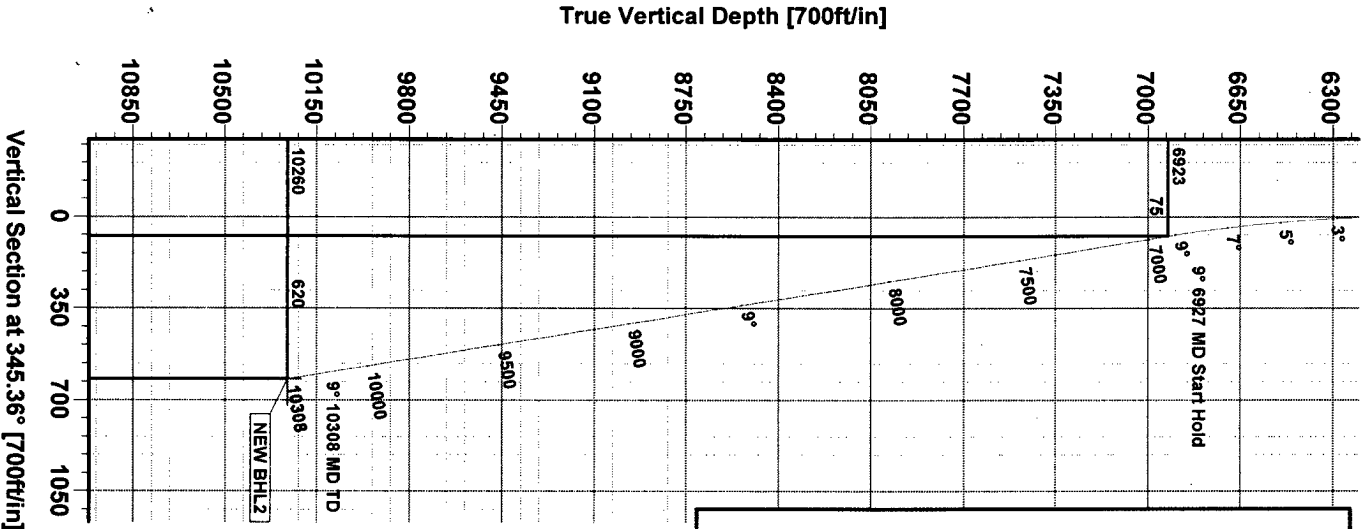
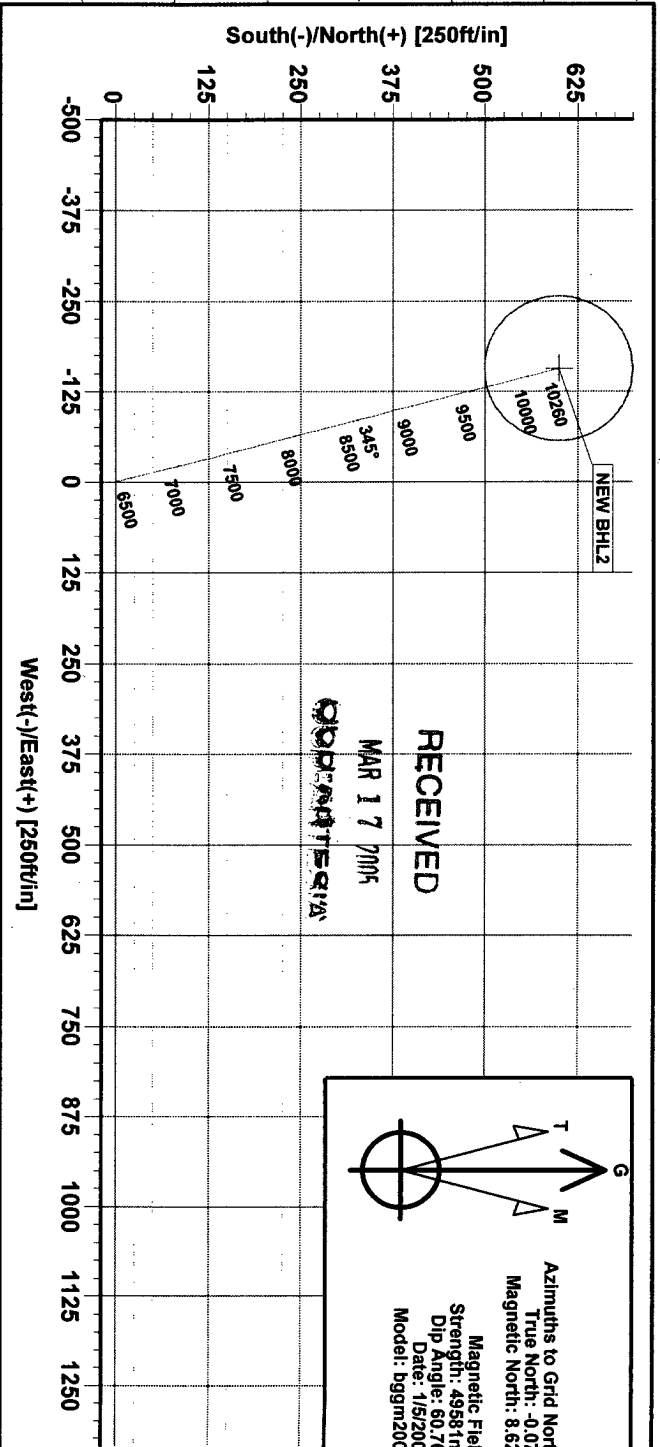


Field: EDDY COUNTY, NM
Site: SEC 6-T18S-R28E
Well: SLIDER STATE #6
Wellpath: ORIGINAL HOLE
Plan: Plan #3



Azimuths to Grid North
True North: -0.07°
Magnetic North: 8.62°

Magnetic Field
Strength: 49581nT
Dip Angle: 60.76°
Date: 1/5/2005
Model: bbgm2004



SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	6000.00	0.00	0.00	6000.00	0.00	0.00	0.00	0.00	0.00
3	6927.03	9.27	345.36	6922.99	72.41	-18.92	1.00	345.36	74.84
4	10308.21	9.27	345.36	10260.00	599.45	-156.61	0.00	0.00	619.57 NEW BHL2

TARGET DETAILS				
Name	TVD	+N/-S	+E/-W	Shape
NEW BHL2	10260.00	599.45	-156.61	Circle (Radius: 100)

Co-ordinate (N/E) Reference: Well Centre: SLIDER STATE #6, Grid North
Vertical (TVD) Reference: GL=3662+25KB 3687.00
Section (VS) Reference: Slot - (0.00N,0.00E)
Measured Depth Reference: GL=3662+25KB 3687.00
Calculation Method: Minimum Curvature

WELL DETAILS				
Name	+N/-S	+E/-W	Northing	Easting
SLIDER STATE #6	0.00	0.00	646430.60	537866.60

Company: BP Field: EDDY COUNTY, NM Site: SEC 6-T18S-R28E Well: SLIDER STATE #6 Wellpath: ORIGINAL HOLE	Date: 1/12/2005 Co-ordinate(NE) Reference: Well: SLIDER STATE #6, Grid North Vertical (TVD) Reference: GL=3662'+25'KB 3687.0 Section (VS) Reference: Well (0.00N,0.00E,345.36Azi) Plan: Plan #3	Page: 1
---	--	----------------

Field: EDDY COUNTY, NM EDDY COUNTY, NM USA Map System: US State Plane Coordinate System 1927 Geo Datum: NAD27 (Clarke 1866) Sys Datum: Mean Sea Level	Map Zone: New Mexico, Eastern Zone Coordinate System: Well Centre Geomagnetic Model: bggm2004
--	--

Site: SEC 6-T18S-R28E

SEC6-T18S-R28E

Site Position: From: Map Position Uncertainty: 0.00 ft Ground Level: 0.00 ft	Northing: 646430.60 ft Easting: 537866.60 ft	Latitude: 32 46 37.447 N Longitude: 104 12 36.470 W North Reference: Grid Grid Convergence: 0.07 deg
---	---	---

Well: SLIDER STATE #6

Slot Name:

Surface Position: +N/-S 0.00 ft +E/-W 0.00 ft Position Uncertainty: 0.00 ft Reference Point: +N/-S 0.00 ft +E/-W 0.00 ft	Northing: 646430.60 ft Easting: 537866.60 ft Northing: 646430.60 ft Easting: 537866.60 ft Measured Depth: 3687.00 ft Vertical Depth: 3687.00 ft	Latitude: 32 46 37.447 N Longitude: 104 12 36.470 W Latitude: 32 46 37.447 N Longitude: 104 12 36.470 W Inclination: 0.00 deg Azimuth: 0.00 deg
---	--	--

Wellpath: ORIGINAL HOLE

Current Datum: GL=3662'+25'KB Magnetic Data: 1/5/2005 Field Strength: 49581 nT Vertical Section: Depth From (TVD) ft	Height 3687.00 ft +N/-S ft	Drilled From: Well Ref. Point Tie-on Depth: 3687.00 ft Above System Datum: Mean Sea Level Declination: 8.69 deg Mag Dip Angle: 60.76 deg +E/-W ft Direction deg
3687.00	0.00	0.00 345.36

Plan: Plan #3

Date Composed: 1/5/2005
Version: 5
Tied-to: User Defined

Principal: Yes

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6000.00	0.00	0.00	6000.00	0.00	0.00	0.00	0.00	0.00	0.00	
6927.03	9.27	345.36	6922.99	72.41	-18.92	1.00	1.00	-1.58	345.36	
10308.21	9.27	345.36	10260.00	599.45	-156.61	0.00	0.00	0.00	0.00	NEW BHL2

Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6000.00	0.00	0.00	6000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Section 2 : Start DLS 1.00 TFO 345.36

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
6100.00	1.00	345.36	6099.99	0.84	-0.22	0.87	1.00	1.00	0.00	0.00
6200.00	2.00	345.36	6199.96	3.38	-0.88	3.49	1.00	1.00	0.00	0.00
6300.00	3.00	345.36	6299.86	7.60	-1.99	7.85	1.00	1.00	0.00	0.00
6400.00	4.00	345.36	6399.68	13.51	-3.53	13.96	1.00	1.00	0.00	0.00
6500.00	5.00	345.36	6499.37	21.10	-5.51	21.80	1.00	1.00	0.00	0.00
6600.00	6.00	345.36	6598.90	30.37	-7.93	31.39	1.00	1.00	0.00	0.00
6700.00	7.00	345.36	6698.26	41.32	-10.80	42.71	1.00	1.00	0.00	0.00
6800.00	8.00	345.36	6797.40	53.95	-14.10	55.77	1.00	1.00	0.00	0.00
6900.00	9.00	345.36	6896.30	68.26	-17.83	70.55	1.00	1.00	0.00	0.00

Company: BP Field: EDDY COUNTY, NM Site: SEC 6-T18S-R28E Well: SLIDER STATE #6 Wellpath: ORIGINAL HOLE	Date: 1/12/2005 Time: 10:40:09 Page: 2 Co-ordinate(NE) Reference: Well: SLIDER STATE #6, Grid North Vertical (TVD) Reference: GL=3662'+25'KB 3687.0 Section (VS) Reference: Well (0.00N,0.00E,345.36Azi) Plan: Plan #3
---	---

Section 2 : Start DLS 1.00 TFO 345.36

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
6927.03	9.27	345.36	6922.99	72.41	-18.92	74.84	1.00	1.00	0.00	0.00

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
7000.00	9.27	345.36	6995.01	83.78	-21.89	86.60	0.00	0.00	0.00	0.00
7100.00	9.27	345.36	7093.70	99.37	-25.96	102.71	0.00	0.00	0.00	0.00
7200.00	9.27	345.36	7192.39	114.96	-30.03	118.82	0.00	0.00	0.00	0.00
7300.00	9.27	345.36	7291.09	130.55	-34.11	134.93	0.00	0.00	0.00	0.00
7400.00	9.27	345.36	7389.78	146.13	-38.18	151.04	0.00	0.00	0.00	0.00
7500.00	9.27	345.36	7488.47	161.72	-42.25	167.15	0.00	0.00	0.00	0.00
7600.00	9.27	345.36	7587.17	177.31	-46.32	183.26	0.00	0.00	0.00	0.00
7700.00	9.27	345.36	7685.86	192.90	-50.40	199.37	0.00	0.00	0.00	0.00
7800.00	9.27	345.36	7784.56	208.48	-54.47	215.48	0.00	0.00	0.00	0.00
7900.00	9.27	345.36	7883.25	224.07	-58.54	231.59	0.00	0.00	0.00	0.00
8000.00	9.27	345.36	7981.94	239.66	-62.61	247.70	0.00	0.00	0.00	0.00
8100.00	9.27	345.36	8080.64	255.25	-66.69	263.81	0.00	0.00	0.00	0.00
8200.00	9.27	345.36	8179.33	270.83	-70.76	279.93	0.00	0.00	0.00	0.00
8300.00	9.27	345.36	8278.02	286.42	-74.83	296.04	0.00	0.00	0.00	0.00
8400.00	9.27	345.36	8376.72	302.01	-78.90	312.15	0.00	0.00	0.00	0.00
8500.00	9.27	345.36	8475.41	317.60	-82.98	328.26	0.00	0.00	0.00	0.00
8600.00	9.27	345.36	8574.11	333.18	-87.05	344.37	0.00	0.00	0.00	0.00
8700.00	9.27	345.36	8672.80	348.77	-91.12	360.48	0.00	0.00	0.00	0.00
8800.00	9.27	345.36	8771.49	364.36	-95.19	376.59	0.00	0.00	0.00	0.00
8900.00	9.27	345.36	8870.19	379.95	-99.27	392.70	0.00	0.00	0.00	0.00
9000.00	9.27	345.36	8968.88	395.54	-103.34	408.81	0.00	0.00	0.00	0.00
9100.00	9.27	345.36	9067.57	411.12	-107.41	424.92	0.00	0.00	0.00	0.00
9200.00	9.27	345.36	9166.27	426.71	-111.48	441.03	0.00	0.00	0.00	0.00
9300.00	9.27	345.36	9264.96	442.30	-115.56	457.14	0.00	0.00	0.00	0.00
9400.00	9.27	345.36	9363.65	457.89	-119.63	473.25	0.00	0.00	0.00	0.00
9500.00	9.27	345.36	9462.35	473.47	-123.70	489.37	0.00	0.00	0.00	0.00
9600.00	9.27	345.36	9561.04	489.06	-127.77	505.48	0.00	0.00	0.00	0.00
9700.00	9.27	345.36	9659.74	504.65	-131.85	521.59	0.00	0.00	0.00	0.00
9800.00	9.27	345.36	9758.43	520.24	-135.92	537.70	0.00	0.00	0.00	0.00
9900.00	9.27	345.36	9857.12	535.82	-139.99	553.81	0.00	0.00	0.00	0.00
10000.00	9.27	345.36	9955.82	551.41	-144.06	569.92	0.00	0.00	0.00	0.00
10100.00	9.27	345.36	10054.51	567.00	-148.13	586.03	0.00	0.00	0.00	0.00
10200.00	9.27	345.36	10153.20	582.59	-152.21	602.14	0.00	0.00	0.00	0.00
10300.00	9.27	345.36	10251.90	598.17	-156.28	618.25	0.00	0.00	0.00	0.00
10308.21	9.27	345.36	10260.00	599.45	-156.61	619.57	0.00	0.00	0.00	0.00

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6000.00	0.00	0.00	6000.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD ISCWSA
6100.00	1.00	345.36	6099.99	0.84	-0.22	0.87	1.00	1.00	0.00	MWD ISCWSA
6200.00	2.00	345.36	6199.96	3.38	-0.88	3.49	1.00	1.00	0.00	MWD ISCWSA
6300.00	3.00	345.36	6299.86	7.60	-1.99	7.85	1.00	1.00	0.00	MWD ISCWSA
6400.00	4.00	345.36	6399.68	13.51	-3.53	13.96	1.00	1.00	0.00	MWD ISCWSA
6500.00	5.00	345.36	6499.37	21.10	-5.51	21.80	1.00	1.00	0.00	MWD ISCWSA
6600.00	6.00	345.36	6598.90	30.37	-7.93	31.39	1.00	1.00	0.00	MWD ISCWSA
6700.00	7.00	345.36	6698.26	41.32	-10.80	42.71	1.00	1.00	0.00	MWD ISCWSA
6800.00	8.00	345.36	6797.40	53.95	-14.10	55.77	1.00	1.00	0.00	MWD ISCWSA
6900.00	9.00	345.36	6896.30	68.26	-17.83	70.55	1.00	1.00	0.00	MWD ISCWSA
6927.03	9.27	345.36	6922.99	72.41	-18.92	74.84	1.00	1.00	0.00	MWD ISCWSA
7000.00	9.27	345.36	6995.01	83.78	-21.89	86.60	0.00	0.00	0.00	MWD ISCWSA
7100.00	9.27	345.36	7093.70	99.37	-25.96	102.71	0.00	0.00	0.00	MWD ISCWSA
7200.00	9.27	345.36	7192.39	114.96	-30.03	118.82	0.00	0.00	0.00	MWD ISCWSA
7300.00	9.27	345.36	7291.09	130.55	-34.11	134.93	0.00	0.00	0.00	MWD ISCWSA

Company: BP Field: EDDY COUNTY, NM Site: SEC 6-T18S-R28E Well: SLIDER STATE #6 Wellpath: ORIGINAL HOLE	Date: 1/12/2005 Co-ordinate(NE) Reference: Well: SLIDER STATE #6, Grid North Vertical (TVD) Reference: GL=3662'+25'KB 3687.0 Section (VS) Reference: Well (0.00N,0.00E,345.36Azi) Plan: Plan #3
---	--

Field: EDDY COUNTY, NM
 EDDY COUNTY, NM
 USA

Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Well Centre
Geomagnetic Model: bggm2004

Site: SEC 6-T18S-R28E

SEC6-T18S-R28E

Site Position:	Northing: 646430.60 ft	Latitude: 32 46 37.447 N
From: Map	Easting: 537866.60 ft	Longitude: 104 12 36.470 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 0.00 ft		Grid Convergence: 0.07 deg

Well: SLIDER STATE #6

Slot Name:

Surface Position: +N/-S 0.00 ft	Northing: 646430.60 ft	Latitude: 32 46 37.447 N
+E/-W 0.00 ft	Easting: 537866.60 ft	Longitude: 104 12 36.470 W
Position Uncertainty: 0.00 ft		
Reference Point: +N/-S 0.00 ft	Northing: 646430.60 ft	Latitude: 32 46 37.447 N
+E/-W 0.00 ft	Easting: 537866.60 ft	Longitude: 104 12 36.470 W
	Measured Depth: 3687.00 ft	Inclination: 0.00 deg
	Vertical Depth: 3687.00 ft	Azimuth: 0.00 deg

Wellpath: ORIGINAL HOLE

Current Datum: GL=3662'+25'KB
Magnetic Data: 1/5/2005
Field Strength: 49581 nT
Vertical Section: Depth From (TVD)
 ft

Height 3687.00 ft

Drilled From: Well Ref. Point
Tie-on Depth: 3687.00 ft
Above System Datum: Mean Sea Level
Declination: 8.69 deg
Mag Dip Angle: 60.76 deg
+E/-W Direction
 ft deg

3687.00	0.00	0.00	345.36
---------	------	------	--------

Plan: Plan #3

Date Composed: 1/5/2005
Version: 5
Tied-to: User Defined

Principal: Yes

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6000.00	0.00	0.00	6000.00	0.00	0.00	0.00	0.00	0.00	0.00	
6927.03	9.27	345.36	6922.99	72.41	-18.92	1.00	1.00	-1.58	345.36	
10308.21	9.27	345.36	10260.00	599.45	-156.61	0.00	0.00	0.00	0.00	NEW BHL2

Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6000.00	0.00	0.00	6000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Section 2 : Start DLS 1.00 TFO 345.36

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
6100.00	1.00	345.36	6099.99	0.84	-0.22	0.87	1.00	1.00	0.00	0.00
6200.00	2.00	345.36	6199.96	3.38	-0.88	3.49	1.00	1.00	0.00	0.00
6300.00	3.00	345.36	6299.86	7.60	-1.99	7.85	1.00	1.00	0.00	0.00
6400.00	4.00	345.36	6399.68	13.51	-3.53	13.96	1.00	1.00	0.00	0.00
6500.00	5.00	345.36	6499.37	21.10	-5.51	21.80	1.00	1.00	0.00	0.00
6600.00	6.00	345.36	6598.90	30.37	-7.93	31.39	1.00	1.00	0.00	0.00
6700.00	7.00	345.36	6698.26	41.32	-10.80	42.71	1.00	1.00	0.00	0.00
6800.00	8.00	345.36	6797.40	53.95	-14.10	55.77	1.00	1.00	0.00	0.00
6900.00	9.00	345.36	6896.30	68.26	-17.83	70.55	1.00	1.00	0.00	0.00

Company: BP Field: EDDY COUNTY, NM Site: SEC 6-T18S-R28E Well: SLIDER STATE #6 Wellpath: ORIGINAL HOLE	Date: 1/12/2005 Co-ordinate(NE) Reference: Well: SLIDER STATE #6, Grid North Vertical (TVD) Reference: GL=3662'+25'KB 3687.0 Section (VS) Reference: Well (0.00N,0.00E,345.36Azi) Plan: Plan #3
---	--

Section 2 : Start DLS 1.00 TFO 345.36

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
6927.03	9.27	345.36	6922.99	72.41	-18.92	74.84	1.00	1.00	0.00	0.00

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
7000.00	9.27	345.36	6995.01	83.78	-21.89	86.60	0.00	0.00	0.00	0.00
7100.00	9.27	345.36	7093.70	99.37	-25.96	102.71	0.00	0.00	0.00	0.00
7200.00	9.27	345.36	7192.39	114.96	-30.03	118.82	0.00	0.00	0.00	0.00
7300.00	9.27	345.36	7291.09	130.55	-34.11	134.93	0.00	0.00	0.00	0.00
7400.00	9.27	345.36	7389.78	146.13	-38.18	151.04	0.00	0.00	0.00	0.00
7500.00	9.27	345.36	7488.47	161.72	-42.25	167.15	0.00	0.00	0.00	0.00
7600.00	9.27	345.36	7587.17	177.31	-46.32	183.26	0.00	0.00	0.00	0.00
7700.00	9.27	345.36	7685.86	192.90	-50.40	199.37	0.00	0.00	0.00	0.00
7800.00	9.27	345.36	7784.56	208.48	-54.47	215.48	0.00	0.00	0.00	0.00
7900.00	9.27	345.36	7883.25	224.07	-58.54	231.59	0.00	0.00	0.00	0.00
8000.00	9.27	345.36	7981.94	239.66	-62.61	247.70	0.00	0.00	0.00	0.00
8100.00	9.27	345.36	8080.64	255.25	-66.69	263.81	0.00	0.00	0.00	0.00
8200.00	9.27	345.36	8179.33	270.83	-70.76	279.93	0.00	0.00	0.00	0.00
8300.00	9.27	345.36	8278.02	286.42	-74.83	296.04	0.00	0.00	0.00	0.00
8400.00	9.27	345.36	8376.72	302.01	-78.90	312.15	0.00	0.00	0.00	0.00
8500.00	9.27	345.36	8475.41	317.60	-82.98	328.26	0.00	0.00	0.00	0.00
8600.00	9.27	345.36	8574.11	333.18	-87.05	344.37	0.00	0.00	0.00	0.00
8700.00	9.27	345.36	8672.80	348.77	-91.12	360.48	0.00	0.00	0.00	0.00
8800.00	9.27	345.36	8771.49	364.36	-95.19	376.59	0.00	0.00	0.00	0.00
8900.00	9.27	345.36	8870.19	379.95	-99.27	392.70	0.00	0.00	0.00	0.00
9000.00	9.27	345.36	8968.88	395.54	-103.34	408.81	0.00	0.00	0.00	0.00
9100.00	9.27	345.36	9067.57	411.12	-107.41	424.92	0.00	0.00	0.00	0.00
9200.00	9.27	345.36	9166.27	426.71	-111.48	441.03	0.00	0.00	0.00	0.00
9300.00	9.27	345.36	9264.96	442.30	-115.56	457.14	0.00	0.00	0.00	0.00
9400.00	9.27	345.36	9363.65	457.89	-119.63	473.25	0.00	0.00	0.00	0.00
9500.00	9.27	345.36	9462.35	473.47	-123.70	489.37	0.00	0.00	0.00	0.00
9600.00	9.27	345.36	9561.04	489.06	-127.77	505.48	0.00	0.00	0.00	0.00
9700.00	9.27	345.36	9659.74	504.65	-131.85	521.59	0.00	0.00	0.00	0.00
9800.00	9.27	345.36	9758.43	520.24	-135.92	537.70	0.00	0.00	0.00	0.00
9900.00	9.27	345.36	9857.12	535.82	-139.99	553.81	0.00	0.00	0.00	0.00
10000.00	9.27	345.36	9955.82	551.41	-144.06	569.92	0.00	0.00	0.00	0.00
10100.00	9.27	345.36	10054.51	567.00	-148.13	586.03	0.00	0.00	0.00	0.00
10200.00	9.27	345.36	10153.20	582.59	-152.21	602.14	0.00	0.00	0.00	0.00
10300.00	9.27	345.36	10251.90	598.17	-156.28	618.25	0.00	0.00	0.00	0.00
10308.21	9.27	345.36	10260.00	599.45	-156.61	619.57	0.00	0.00	0.00	0.00

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec			<--- Longitude ---> Deg Min Sec		
6000.00	0.00	0.00	6000.00	0.00	0.00	646430.60	537866.60	32	46	37.447 N	104	12	36.470 W
6100.00	1.00	345.36	6099.99	0.84	-0.22	646431.44	537866.38	32	46	37.456 N	104	12	36.473 W
6200.00	2.00	345.36	6199.96	3.38	-0.88	646433.98	537865.72	32	46	37.481 N	104	12	36.481 W
6300.00	3.00	345.36	6299.86	7.60	-1.99	646438.20	537864.62	32	46	37.523 N	104	12	36.493 W
6400.00	4.00	345.36	6399.68	13.51	-3.53	646444.10	537863.07	32	46	37.581 N	104	12	36.511 W
6500.00	5.00	345.36	6499.37	21.10	-5.51	646451.69	537861.09	32	46	37.656 N	104	12	36.535 W
6600.00	6.00	345.36	6598.90	30.37	-7.93	646460.97	537858.67	32	46	37.748 N	104	12	36.563 W
6700.00	7.00	345.36	6698.26	41.32	-10.80	646471.92	537855.80	32	46	37.856 N	104	12	36.596 W
6800.00	8.00	345.36	6797.40	53.95	-14.10	646484.55	537852.51	32	46	37.981 N	104	12	36.635 W
6900.00	9.00	345.36	6896.30	68.26	-17.83	646498.85	537848.77	32	46	38.123 N	104	12	36.678 W
6927.03	9.27	345.36	6922.99	72.41	-18.92	646503.00	537847.68	32	46	38.164 N	104	12	36.691 W
7000.00	9.27	345.36	6995.01	83.78	-21.89	646514.38	537844.71	32	46	38.277 N	104	12	36.725 W
7100.00	9.27	345.36	7093.70	99.37	-25.96	646529.96	537840.64	32	46	38.431 N	104	12	36.773 W
7200.00	9.27	345.36	7192.39	114.96	-30.03	646545.55	537836.57	32	46	38.585 N	104	12	36.820 W
7300.00	9.27	345.36	7291.09	130.55	-34.11	646561.13	537832.50	32	46	38.739 N	104	12	36.868 W

Company: BP
Field: EDDY COUNTY, NM
Site: SEC 6-T18S-R28E
Well: SLIDER STATE #6
Wellpath: ORIGINAL HOLE

Date: 1/12/2005 **Time:** 10:41:01 **Page:** 3
Co-ordinate(NE) Reference: Well: SLIDER STATE #6, Grid North
Vertical (TVD) Reference: GL=3662'+25'KB 3687.0
Section (VS) Reference: Well (0.00N,0.00E,345.36Azi)
Plan: Plan #3

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude →			← Longitude →		
								Deg	Min	Sec	Deg	Min	Sec
7400.00	9.27	345.36	7389.78	146.13	-38.18	646576.72	537828.42	32	46	38.894 N	104	12	36.915 W
7500.00	9.27	345.36	7488.47	161.72	-42.25	646592.31	537824.35	32	46	39.048 N	104	12	36.963 W
7600.00	9.27	345.36	7587.17	177.31	-46.32	646607.89	537820.28	32	46	39.202 N	104	12	37.010 W
7700.00	9.27	345.36	7685.86	192.90	-50.40	646623.48	537816.21	32	46	39.357 N	104	12	37.058 W
7800.00	9.27	345.36	7784.56	208.48	-54.47	646639.07	537812.14	32	46	39.511 N	104	12	37.105 W
7900.00	9.27	345.36	7883.25	224.07	-58.54	646654.65	537808.06	32	46	39.665 N	104	12	37.153 W
8000.00	9.27	345.36	7981.94	239.66	-62.61	646670.24	537803.99	32	46	39.819 N	104	12	37.200 W
8100.00	9.27	345.36	8080.64	255.25	-66.69	646685.82	537799.92	32	46	39.974 N	104	12	37.248 W
8200.00	9.27	345.36	8179.33	270.83	-70.76	646701.41	537795.85	32	46	40.128 N	104	12	37.295 W
8300.00	9.27	345.36	8278.02	286.42	-74.83	646717.00	537791.78	32	46	40.282 N	104	12	37.343 W
8400.00	9.27	345.36	8376.72	302.01	-78.90	646732.58	537787.70	32	46	40.437 N	104	12	37.390 W
8500.00	9.27	345.36	8475.41	317.60	-82.98	646748.17	537783.63	32	46	40.591 N	104	12	37.438 W
8600.00	9.27	345.36	8574.11	333.18	-87.05	646763.76	537779.56	32	46	40.745 N	104	12	37.485 W
8700.00	9.27	345.36	8672.80	348.77	-91.12	646779.34	537775.49	32	46	40.899 N	104	12	37.533 W
8800.00	9.27	345.36	8771.49	364.36	-95.19	646794.93	537771.42	32	46	41.054 N	104	12	37.580 W
8900.00	9.27	345.36	8870.19	379.95	-99.27	646810.51	537767.34	32	46	41.208 N	104	12	37.628 W
9000.00	9.27	345.36	8968.88	395.54	-103.34	646826.10	537763.27	32	46	41.362 N	104	12	37.675 W
9100.00	9.27	345.36	9067.57	411.12	-107.41	646841.69	537759.20	32	46	41.517 N	104	12	37.723 W
9200.00	9.27	345.36	9166.27	426.71	-111.48	646857.27	537755.13	32	46	41.671 N	104	12	37.770 W
9300.00	9.27	345.36	9264.96	442.30	-115.56	646872.86	537751.05	32	46	41.825 N	104	12	37.818 W
9400.00	9.27	345.36	9363.65	457.89	-119.63	646888.44	537746.98	32	46	41.979 N	104	12	37.865 W
9500.00	9.27	345.36	9462.35	473.47	-123.70	646904.03	537742.91	32	46	42.134 N	104	12	37.913 W
9600.00	9.27	345.36	9561.04	489.06	-127.77	646919.62	537738.84	32	46	42.288 N	104	12	37.960 W
9700.00	9.27	345.36	9659.74	504.65	-131.85	646935.20	537734.77	32	46	42.442 N	104	12	38.008 W
9800.00	9.27	345.36	9758.43	520.24	-135.92	646950.79	537730.69	32	46	42.596 N	104	12	38.055 W
9900.00	9.27	345.36	9857.12	535.82	-139.99	646966.38	537726.62	32	46	42.751 N	104	12	38.103 W
10000.00	9.27	345.36	9955.82	551.41	-144.06	646981.96	537722.55	32	46	42.905 N	104	12	38.150 W
10100.00	9.27	345.36	10054.51	567.00	-148.13	646997.55	537718.48	32	46	43.059 N	104	12	38.197 W
10200.00	9.27	345.36	10153.20	582.59	-152.21	647013.13	537714.41	32	46	43.214 N	104	12	38.245 W
10300.00	9.27	345.36	10251.90	598.17	-156.28	647028.72	537710.33	32	46	43.368 N	104	12	38.292 W
10308.21	9.27	345.36	10260.00	599.45	-156.61	647030.00	537710.00	32	46	43.381 N	104	12	38.296 W

Targets

Name	Description		TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude --->			<--- Longitude --->		
	Dip.	Dir.						Deg	Min	Sec	Deg	Min	Sec
NEW BHL2 -Circle (Radius: 100) -Plan hit target			10260.00	599.45	-156.61	647030.00	537710.00	32	46	43.381 N	104	12	38.296 W