

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

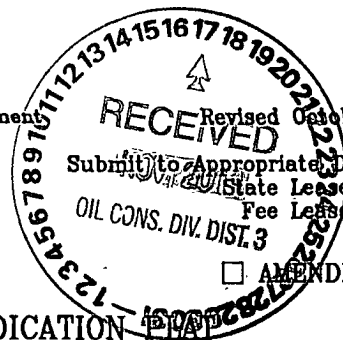
DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Artesia, 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
AS DRILLED PLAT



Form C-102

Revised October 12, 2005

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION

*API Number 30-045-35183		*Pool Code 72319 / 71599	*Pool Name BLANCO MESA VERDE / BASIN DAKOTA
*Property Code 7473	*Property Name SAN JUAN 32-9 UNIT		*Well Number 34 B
*OGRD No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		*Elevation 6171'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	35	32N	10W	11	2012'	SOUTH	1329'	WEST	SAN JUAN

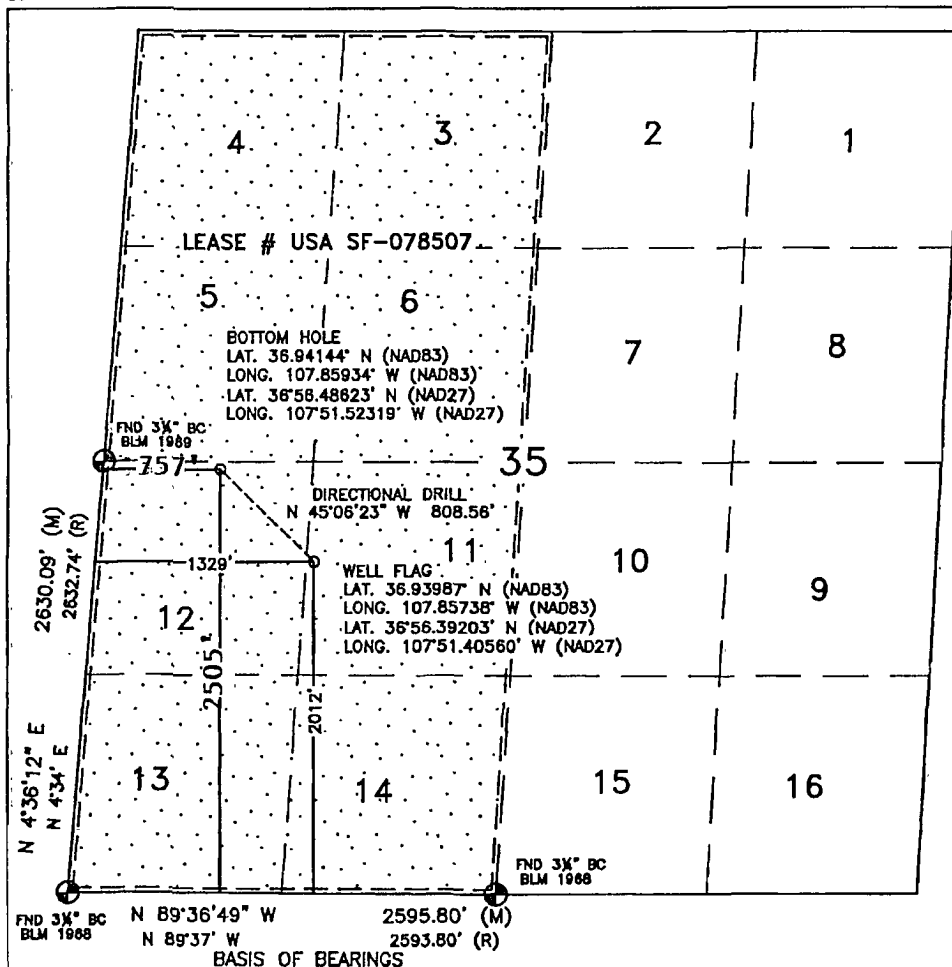
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	35	32N	10W	12	2505'	SOUTH	757'	WEST	SAN JUAN

*Dedicated Acres 307.82 Acres W/2	*Joint or Infill	*Consolidation Code	*Order No.
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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

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 unbiased 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 or a compulsory pooling order heretofore entered by the division.

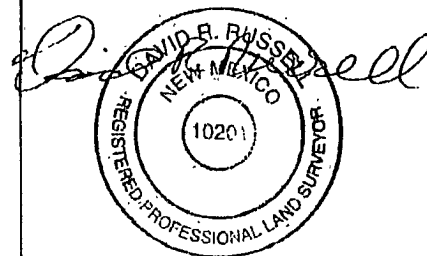
Signature: *[Signature]* Date: 11/15/11
Printed Name: Marle E. Jaramillo

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.

SEPTEMBER 14, 2009

Date of Survey
Signature and Seal of Professional Surveyor:



DAVID RUSSELL
Certificate Number 10201

COP Deviation Report
SAN JUAN 32-9 UNIT #34B

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName SAN JUAN 32-9 UNIT #34B	API / UWI 3004535183	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location 035-032N-010W-K	N/S Dist (ft) 2,012.00	N/S Ref FSL	E/W Dist (ft) 1,329.00	E/W Ref FWL

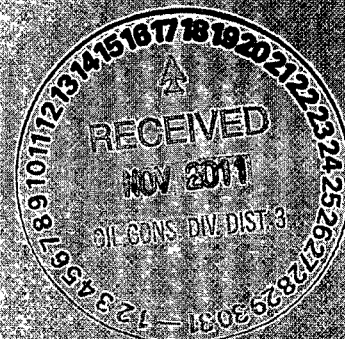
Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
10/11/2011	0.00	0.00	IncAzi-MWD	Scientific Drilling
8/3/2011	130.00	1.25	Inc-WL	MOTE
8/3/2011	236.00	2.25	Inc-WL	MOTE
10/11/2011	264.00	2.86	IncAzi-MWD	Scientific Drilling
10/11/2011	295.00	3.13	IncAzi-MWD	Scientific Drilling
10/11/2011	325.00	3.40	IncAzi-MWD	Scientific Drilling
10/11/2011	356.00	3.41	IncAzi-MWD	Scientific Drilling
10/11/2011	386.00	3.49	IncAzi-MWD	Scientific Drilling
10/11/2011	417.00	3.62	IncAzi-MWD	Scientific Drilling
10/11/2011	447.00	3.84	IncAzi-MWD	Scientific Drilling
10/11/2011	508.00	3.95	IncAzi-MWD	Scientific Drilling
10/11/2011	570.00	4.40	IncAzi-MWD	Scientific Drilling
10/11/2011	630.00	4.76	IncAzi-MWD	Scientific Drilling
10/11/2011	691.00	5.81	IncAzi-MWD	Scientific Drilling
10/11/2011	753.00	6.70	IncAzi-MWD	Scientific Drilling
10/11/2011	815.00	8.05	IncAzi-MWD	Scientific Drilling
10/11/2011	879.00	9.34	IncAzi-MWD	Scientific Drilling
10/11/2011	944.00	10.84	IncAzi-MWD	Scientific Drilling
10/11/2011	1,008.00	12.07	IncAzi-MWD	Scientific Drilling
10/11/2011	1,072.00	13.40	IncAzi-MWD	Scientific Drilling
10/11/2011	1,137.00	14.97	IncAzi-MWD	Scientific Drilling
10/11/2011	1,202.00	16.77	IncAzi-MWD	Scientific Drilling
10/11/2011	1,266.00	18.73	IncAzi-MWD	Scientific Drilling
10/11/2011	1,330.00	20.33	IncAzi-MWD	Scientific Drilling
10/11/2011	1,394.00	21.51	IncAzi-MWD	Scientific Drilling
10/11/2011	1,459.00	22.09	IncAzi-MWD	Scientific Drilling
10/11/2011	1,523.00	21.65	IncAzi-MWD	Scientific Drilling
10/11/2011	1,588.00	21.78	IncAzi-MWD	Scientific Drilling
10/11/2011	1,652.00	21.04	IncAzi-MWD	Scientific Drilling
10/11/2011	1,716.00	22.08	IncAzi-MWD	Scientific Drilling
10/11/2011	1,781.00	22.26	IncAzi-MWD	Scientific Drilling
10/11/2011	1,854.00	22.47	IncAzi-MWD	Scientific Drilling
10/11/2011	1,910.00	22.22	IncAzi-MWD	Scientific Drilling
10/11/2011	1,974.00	21.91	IncAzi-MWD	Scientific Drilling
10/11/2011	2,039.00	22.22	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 _____



Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
10/11/2011	2,103.00	22.18	IncAzi-MWD	Scientific Drilling
10/11/2011	2,168.00	22.41	IncAzi-MWD	Scientific Drilling
10/11/2011	2,230.00	22.73	IncAzi-MWD	Scientific Drilling
10/11/2011	2,295.00	22.98	IncAzi-MWD	Scientific Drilling
10/11/2011	2,360.00	21.97	IncAzi-MWD	Scientific Drilling
10/11/2011	2,424.00	21.60	IncAzi-MWD	Scientific Drilling
10/11/2011	2,489.00	19.86	IncAzi-MWD	Scientific Drilling
10/11/2011	2,553.00	17.45	IncAzi-MWD	Scientific Drilling
10/11/2011	2,618.00	15.57	IncAzi-MWD	Scientific Drilling
10/11/2011	2,682.00	14.68	IncAzi-MWD	Scientific Drilling
10/11/2011	2,747.00	13.14	IncAzi-MWD	Scientific Drilling
10/11/2011	2,811.00	11.61	IncAzi-MWD	Scientific Drilling
10/11/2011	2,876.00	10.43	IncAzi-MWD	Scientific Drilling
10/11/2011	2,941.00	9.93	IncAzi-MWD	Scientific Drilling
10/11/2011	3,005.00	9.74	IncAzi-MWD	Scientific Drilling
10/11/2011	3,070.00	8.13	IncAzi-MWD	Scientific Drilling
10/11/2011	3,134.00	6.81	IncAzi-MWD	Scientific Drilling
10/11/2011	3,198.00	5.85	IncAzi-MWD	Scientific Drilling
10/11/2011	3,263.00	5.12	IncAzi-MWD	Scientific Drilling
10/11/2011	3,327.00	3.57	IncAzi-MWD	Scientific Drilling
10/11/2011	3,392.00	2.32	IncAzi-MWD	Scientific Drilling
10/20/2011	7,697.00	1.75	Inc-WL	Phoenix Services LLC

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.

Carter Clancy

Subscribed and sworn to me this 11/16/11

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

My Commission expires 7/28/14



Scientific Drilling

ConocoPhillips

SJB (NM West)
SEC 35-T32N-R10W
SJ 32-9 #34B

Original Hole

Design: Original Hole

Standard Survey Report

28 October, 2011

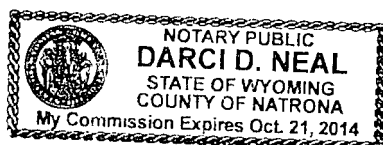


This survey is correct to the best of my knowledge and is supported by actual field data.

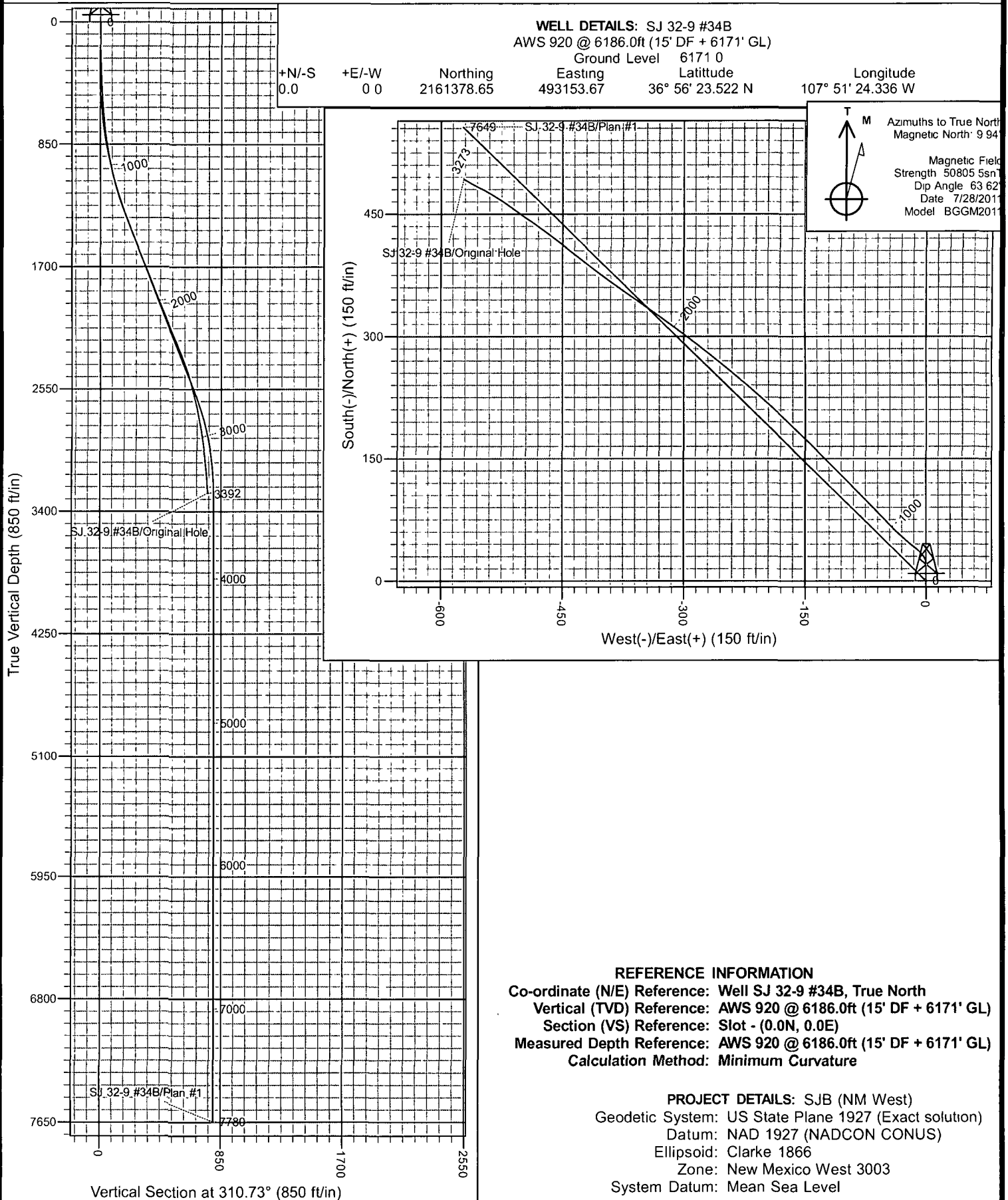
Notarized this date 28th of October, 2011.

Darci D. Neal

Notary Signature
County of Natrona
State of Wyoming



ConocoPhillips



Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 32-9 #34B
Project:	SJB (NM West)	TVD Reference:	AWS 920 @ 6186.0ft (15' DF + 6171' GL)
Site:	SEC 35-T32N-R10W	MD Reference:	AWS 920 @ 6186.0ft (15' DF + 6171' GL)
Well:	SJ 32-9 #34B	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 35-T32N-R10W		
Site Position:		Northing:	2,161,378.65 ft
From:	Lat/Long	Easting:	493,153.67 ft
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 56' 23.522 N
		Longitude:	107° 51' 24.336 W
		Grid Convergence:	-0.01 °

Well	SJ 32-9 #34B, S-Type MV/DK Well		
Well Position	+N/-S	0.0 ft	Northing: 2,161,378.65 ft
	+E/-W	0.0 ft	Easting: 493,153.67 ft
Position Uncertainty	3.5 ft	Wellhead Elevation:	ft
		Latitude:	36° 56' 23.522 N
		Longitude:	107° 51' 24.336 W
		Ground Level:	6,171.0 ft

Wellbore	Original Hole		
Magnetics	Model Name	Sample Date	Declination
			(°)
	BGGM2011	7/28/2011	9.94
			Dip Angle
			(°)
			63.62
			Field Strength
			(nT)
			50,806

Design	Original Hole		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0.0	0.0	0.0
			Direction
			(°)
			310.73

Survey Program	Date	10/28/2011		
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
264.0	3,392.0	Survey #1 (Original Hole)	MWD SDI	MWD - Standard ver 1.0.1

Survey									
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn
Depth	(°)	(°)	Depth	(ft)	(ft)	Section	Rate	Rate	Rate
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
264.0	2.86	359.40	263.9	6.6	-0.1	4.4	1.08	1.08	0.00
First SDI MWD Survey									
295.0	3.13	2.15	294.8	8.2	0.0	5.4	0.99	0.87	8.87
325.0	3.40	2.41	324.8	9.9	0.0	6.5	0.90	0.90	0.87
356.0	3.41	357.62	355.7	11.8	0.0	7.7	0.92	0.03	-15.45
386.0	3.49	2.20	385.7	13.6	0.0	8.8	0.96	0.27	15.27
417.0	3.62	357.79	416.6	15.5	0.0	10.1	0.98	0.42	-14.23
447.0	3.84	1.11	446.6	17.4	0.0	11.4	1.03	0.73	11.07
508.0	3.95	357.21	507.4	21.6	-0.1	14.1	0.47	0.18	-6.39
570.0	4.40	339.68	569.3	25.9	-1.0	17.7	2.17	0.73	-28.27
630.0	4.76	325.58	629.1	30.1	-3.2	22.1	1.96	0.60	-23.50
691.0	5.81	317.33	689.8	34.5	-6.7	27.6	2.12	1.72	-13.52

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 32-9 #34B
Project:	SJB (NM West)	TVD Reference:	AWS 920 @ 6186.0ft (15' DF + 6171' GL)
Site:	SEC 35-T32N-R10W	MD Reference:	AWS 920 @ 6186.0ft (15' DF + 6171' GL)
Well:	SJ 32-9 #34B	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)
753.0	6.70	308.20	751.4	39.0	-11.7	34.3	2.15	1.44	-14.73
815.0	8.05	308.69	812.9	44.0	-17.9	42.3	2.18	2.18	0.79
879.0	9.34	310.95	876.2	50.2	-25.3	52.0	2.08	2.02	3.53
944.0	10.84	311.69	940.2	57.7	-33.9	63.3	2.32	2.31	1.14
1,008.0	12.07	314.93	1,002.9	66.5	-43.1	76.0	2.17	1.92	5.06
1,072.0	13.40	316.96	1,065.3	76.6	-52.9	90.1	2.19	2.08	3.17
1,137.0	14.97	315.93	1,128.4	88.1	-63.9	105.9	2.45	2.42	-1.58
1,202.0	16.77	315.17	1,190.9	100.8	-76.4	123.6	2.79	2.77	-1.17
1,266.0	18.73	314.89	1,251.8	114.6	-90.1	143.1	3.07	3.06	-0.44
1,330.0	20.33	314.65	1,312.1	129.7	-105.3	164.4	2.50	2.50	-0.38
1,394.0	21.51	314.97	1,371.9	145.8	-121.5	187.2	1.85	1.84	0.50
1,459.0	22.09	314.89	1,432.3	162.8	-138.6	211.3	0.89	0.89	-0.12
1,523.0	21.65	313.31	1,491.7	179.4	-155.7	235.1	1.15	-0.69	-2.47
1,588.0	21.78	314.35	1,552.1	196.1	-173.1	259.1	0.62	0.20	1.60
1,652.0	21.04	311.87	1,611.6	212.1	-190.1	282.5	1.83	-1.16	-3.88
1,716.0	22.08	311.21	1,671.2	227.7	-207.7	306.0	1.67	1.63	-1.03
1,781.0	22.26	310.34	1,731.4	243.7	-226.3	330.5	0.58	0.28	-1.34
1,845.0	22.47	309.66	1,790.5	259.3	-245.0	354.8	0.52	0.33	-1.06
1,910.0	22.22	308.82	1,850.7	275.0	-264.1	379.5	0.62	-0.38	-1.29
1,974.0	21.91	307.42	1,910.0	289.8	-283.0	403.6	0.95	-0.48	-2.19
2,039.0	22.22	306.87	1,970.2	304.5	-302.5	427.9	0.57	0.48	-0.85
2,103.0	22.18	306.08	2,029.5	318.9	-321.9	452.0	0.47	-0.06	-1.23
2,168.0	22.41	304.57	2,089.6	333.2	-342.1	476.6	0.95	0.35	-2.32
2,230.0	22.73	304.81	2,146.9	346.7	-361.6	500.3	0.54	0.52	0.39
2,295.0	22.98	304.75	2,206.8	361.1	-382.4	525.4	0.39	0.38	-0.09
2,360.0	21.97	307.02	2,266.8	375.7	-402.5	550.1	2.05	-1.55	3.49
2,424.0	21.60	307.55	2,326.2	390.1	-421.4	573.8	0.65	-0.58	0.83
2,489.0	19.86	308.52	2,387.0	404.2	-439.5	596.8	2.73	-2.68	1.49
2,553.0	17.45	306.23	2,447.7	416.7	-455.8	617.2	3.94	-3.77	-3.58
2,618.0	15.57	306.52	2,510.0	427.6	-470.6	635.7	2.90	-2.89	0.45
2,682.0	14.68	304.60	2,571.8	437.3	-484.2	652.3	1.60	-1.39	-3.00
2,747.0	13.14	304.93	2,634.9	446.2	-497.1	667.8	2.37	-2.37	0.51
2,811.0	11.61	305.72	2,697.4	454.2	-508.2	681.5	2.41	-2.39	1.23
2,876.0	10.43	305.48	2,761.2	461.4	-518.3	693.9	1.82	-1.82	-0.37
2,941.0	9.93	302.39	2,825.2	467.8	-527.9	705.3	1.14	-0.77	-4.75
3,005.0	9.74	300.39	2,888.2	473.5	-537.2	716.1	0.61	-0.30	-3.13
3,070.0	8.13	298.38	2,952.4	478.5	-546.0	726.0	2.52	-2.48	-3.09
3,134.0	6.81	295.32	3,015.9	482.3	-553.4	734.0	2.15	-2.06	-4.78
3,198.0	5.85	299.91	3,079.5	485.5	-559.7	740.9	1.69	-1.50	7.17
3,263.0	5.12	302.59	3,144.2	488.7	-565.0	747.0	1.19	-1.12	4.12
3,327.0	3.57	295.52	3,208.0	491.1	-569.2	751.8	2.56	-2.42	-11.05
3,392.0	2.32	297.06	3,272.9	492.6	-572.2	755.0	1.93	-1.92	2.37
Last SDI MWD Survey									

Checked By: _____	Approved By: _____	Date: _____
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