

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 West Grand Avenue, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

"AS DRILLED PLAT"

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34940	² Pool Code 71599 / 72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 7530	⁵ Property Name STANOLIND GAS COM	⁶ Well Number 1B
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6426'

¹⁰ Surface Location

UL or lot no. P	Section 16	Township 30-N	Range 8-W	Lot Idn	Feet from the 330'	North/South line SOUTH	Feet from the 580'	East/West line EAST	County SAN JUAN
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¹¹ Bottom Hole Location If Different From Surface

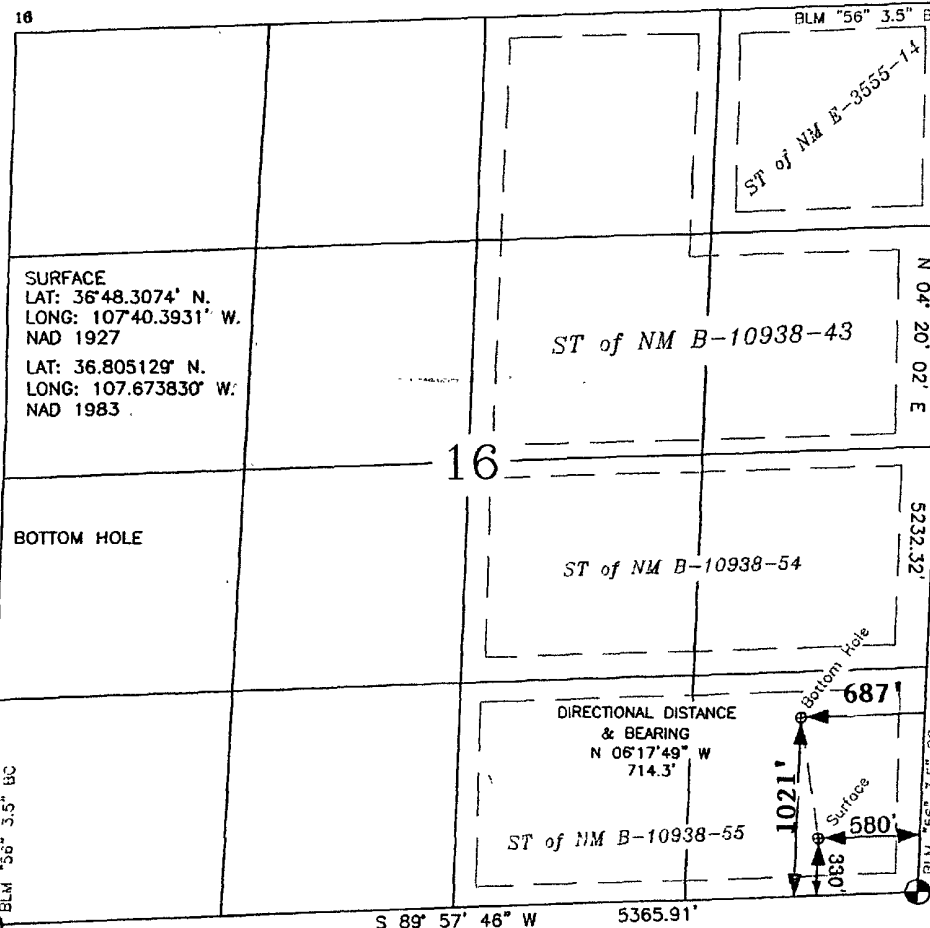
UL or lot no. P	Section 16	Township 30-N	Range 8-W	Lot Idn	Feet from the 1021	North/South line SOUTH	Feet from the 687	East/West line EAST	County SAN JUAN
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¹² Dedicated Acres DK 320.0 ACRES E/2 MV 320.0 ACRES E/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. RCVD APR 20 '10 OIL CONS. DIV.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

DIST. 3

16



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Crystal Tafoya 4/13/10
Signature
Crystal Tafoya 4/13/2010
Printed Name

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey **6-13-08**

Signature and Seal of Professional Surveyor

Calvin Russell
15703

Certificate Number **15703**

B 4/22



COP Deviation Report

STANOLIND GAS COM #1B

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName STANOLIND GAS COM #1B	API / UWI 3004534940	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location 016-030N-008W-P	N/S Dist (ft) 330.00	N/S Ref FSL	E/W Dist (ft) 580.00	E/W Ref FEL

Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
1/2/2010	544.00	2.46	IncAzi-MWD	Scientific Drilling
1/2/2010	605.00	2.33	IncAzi-MWD	Scientific Drilling
1/2/2010	667.00	2.81	IncAzi-MWD	Scientific Drilling
1/2/2010	729.00	3.70	IncAzi-MWD	Scientific Drilling
1/2/2010	791.00	4.72	IncAzi-MWD	Scientific Drilling
1/2/2010	852.00	6.00	IncAzi-MWD	Scientific Drilling
1/2/2010	913.00	6.92	IncAzi-MWD	Scientific Drilling
1/2/2010	978.00	8.29	IncAzi-MWD	Scientific Drilling
1/2/2010	1,041.00	9.69	IncAzi-MWD	Scientific Drilling
1/2/2010	1,103.00	10.71	IncAzi-MWD	Scientific Drilling
1/2/2010	1,165.00	11.31	IncAzi-MWD	Scientific Drilling
1/2/2010	1,229.00	12.46	IncAzi-MWD	Scientific Drilling
1/2/2010	1,325.00	13.16	IncAzi-MWD	Scientific Drilling
1/2/2010	1,356.00	13.83	IncAzi-MWD	Scientific Drilling
1/2/2010	1,419.00	14.17	IncAzi-MWD	Scientific Drilling
1/2/2010	1,484.00	14.87	IncAzi-MWD	Scientific Drilling
1/2/2010	1,547.00	15.52	IncAzi-MWD	Scientific Drilling
1/2/2010	1,610.00	16.39	IncAzi-MWD	Scientific Drilling
1/2/2010	1,674.00	17.55	IncAzi-MWD	Scientific Drilling
1/2/2010	1,737.00	18.86	IncAzi-MWD	Scientific Drilling
1/2/2010	1,800.00	19.72	IncAzi-MWD	Scientific Drilling
1/3/2010	1,864.00	20.01	IncAzi-MWD	Scientific Drilling
1/3/2010	1,927.00	20.54	IncAzi-MWD	Scientific Drilling
1/3/2010	1,991.00	21.06	IncAzi-MWD	Scientific Drilling
1/3/2010	2,054.00	21.50	IncAzi-MWD	Scientific Drilling
1/3/2010	2,118.00	21.36	IncAzi-MWD	Scientific Drilling
1/3/2010	2,181.00	22.10	IncAzi-MWD	Scientific Drilling
1/3/2010	2,244.00	23.07	IncAzi-MWD	Scientific Drilling
1/3/2010	2,308.00	22.00	IncAzi-MWD	Scientific Drilling
1/3/2010	2,371.00	20.84	IncAzi-MWD	Scientific Drilling
1/3/2010	2,435.00	20.97	IncAzi-MWD	Scientific Drilling
1/3/2010	2,499.00	20.14	IncAzi-MWD	Scientific Drilling
1/3/2010	2,563.00	19.10	IncAzi-MWD	Scientific Drilling
1/3/2010	2,626.00	18.11	IncAzi-MWD	Scientific Drilling
1/3/2010	2,690.00	16.97	IncAzi-MWD	Scientific Drilling

I, the undersigned, certify that I acting in my capacity as _____ for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

Subscribed and sworn to me this _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____



COP Deviation Report
STANOLIND GAS COM #1B

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
1/3/2010	2,753.00	16.57	IncAzi-MWD	Scientific Drilling
1/3/2010	2,816.00	16.40	IncAzi-MWD	Scientific Drilling
1/3/2010	2,880.00	16.24	IncAzi-MWD	Scientific Drilling
1/3/2010	2,943.00	14.95	IncAzi-MWD	Scientific Drilling
1/3/2010	3,007.00	12.84	IncAzi-MWD	Scientific Drilling
1/3/2010	3,071.00	11.18	IncAzi-MWD	Scientific Drilling
1/3/2010	3,135.00	9.45	IncAzi-MWD	Scientific Drilling
1/3/2010	3,198.00	7.91	IncAzi-MWD	Scientific Drilling
1/3/2010	3,261.00	6.49	IncAzi-MWD	Scientific Drilling
1/3/2010	3,324.00	5.25	IncAzi-MWD	Scientific Drilling
1/3/2010	3,388.00	3.75	IncAzi-MWD	Scientific Drilling
1/3/2010	3,450.00	3.22	IncAzi-MWD	Scientific Drilling
1/3/2010	3,514.00	2.41	IncAzi-MWD	Scientific Drilling
1/3/2010	3,556.00	2.12	IncAzi-MWD	Scientific Drilling
1/3/2010	3,608.00	1.76	Projection	Scientific Drilling
1/15/2010	7,843.00	1.00	Inc-WL	PHOENIX
1/10/2010	7,910.00	0.00	Projection	Scientific Drilling

RCVD APR 20 '10
OIL CONS. DIV.
DIST. 3

I, the undersigned, certify that I acting in my capacity as Drilling Engineer for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

[Signature] ...

Subscribed and sworn to me this April 16, 2010

[Signature]
Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010

ConocoPhillips

SJB (NM West)

SEC 16-T30N-R8W

Stanolind Gas Com #1B

Original Hole

RCVD APR 20 '10

OIL CONS. DIV.

DIST. 3

Survey: Actual

API # 30-04S-34940

Standard Survey Report

17 February, 2010

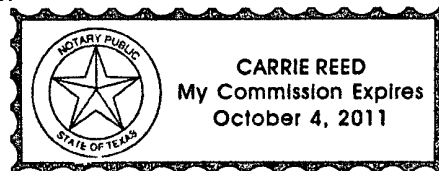
This survey is correct to the best of my knowledge and is supported by actual field data.

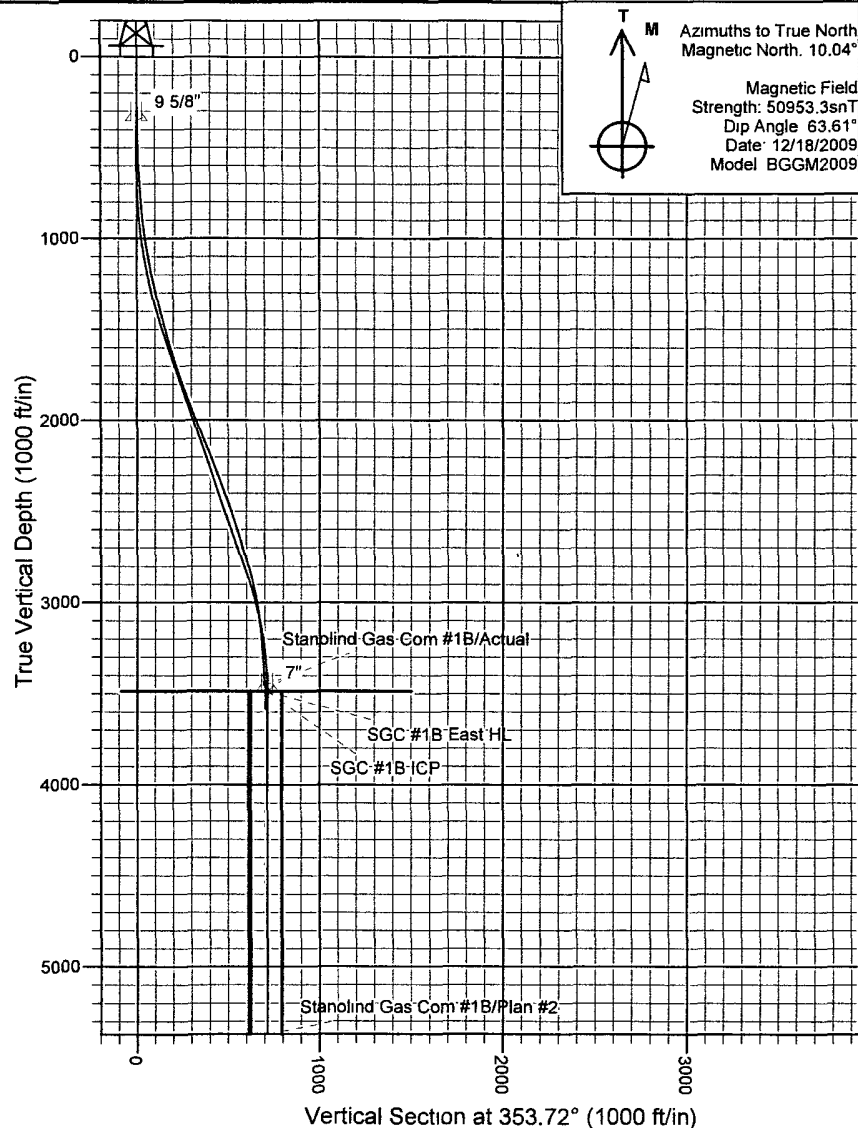
Richardson

Notorized this date 19th of February, 2010.

Carrie Reed

Notary Signature
County of Midland
State of Texas



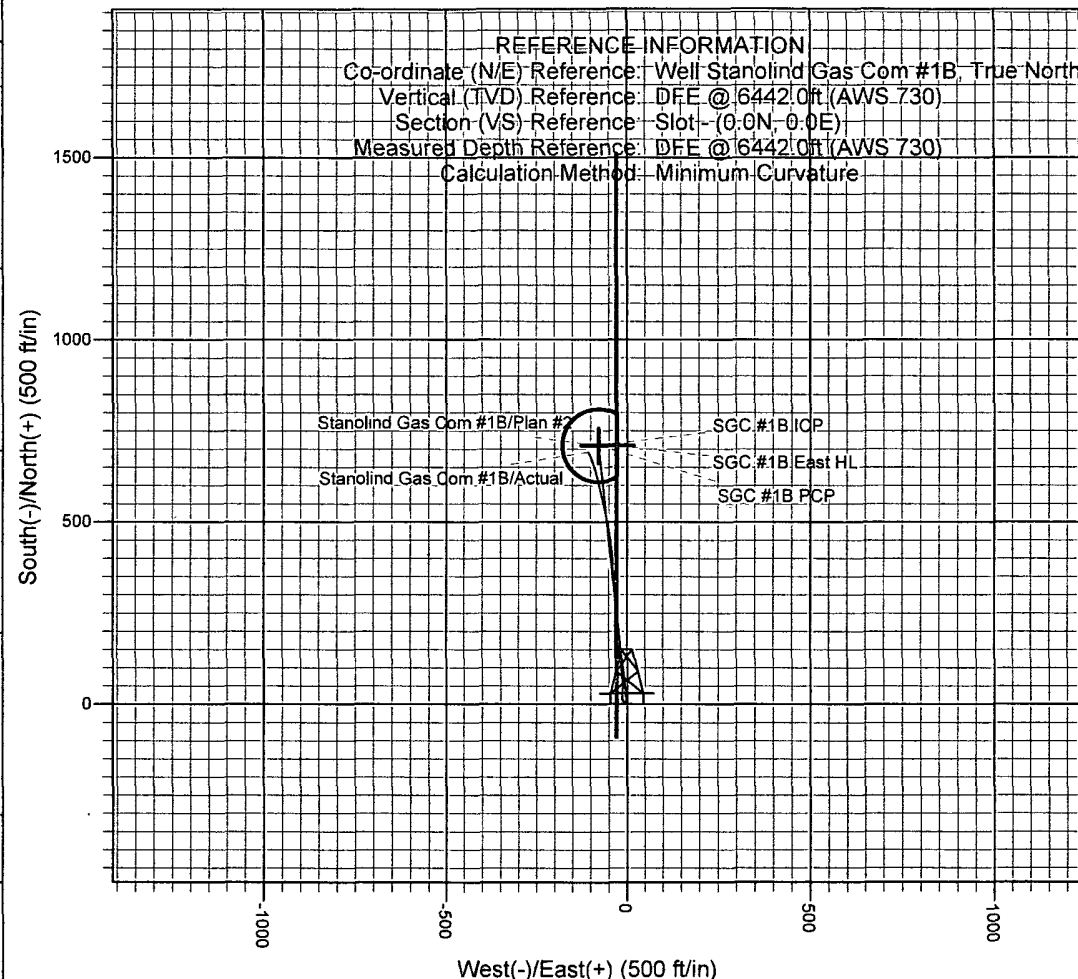


Azimuths to True North
Magnetic North: 10.04°

Magnetic Field
Strength: 50953.3snT
Dip Angle: 63.61°
Date: 12/18/2009
Model: BGGM2009

WELL DETAILS: Stanolind Gas Com #1B
DFE @ 6442.0ft (AWS 730)
Ground Level: 6426.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	2112363.24	546875.08	36° 48' 18.444 N	107° 40' 23.586 W	



COMPANY DETAILS: ConocoPhillips
Calculation Method: Minimum Curvature
Error System: ISCWSA
Scan Method: Closest Approach 3D
Error Surface: Combined Covariances
Warning Method: Risk Ratio

PROJECT DETAILS: SJB (NM West)
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico West 3003
System Datum: Mean Sea Level

SITE DETAILS: SEC 16-T30N-R8W
San Juan County NM
Site Centre Latitude: 36° 48' 18.444 N
Longitude: 107° 40' 23.586 W
Positional Uncertainty: 0.0
Convergence: 0.10
Local North: True

Scientific Drilling International, Inc.
Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Stanolind Gas Com #1B
Project:	SJB (NM West)	TVD Reference:	DFE @ 6442.0ft (AWS 730)
Site:	SEC 16-T30N-R8W	MD Reference:	DFE @ 6442.0ft (AWS 730)
Well:	Stanolind Gas Com #1B	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	edmCOP

Project	SJB (NM West), New Mexico, S-Type MV/DK Wells		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		Using Well Reference Point
Map Zone:	New Mexico West 3003		Using geodetic scale factor

Site	SEC 16-T30N-R8W				
Site Position:		Northing:	2,112,363.24 ft	Latitude:	36° 48' 18.444 N
From:	Lat/Long	Easting:	546,875.08 ft	Longitude:	107° 40' 23.586 W
Position Uncertainty:	0 0 ft	Slot Radius:	6-1/8"	Grid Convergence:	0.10 °

Well	Stanolind Gas Com #1B, S-Type MV/DK Well					
Well Position	+N/-S	0 0 ft	Northing:	2,112,363.24 ft	Latitude:	36° 48' 18.444 N
	+E/-W	0 0 ft	Easting:	546,875.08 ft	Longitude:	107° 40' 23.586 W
Position Uncertainty		3 5 ft	Wellhead Elevation:	ft	Ground Level:	6,426.0 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2009	12/18/2009	10.04	63.61	50,953

Design	Original Hole			
Audit Notes:				
Version:	1 0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	351 22

Survey Program	Date 2/17/2010			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
544.0	3,556.0	Actual (Original Hole)	MWD SDI	MWD - Standard ver 1.0.1

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
544.0	2.46	307.04	543.8	7.0	-9.3	8.4	0.45	0.45	0.00	
605.0	2.33	321.58	604.8	8.8	-11.1	10.4	1.02	-0.21	23.84	
667.0	2.81	348.29	666.7	11.3	-12.2	13.0	2.06	0.77	43.08	
729.0	3.70	356.61	728.6	14.8	-12.7	16.5	1.62	1.44	13.42	
791.0	4.72	3.62	790.5	19.3	-12.6	21.0	1.84	1.65	11.31	
852.0	6.00	3.77	851.2	25.0	-12.2	26.6	2.10	2.10	0.25	
913.0	6.92	3.32	911.8	31.8	-11.8	33.3	1.51	1.51	-0.74	
978.0	8.29	1.00	976.2	40.4	-11.5	41.7	2.16	2.11	-3.57	
1,041.0	9.69	358.83	1,038.4	50.3	-11.5	51.4	2.29	2.22	-3.44	
1,103.0	10.71	356.96	1,099.5	61.2	-12.0	62.3	1.73	1.65	-3.02	
1,165.0	11.31	354.24	1,160.3	73.0	-12.9	74.2	1.28	0.97	-4.39	
1,229.0	12.46	354.19	1,223.0	86.2	-14.2	87.3	1.80	1.80	-0.08	

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Stanolind Gas Com #1B
Project:	SJB (NM West)	TVD Reference:	DFE @ 6442.0ft (AWS 730)
Site:	SEC 16-T30N-R8W	MD Reference:	DFE @ 6442.0ft (AWS 730)
Well:	Stanolind Gas Com #1B	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	edmCOP

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,325.0	13.16	353.31	1,316.6	107.3	-16.5	108.6	0.76	0.73	-0.92
1,356.0	13.83	352.47	1,346.7	114.5	-17.4	115.8	2.25	2.16	-2.71
1,419.0	14.17	350.82	1,407.8	129.6	-19.6	131.0	0.83	0.54	-2.62
1,484.0	14.87	350.20	1,470.8	145.6	-22.3	147.3	1.10	1.08	-0.95
1,547.0	15.52	352.35	1,531.6	162.0	-24.8	163.9	1.37	1.03	3.41
1,610.0	16.39	353.92	1,592.1	179.2	-26.9	181.2	1.54	1.38	2.49
1,674.0	17.55	356.25	1,653.3	197.8	-28.5	199.8	2.10	1.81	3.64
1,737.0	18.86	357.91	1,713.2	217.4	-29.5	219.4	2.24	2.08	2.63
1,800.0	19.72	359.49	1,772.7	238.2	-29.9	240.0	1.60	1.37	2.51
1,864.0	20.01	358.88	1,832.8	260.0	-30.2	261.5	0.56	0.45	-0.95
1,927.0	20.54	358.45	1,891.9	281.8	-30.7	283.2	0.87	0.84	-0.68
1,991.0	21.06	357.55	1,951.8	304.5	-31.5	305.8	0.95	0.81	-1.41
2,054.0	21.50	356.06	2,010.5	327.3	-32.8	328.5	1.11	0.70	-2.37
2,118.0	21.36	354.86	2,070.0	350.6	-34.7	351.8	0.72	-0.22	-1.88
2,181.0	22.10	354.58	2,128.6	373.9	-36.8	375.1	1.19	1.17	-0.44
2,244.0	23.07	354.55	2,186.7	398.0	-39.1	399.3	1.54	1.54	-0.05
2,308.0	22.00	353.18	2,245.9	422.3	-41.7	423.8	1.86	-1.67	-2.14
2,371.0	20.84	350.97	2,304.5	445.1	-44.9	446.8	2.24	-1.84	-3.51
2,435.0	20.97	351.01	2,364.3	467.7	-48.5	469.6	0.20	0.20	0.06
2,499.0	20.14	349.83	2,424.2	489.8	-52.2	492.1	1.45	-1.30	-1.84
2,563.0	19.10	348.65	2,484.5	510.9	-56.2	513.5	1.74	-1.63	-1.84
2,626.0	18.11	348.38	2,544.2	530.6	-60.2	533.6	1.58	-1.57	-0.43
2,690.0	16.97	347.45	2,605.2	549.5	-64.2	552.9	1.83	-1.78	-1.45
2,753.0	16.57	347.12	2,665.5	567.2	-68.2	571.0	0.65	-0.63	-0.52
2,816.0	16.40	346.57	2,726.0	584.6	-72.3	588.8	0.37	-0.27	-0.87
2,880.0	16.24	345.89	2,787.4	602.1	-76.6	606.7	0.39	-0.25	-1.06
2,943.0	14.95	345.22	2,848.1	618.5	-80.8	623.6	2.07	-2.05	-1.06
3,007.0	12.84	344.58	2,910.2	633.4	-84.8	638.9	3.31	-3.30	-1.00
3,071.0	11.18	343.36	2,972.8	646.2	-88.5	652.1	2.62	-2.59	-1.91
3,135.0	9.45	341.46	3,035.7	657.1	-91.9	663.4	2.75	-2.70	-2.97
3,198.0	7.91	338.65	3,098.0	666.0	-95.1	672.7	2.53	-2.44	-4.46
3,261.0	6.49	336.67	3,160.5	673.3	-98.1	680.4	2.29	-2.25	-3.14
3,324.0	5.25	335.80	3,223.2	679.2	-100.7	686.6	1.97	-1.97	-1.38
3,388.0	3.75	337.76	3,287.0	683.8	-102.7	691.5	2.36	-2.34	3.06
3,450.0	3.22	332.67	3,348.9	687.3	-104.3	695.1	0.99	-0.85	-8.21
3,514.0	2.41	328.52	3,412.8	690.0	-105.8	698.1	1.30	-1.27	-6.48
3,556.0	2.12	318.83	3,454.8	691.3	-106.8	699.5	1.14	-0.69	-23.07

STANOLIND GAS COM #1B

Burlington Resources Oil & Gas Company, LP

Most Recent Job

Jobs

Job Category	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
COMPLETIONS	INITIAL COMPLETION	INITIAL COMPLETION	1/18/2010	

Well Config: DEVIATED - Original Hole, 4/13/2010 6:45:14 AM

