

District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 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
Instructions on back
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 30-039-30835	² Pool Code 72319 / 71599	³ Pool Name BLANCO MESAVERDE / BASIN DAKOTA
⁴ Property Code 7469	⁵ Property Name SAN JUAN 30-6 UNIT	⁶ Well Number 100B
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6858'

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
E	35	30N	7W		1635	NORTH	1150	WEST	RIO ARriba

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
F	35	30N	7W		2386	NORTH	1926	WEST	RIO ARriba

¹² Dedicated Acres 320.0 Acres - W/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. RCVD DEC 22 '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

5278.68'

16 SURFACE LOCATION LAT: 36°46.3104'N LONG: 107°32.6843'W DATUM: NAD1927 BOTTOM-HOLE LAT: 36.77185°N LONG: 107.54535°W DATUM: NAD1983 LEASE NMSF-079383 5280.00'	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 working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Crystal Tafoya</i> 12/22/10 Signature Date Crystal Tafoya 12/22/10 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. Survey Date: FEBRUARY 5, 2009 Signature and Seal of Professional Surveyor JASON C. EDWARDS Certificate Number 15269
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Legal WellName : SAN JUAN 30-6 UNIT #100B	API / UWI: 3003930835
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP	Surf Loc: 035-030N-007W-E
St/Prov: NEW MEXICO	N/S Dist (ft): 1,635.00 - FNL
County: RIO ARriba	E/W Dist (ft): 1,150.00 - FWL

Wellbore Name : Original Hole					
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
INCLINATION SURVEY	10/13/2010	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
10/13/2010	130.00	.50	.00	Inc-WL	MOTE
10/13/2010	236.00	.75	.00	Inc-WL	MOTE
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
MWD SURVEY	10/29/2010	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
10/29/2010	.00	.00	.00	IncAzi-MWD	Scientific Drilling
10/29/2010	276.00	.74	163.16	IncAzi-MWD	Scientific Drilling
10/29/2010	338.00	.91	152.39	IncAzi-MWD	Scientific Drilling
10/29/2010	400.00	1.97	153.15	IncAzi-MWD	Scientific Drilling
10/29/2010	461.00	3.33	142.03	IncAzi-MWD	Scientific Drilling
10/29/2010	523.00	4.70	140.00	IncAzi-MWD	Scientific Drilling
10/29/2010	584.00	6.28	132.67	IncAzi-MWD	Scientific Drilling
10/29/2010	646.00	7.96	132.27	IncAzi-MWD	Scientific Drilling
10/29/2010	708.00	9.74	132.47	IncAzi-MWD	Scientific Drilling
10/29/2010	770.00	11.84	133.39	IncAzi-MWD	Scientific Drilling
10/29/2010	832.00	14.14	133.08	IncAzi-MWD	Scientific Drilling
10/29/2010	894.00	16.30	133.67	IncAzi-MWD	Scientific Drilling
10/29/2010	955.00	18.54	133.13	IncAzi-MWD	Scientific Drilling
10/29/2010	1,017.00	21.06	134.46	IncAzi-MWD	Scientific Drilling
10/31/2010	1,078.00	23.12	134.39	IncAzi-MWD	Scientific Drilling
10/31/2010	1,140.00	25.44	135.43	IncAzi-MWD	Scientific Drilling
10/31/2010	1,201.00	27.46	134.82	IncAzi-MWD	Scientific Drilling
10/31/2010	1,263.00	28.06	133.80	IncAzi-MWD	Scientific Drilling
10/31/2010	1,324.00	28.73	133.34	IncAzi-MWD	Scientific Drilling
10/31/2010	1,387.00	28.55	133.94	IncAzi-MWD	Scientific Drilling
10/31/2010	1,449.00	28.79	133.32	IncAzi-MWD	Scientific Drilling
10/31/2010	1,513.00	28.37	134.50	IncAzi-MWD	Scientific Drilling
10/31/2010	1,576.00	27.97	134.08	IncAzi-MWD	Scientific Drilling
10/31/2010	1,639.00	27.56	133.40	IncAzi-MWD	Scientific Drilling
10/31/2010	1,702.00	27.52	133.53	IncAzi-MWD	Scientific Drilling
10/31/2010	1,765.00	27.27	134.04	IncAzi-MWD	Scientific Drilling
10/31/2010	1,828.00	27.77	134.15	IncAzi-MWD	Scientific Drilling

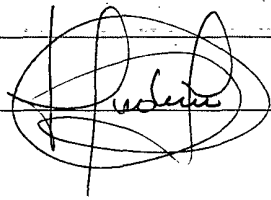
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 051.3

10/31/2010	1,891.00	27.81	133.09	IncAzi-MWD	Scientific Drilling
10/31/2010	1,954.00	27.87	133.76	IncAzi-MWD	Scientific Drilling
10/31/2010	2,017.00	27.75	134.90	IncAzi-MWD	Scientific Drilling
10/31/2010	2,080.00	28.09	134.87	IncAzi-MWD	Scientific Drilling
10/31/2010	2,144.00	28.86	133.56	IncAzi-MWD	Scientific Drilling
10/31/2010	2,207.00	28.21	133.51	IncAzi-MWD	Scientific Drilling
10/31/2010	2,270.00	27.62	133.53	IncAzi-MWD	Scientific Drilling
10/31/2010	2,333.00	27.42	132.91	IncAzi-MWD	Scientific Drilling
10/31/2010	2,396.00	27.18	132.41	IncAzi-MWD	Scientific Drilling
10/31/2010	2,459.00	27.08	131.35	IncAzi-MWD	Scientific Drilling
10/31/2010	2,523.00	26.41	130.73	IncAzi-MWD	Scientific Drilling
11/01/2010	2,586.00	26.48	129.47	IncAzi-MWD	Scientific Drilling
11/01/2010	2,649.00	25.67	129.39	IncAzi-MWD	Scientific Drilling
11/01/2010	2,712.00	24.20	129.39	IncAzi-MWD	Scientific Drilling
11/01/2010	2,775.00	23.60	128.62	IncAzi-MWD	Scientific Drilling
11/01/2010	2,839.00	22.20	129.49	IncAzi-MWD	Scientific Drilling
11/01/2010	2,902.00	20.94	135.83	IncAzi-MWD	Scientific Drilling
11/01/2010	2,997.00	18.07	146.76	IncAzi-MWD	Scientific Drilling
11/01/2010	3,061.00	15.82	143.69	IncAzi-MWD	Scientific Drilling
11/01/2010	3,124.00	13.39	141.97	IncAzi-MWD	Scientific Drilling
11/01/2010	3,187.00	11.67	138.39	IncAzi-MWD	Scientific Drilling
11/01/2010	3,250.00	11.33	136.07	IncAzi-MWD	Scientific Drilling
11/01/2010	3,313.00	9.68	133.26	IncAzi-MWD	Scientific Drilling
11/01/2010	3,376.00	8.04	134.67	IncAzi-MWD	Scientific Drilling
11/01/2010	3,439.00	6.57	137.02	IncAzi-MWD	Scientific Drilling
11/01/2010	3,502.00	6.44	134.20	IncAzi-MWD	Scientific Drilling
11/01/2010	3,566.00	2.64	143.64	IncAzi-MWD	Scientific Drilling
11/01/2010	3,629.00	1.43	152.59	IncAzi-MWD	Scientific Drilling
11/02/2010	3,692.00	.38	168.18	IncAzi-MWD	Scientific Drilling
11/02/2010	3,756.00	1.64	320.93	IncAzi-MWD	Scientific Drilling
11/02/2010	3,819.00	2.40	324.26	IncAzi-MWD	Scientific Drilling
11/02/2010	3,882.00	3.10	314.15	IncAzi-MWD	Scientific Drilling
11/02/2010	3,946.00	2.48	314.85	IncAzi-MWD	Scientific Drilling
11/02/2010	4,010.00	2.59	310.11	IncAzi-MWD	Scientific Drilling
11/02/2010	4,073.00	2.80	308.94	IncAzi-MWD	Scientific Drilling
11/02/2010	4,136.00	2.65	305.42	IncAzi-MWD	Scientific Drilling
11/02/2010	4,187.00	2.51	301.15	IncAzi-MWD	Scientific Drilling

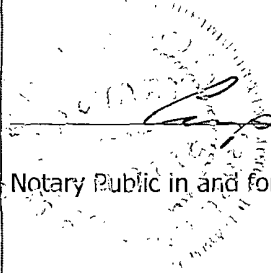
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
FINAL BH SURVEY	12/01/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
12/01/2010	8,454.00	1.25	.00	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.



Subscribed and sworn to me this December 22, 2010

 Capital L. Tapya

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2014

RCVD DEC 22 '10

DL CENS. DIV.

DIS. 3

ConocoPhillips

SJB (NM Central)
SEC 35-T30N-R7W
SJ 30-6 #100B
API# 3003930835
Original Hole

Survey: Actual

Standard Survey Report

14 November, 2010

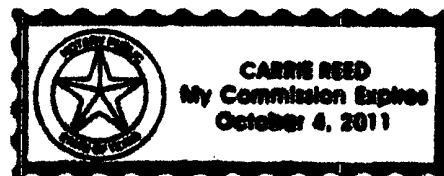
This survey is correct to the best of my knowledge and is supported by actual field data.

Richard

Notorized this date 14th of November, 2010.

Carrie Reed

Notary Signature
County of Midland
State of Texas

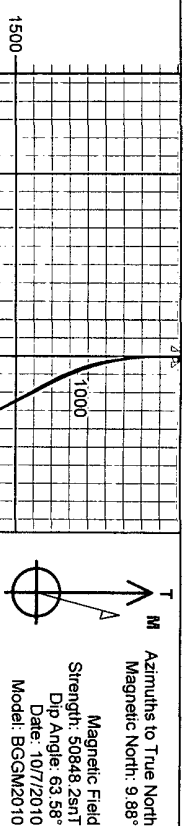




Scientific Drilling
Directional Drilling Operations

Project: SJ-B (NM Central)
Site: SEC 35-T30N-R7W
Well: SJ 30-6 #100B
Wellbore: Original Hole
Design: Plan #1

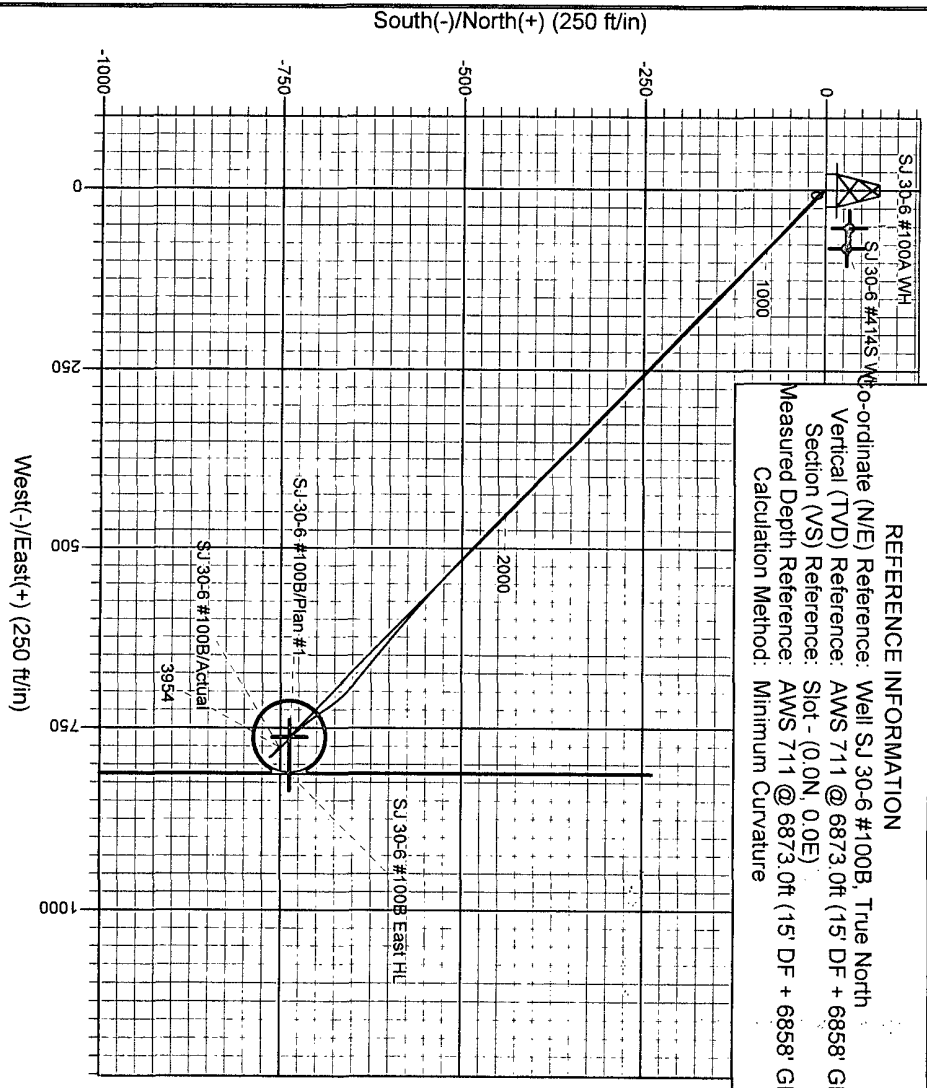
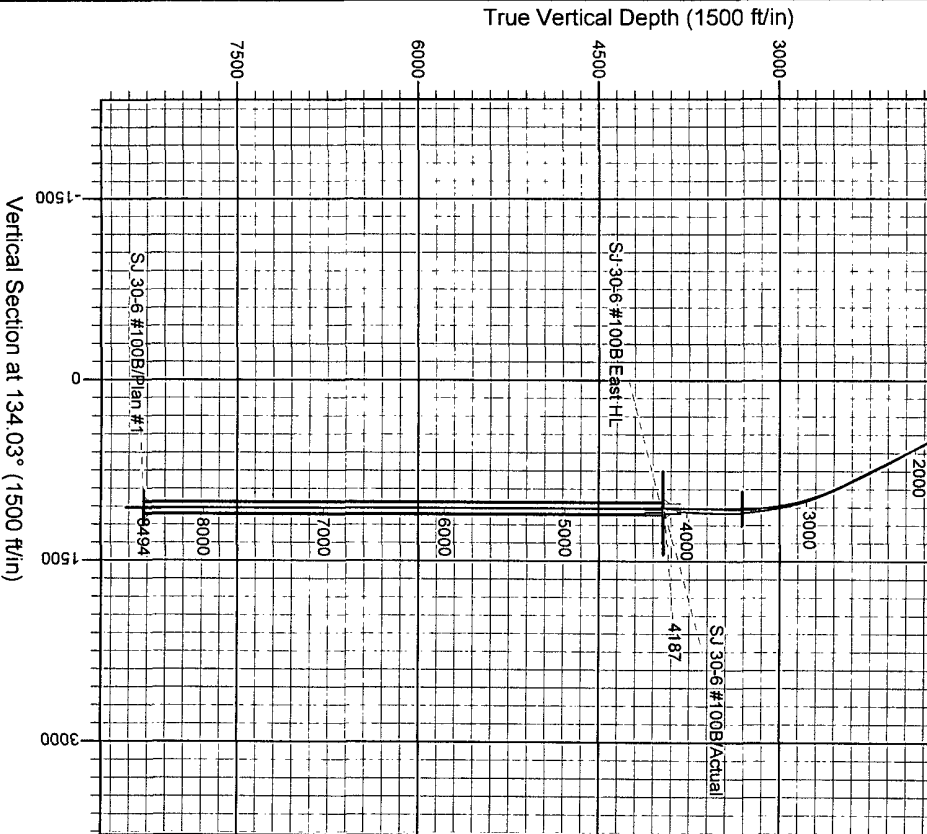
ConocoPhillips



+N/-S	+E/-W	Northing
0.0	0.0	2102737.44

WELL DETAILS: SJ 30-6 #100B			
AWS 711 @ 6873.0ft (15' DF + 6858' GL)			
Ground Level:		6858.0	
Easting	Latitude	Longitude	Slot
120787.15	36° 46' 18.624 N	107° 32' 41.058 W	

REFERENCE INFORMATION
Co-ordinate (N/E) Reference: Well SJ 30-6 #100B, True North
Vertical (TVD) Reference: AWS 711 @ 6873.0ft (15' DF + 6858' GL)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: AWS 711 @ 6873.0ft (15' DF + 6858' GL)
Calculation Method: Minimum Curvature



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: SJ-B (NM Central)
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico Central 3002
System Datum: Mean Sea Level

SITE DETAILS: SEC 35-T30N-R7W
Rio Arriba County NM
Site Centre Latitude: 36° 46' 15.816 N
Longitude: 107° 32' 2.100 W
Positional Uncertainty: 0.0
Convergence: -0.77
Local North: True

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #100B
Project:	SJB (NM Central)	TVD Reference:	AWS 711 @ 6873.0ft (15' DF + 6858' GL)
Site:	SEC 35-T30N-R7W	MD Reference:	AWS 711 @ 6873.0ft (15' DF + 6858' GL)
Well:	SJ 30-6 #100B	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	edmCOP

Project	SJB (NM Central), 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 Central 3002		Using geodetic scale factor

Site	SEC 35-T30N-R7W				
Site Position:		Northing:	2,102,410.77 ft	Latitude:	36° 46' 15.816 N
From:	Lat/Long	Easting:	123,953.02 ft	Longitude:	107° 32' 2.100 W
Position Uncertainty:	0.0 ft	Slot Radius:	6-1/8"	Grid Convergence:	-0.77 °

Well	SJ 30-6 #100B, S-Type MV/DK Well					
Well Position	+N/-S	0.0 ft	Northing:	2,102,737.44 ft	Latitude:	36° 46' 18.624 N
	+E/-W	0.0 ft	Easting:	120,787.15 ft	Longitude:	107° 32' 41.058 W
Position Uncertainty		3.5 ft	Wellhead Elevation:	ft	Ground Level:	6,858.0 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2010	10/7/2010	9.88	63.58	50,848

Design	Original Hole				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(ft)	(ft)	(ft)	(°)	
	0.0	0.0	0.0	134.07	

Survey Program	Date 11/14/2010				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
276.0	4,187.0	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	
276.0	0.74	163.16	276.0	-1.7	0.5	1.6	0.27	0.27	0.00	
338.0	0.91	152.39	338.0	-2.5	0.9	2.4	0.37	0.27	-17.37	
400.0	1.97	153.15	400.0	-3.9	1.6	3.8	1.71	1.71	1.23	
461.0	3.33	142.03	460.9	-6.2	3.1	6.6	2.37	2.23	-18.23	
523.0	4.70	140.00	522.7	-9.6	5.9	10.9	2.22	2.21	-3.27	
584.0	6.28	132.67	583.5	-13.8	9.9	16.7	2.83	2.59	-12.02	
646.0	7.96	132.27	645.0	-19.0	15.6	24.4	2.71	2.71	-0.65	
708.0	9.74	132.47	706.2	-25.4	22.7	33.9	2.87	2.87	0.32	
770.0	11.84	133.39	767.1	-33.3	31.1	45.5	3.40	3.39	1.48	
832.0	14.14	133.08	827.6	-42.9	41.3	59.5	3.71	3.71	-0.50	
894.0	16.30	133.67	887.4	-54.0	53.1	75.8	3.49	3.48	0.95	
955.0	18.54	133.13	945.6	-66.6	66.4	94.0	3.68	3.67	-0.89	

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #100B
Project:	SJB (NM Central)	TVD Reference:	AWS 711 @ 6873.0ft (15' DF + 6858' GL)
Site:	SEC 35-T30N-R7W	MD Reference:	AWS 711 @ 6873.0ft (15' DF + 6858' GL)
Well:	SJ 30-6 #100B	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)	
1,017.0	21.06	134.46	1,003.9	-81.1	81.5	115.0	4.13	4.06	2.15	
1,078.0	23.12	134.39	1,060.4	-97.2	97.9	137.9	3.38	3.38	-0.11	
1,140.0	25.44	135.43	1,116.9	-115.2	116.0	163.4	3.80	3.74	1.68	
1,201.0	27.46	134.82	1,171.5	-134.4	135.1	190.6	3.34	3.31	-1.00	
1,263.0	28.06	133.80	1,226.4	-154.6	155.8	219.5	1.23	0.97	-1.65	
1,324.0	28.73	133.34	1,280.1	-174.6	176.8	248.5	1.16	1.10	-0.75	
1,387.0	28.55	133.94	1,335.4	-195.4	198.7	278.7	0.54	-0.29	0.95	
1,449.0	28.79	133.32	1,389.8	-216.0	220.2	308.4	0.62	0.39	-1.00	
1,513.0	28.37	134.50	1,446.0	-237.2	242.3	339.0	1.10	-0.66	1.84	
1,576.0	27.97	134.08	1,501.5	-258.0	263.6	368.8	0.71	-0.63	-0.67	
1,639.0	27.56	133.40	1,557.2	-278.2	284.8	398.1	0.82	-0.65	-1.08	
1,702.0	27.52	133.53	1,613.1	-298.3	305.9	427.3	0.11	-0.06	0.21	
1,765.0	27.27	134.04	1,669.0	-318.3	326.8	456.2	0.54	-0.40	0.81	
1,828.0	27.77	134.15	1,724.9	-338.6	347.7	485.4	0.80	0.79	0.17	
1,891.0	27.81	133.09	1,780.7	-358.9	369.0	514.7	0.79	0.06	-1.68	
1,954.0	27.87	133.76	1,836.4	-379.1	390.4	544.1	0.51	0.10	1.06	
2,017.0	27.75	134.90	1,892.1	-399.6	411.4	573.5	0.87	-0.19	1.81	
2,080.0	28.09	134.87	1,947.8	-420.4	432.3	603.0	0.54	0.54	-0.05	
2,144.0	28.86	133.56	2,004.0	-441.7	454.2	633.5	1.55	1.20	-2.05	
2,207.0	28.21	133.51	2,059.4	-462.4	476.0	663.6	1.03	-1.03	-0.08	
2,270.0	27.62	133.53	2,115.0	-482.8	497.4	693.1	0.94	-0.94	0.03	
2,333.0	27.42	132.91	2,170.9	-502.7	518.6	722.2	0.55	-0.32	-0.98	
2,396.0	27.18	132.41	2,226.9	-522.3	539.8	751.1	0.53	-0.38	-0.79	
2,459.0	27.08	131.35	2,282.9	-541.4	561.2	779.8	0.78	-0.16	-1.68	
2,523.0	26.41	130.73	2,340.1	-560.4	582.9	808.6	1.13	-1.05	-0.97	
2,586.0	26.48	129.47	2,396.5	-578.4	604.4	836.6	0.90	0.11	-2.00	
2,649.0	25.67	129.39	2,453.1	-596.0	625.8	864.2	1.29	-1.29	-0.13	
2,712.0	24.20	129.39	2,510.2	-612.9	646.3	890.6	2.33	-2.33	0.00	
2,775.0	23.60	128.62	2,567.8	-628.9	666.1	916.1	1.07	-0.95	-1.22	
2,839.0	22.20	129.49	2,626.8	-644.6	685.5	940.9	2.25	-2.19	1.36	
2,902.0	20.94	135.83	2,685.4	-660.3	702.5	964.0	4.20	-2.00	10.06	
2,997.0	18.07	146.76	2,774.9	-684.8	722.4	995.4	4.88	-3.02	11.51	
3,061.0	15.82	143.69	2,836.2	-700.1	733.0	1,013.6	3.78	-3.52	-4.80	
3,124.0	13.39	141.97	2,897.1	-712.8	742.6	1,029.3	3.92	-3.86	-2.73	
3,187.0	11.67	138.39	2,958.6	-723.3	751.3	1,042.9	2.99	-2.73	-5.68	
3,250.0	11.33	136.07	3,020.4	-732.5	759.9	1,055.5	0.91	-0.54	-3.68	
3,313.0	9.68	133.26	3,082.3	-740.6	768.0	1,066.9	2.74	-2.62	-4.46	
3,376.0	8.04	134.67	3,144.5	-747.3	775.0	1,076.6	2.63	-2.60	2.24	
3,439.0	6.57	137.02	3,207.0	-753.1	780.6	1,084.6	2.38	-2.33	3.73	
3,502.0	6.44	134.20	3,269.6	-758.2	785.6	1,091.8	0.55	-0.21	-4.48	
3,566.0	2.64	143.64	3,333.4	-761.9	789.0	1,096.8	6.03	-5.94	14.75	
3,629.0	1.43	152.59	3,396.4	-763.7	790.3	1,099.0	1.98	-1.92	14.21	
3,692.0	0.38	168.18	3,459.4	-764.6	790.7	1,099.9	1.70	-1.67	24.75	
3,756.0	1.64	320.93	3,523.4	-764.1	790.1	1,099.2	3.10	1.97	238.67	
3,819.0	2.40	324.26	3,586.3	-762.4	788.8	1,097.0	1.22	1.21	5.29	
3,882.0	3.10	314.15	3,649.2	-760.1	786.8	1,094.0	1.35	1.11	-16.05	
3,946.0	2.48	314.85	3,713.2	-757.9	784.6	1,090.9	0.97	-0.97	1.09	
4,010.0	2.59	310.11	3,777.1	-756.0	782.5	1,088.0	0.37	0.17	-7.41	
4,073.0	2.80	308.94	3,840.0	-754.1	780.2	1,085.1	0.34	0.33	-1.86	
4,136.0	2.65	305.42	3,903.0	-752.3	777.8	1,082.1	0.36	-0.24	-5.59	
4,187.0	2.51	302.24	3,953.9	-751.0	775.9	1,079.9	0.39	-0.27	-6.24	