RCVD AUG 16 '11
OIL CONS. DIV.
DIST. 3

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

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

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

DISTRICT IV
1220 South 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

☐ AMENDED REPORT

"AS DRILLED PLAT"

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-039-30625	71599 / 72319	BASIN DAKOTA/BLANCO MESAVERDE

4 Property Code	5 Property Name	6 Well Number
7469	SAN JUAN 30-6 UNIT	1M

7 OGRID No.	8 Operator Name	9 Elevation
14538	BURLINGTON RESOURCES OIL & GAS COMPANY LP	6268

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
D	10	30-N	6-W		875	NORTH	705	WEST	RIO ARRIBA

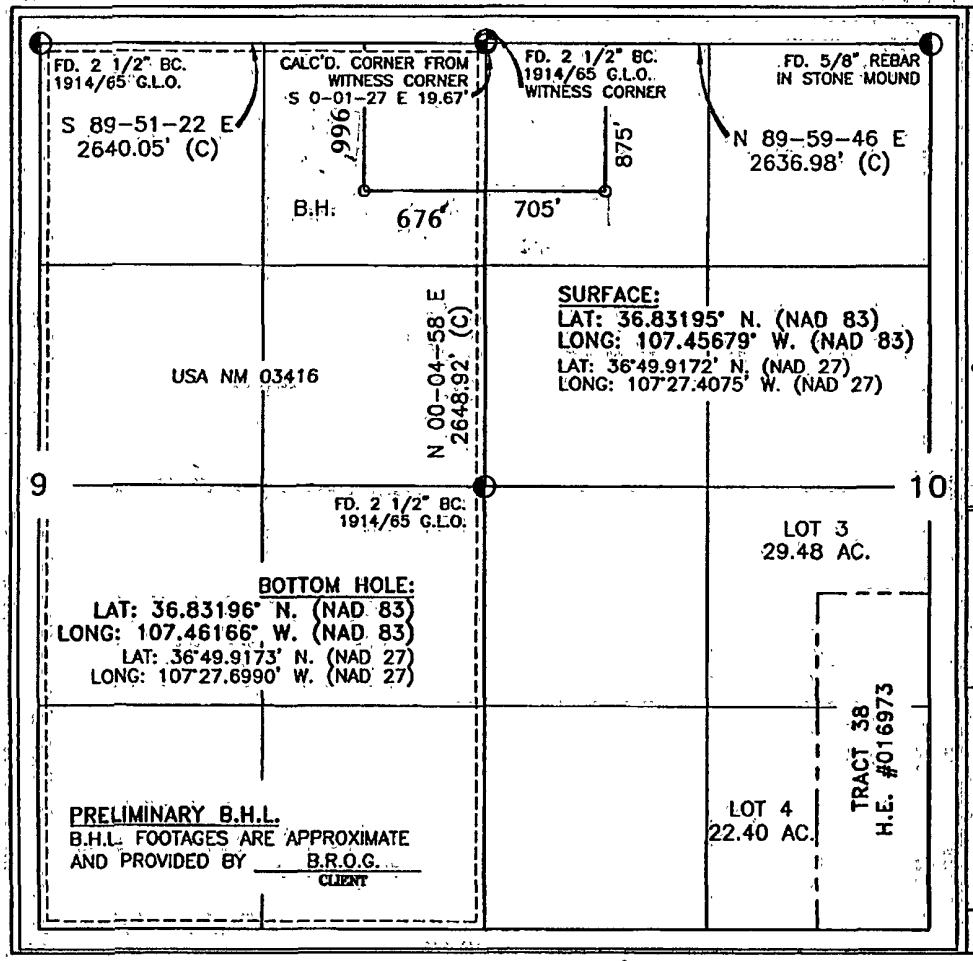
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	9	30-N	6-W		966	NORTH	676	EAST	RIO ARRIBA

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
320 E/2 SEC. 9			

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 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.

Signature — Date: 7-25-11

DENISE JOURNEY
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.

FEBRUARY 20, 2008
Date of Survey

Signature and Seal of Professional Surveyor:

ROY A. RUSH — NEW MEXICO — REGISTERED PROFESSIONAL LAND SURVEYOR — 8894

Certificate Number

Scientific Drilling
Directional Drilling Operations

ConocoPhillips

SJB (NM Central)
SEC 10-T30N-R6W
SJ 30-6 #1M

Original Hole

Design: Original Hole

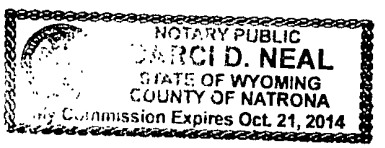
Standard Survey Report

18 July, 2011

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

Notarized this date 18th of July, 2011.

Notary Signature
County of Natrona
State of Wyoming

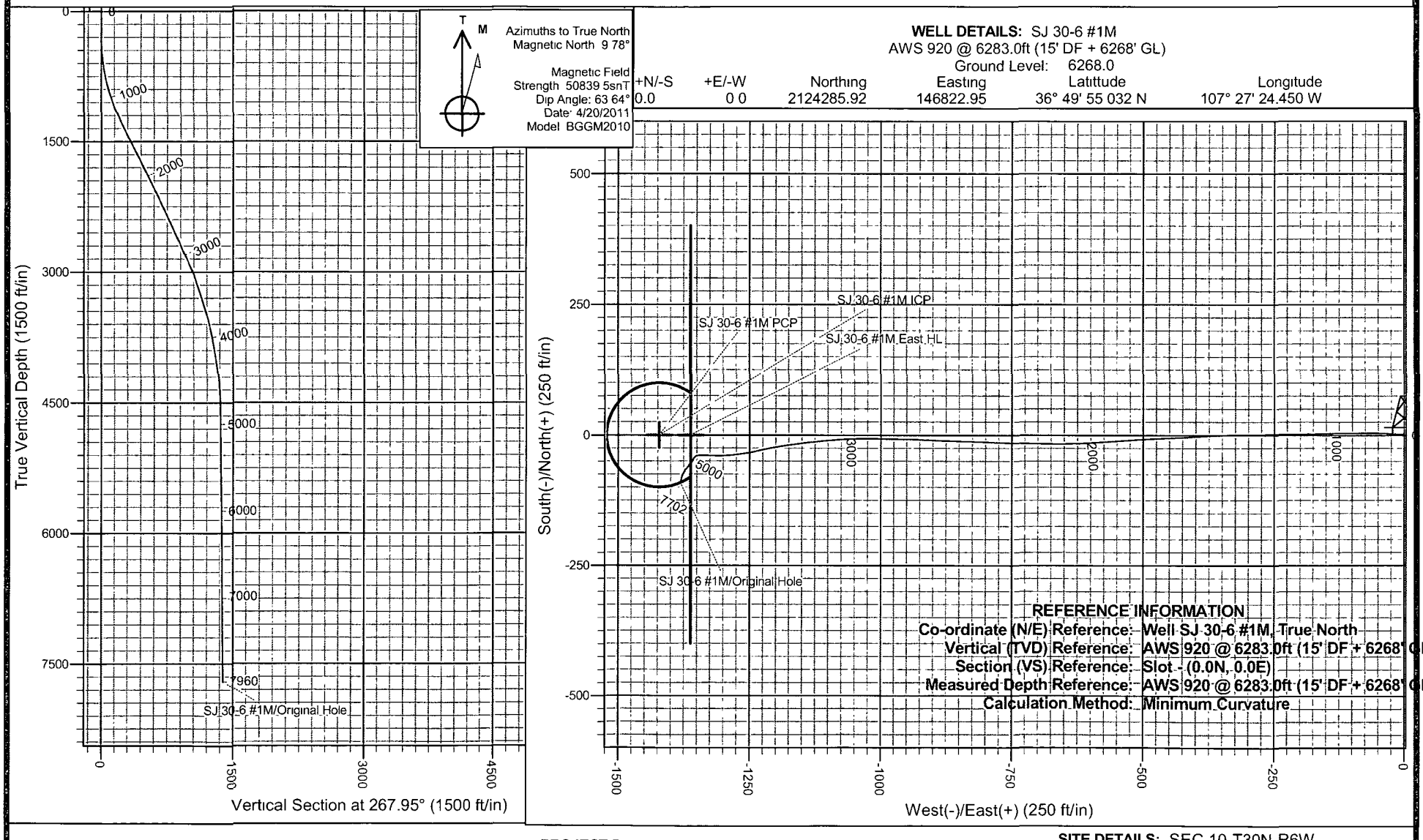


ConocoPhillips

Scientific Drilling
Directional Drilling Operations

Project. SJB (NM Central)
Site: SEC 10-T30N-R6W
Well: SJ 30-6 #1M
Wellbore: Original Hole
Design: Original Hole

ConocoPhillips



WELL DETAILS: SJ 30-6 #1M
AWS 920 @ 6283.0ft (15' DF + 6268' GL)
Ground Level: 6268.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0 0	2124285.92	146822.95	36° 49' 55 032 N	107° 27' 24.450 W

REFERENCE INFORMATION
Co-ordinate (N/E) Reference: Well SJ 30-6 #1M, True North
Vertical (TVD) Reference: AWS 920 @ 6283.0ft (15' DF + 6268' GL
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: AWS 920 @ 6283.0ft (15' DF + 6268' 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: SJB (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 10-T30N-R6W
Rio
Site Centre Latitude: 36° 49' 55 032 N
Longitude. 107° 27' 24.450 W
Positional Uncertainity: 7.5
Convergence: -0.72
Local North: True

Company:	ConocoPhillips	**Local Co-ordinate Reference:**	Well SJ 30-6 #1M
Project:	SJB (NM Central)	**TVD Reference:**	AWS 920 @ 6283.0ft (15' DF + 6268' GL)
Site:	SEC 10-T30N-R6W	**MD Reference:**	AWS 920 @ 6283.0ft (15' DF + 6268' GL)
Well:	SJ 30-6 #1M	**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 10-T30N-R6W

Site Position:		**Northing:**	2,124,285 92 ft	**Latitude:**	36° 49' 55.032 N
From:	Lat/Long	**Easting:**	146,822 95 ft	**Longitude:**	107° 27' 24.450 W
Position Uncertainty:	15 0 ft	**Slot Radius:**	6-1/8"	**Grid Convergence:**	-0.72 °

Well SJ 30-6 #1M, S-Type MV/DK Well

Well Position	**+N/-S**	0.0 ft	**Northing:**	2,124,285.92 ft	**Latitude:**	36° 49' 55.032 N
	+E/-W	0 0 ft	**Easting:**	146,822.95 ft	**Longitude:**	107° 27' 24 450 W
Position Uncertainty		3.5 ft	**Wellhead Elevation:**	ft	**Ground Level:**	6,268 0 ft

Wellbore Original Hole

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2010	4/20/2011	9 78	63.64	50,839

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	267.95

Survey Program **Date** 7/18/2011

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
30 0	7,960 0	Survey #2 (Original Hole)	Standard Keeper	Standard Wireline Keeper ver 1 0 2

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
30 0	0 05	350.78	30.0	0.0	0.0	0 0	0 17	0.17	0.00
First SDI Gyro Survey									
60.0	0.11	350.78	60.0	0.1	0.0	0 0	0.20	0.20	0.00
90.0	0.16	350.78	90 0	0 1	0.0	0 0	0.17	0.17	0.00
120.0	0.21	350.78	120.0	0.2	0.0	0.0	0.17	0.17	0 00
150.0	0.27	349.48	150 0	0 3	-0.1	0.0	0.20	0.20	-4 33
180.0	0.39	346.53	180.0	0 5	-0 1	0 1	0 40	0.40	-9.83
210.0	0.41	348 63	210 0	0 7	-0.1	0 1	0 08	0 07	7.00
240.0	0 50	345.84	240 0	0.9	-0.2	0 2	0 31	0 30	-9.30
270.0	0.48	345 93	270.0	1.2	-0.3	0 2	0.07	-0.07	0 30
300.0	0.49	339 71	300.0	1 4	-0 3	0 3	0.18	0 03	-20 73
330 0	0 59	326.56	330.0	1.7	-0 5	0.4	0 53	0 33	-43 83

Company:	ConocoPhillips	**Local Co-ordinate Reference:**	Well SJ 30-6 #1M
Project:	SJB (NM Central)	**TVD Reference:**	AWS 920 @ 6283 0ft (15' DF + 6268' GL)
Site:	SEC 10-T30N-R6W	**MD Reference:**	AWS 920 @ 6283.0ft (15' DF + 6268' GL)
Well:	SJ 30-6 #1M	**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)
360.0	1.10	295.66	360 0	1.9	-0.8	0 7	2.22	1.70	-103.00
390.0	1 93	274 48	390 0	2.1	-1 6	1.5	3 29	2.77	-70 60
420.0	2 67	267.24	420.0	2.1	-2 8	2.7	2.65	2.47	-24.13
450 0	3.60	267.06	449.9	2.0	-4 4	4 3	3.10	3 10	-0.60
480.0	4.59	268 36	479.8	1.9	-6 5	6 5	3.31	3.30	4.33
510.0	5.40	270 14	509.7	1 9	-9.2	9 1	2 75	2 70	5.93
540.0	6.26	272.73	539.6	2.0	-12.2	12 1	3 00	2.87	8 63
570.0	7.01	273.78	569.4	2 2	-15.7	15.6	2 53	2.50	3 50
600.0	7 86	273.94	599 1	2.5	-19.5	19.4	2.83	2.83	0.53
630.0	8.62	274.02	628 8	2.8	-23.8	23.7	2.53	2.53	0.27
660.0	9 50	274.05	658 4	3.1	-28.5	28.4	2.93	2 93	0.10
690.0	10.56	273 74	688 0	3.4	-33.8	33.6	3.54	3.53	-1.03
720.0	11.58	273.08	717.4	3.8	-39 5	39.3	3 43	3.40	-2.20
750.0	12.39	271 48	746.8	4 0	-45.7	45 6	2.92	2.70	-5.33
780 0	12.77	271.14	776.0	4 2	-52.3	52.1	1.29	1.27	-1.13
810.0	13 58	270.49	805.2	4.3	-59.1	58 9	2 74	2 70	-2 17
840.0	14 40	269.73	834.4	4 3	-66.3	66.2	2.80	2.73	-2.53
870.0	15 18	269 55	863.4	4 2	-74.0	73 8	2.60	2.60	-0 60
900.0	15.72	269.59	892.3	4 2	-82.0	81.8	1.80	1.80	0 13
930 0	16.52	269.53	921.1	4.1	-90.3	90 1	2.67	2.67	-0.20
960 0	17 16	269.61	949.8	4.1	-99.0	98 8	2.13	2.13	0 27
990 0	17.77	269.89	978.4	4.0	-108.0	107.8	2 05	2.03	0 93
1,020 0	18.61	269.70	1,006 9	4.0	-117.4	117.2	2.81	2 80	-0.63
1,050 0	19.66	268 84	1,035.3	3.9	-127 2	127.0	3.62	3.50	-2.87
1,080.0	20.22	268 60	1,063.5	3.6	-137.4	137.2	1 89	1.87	-0 80
1,110.0	20.58	268.40	1,091 6	3.3	-147 9	147 7	1.22	1.20	-0.67
1,140.0	21.13	268.30	1,119.6	3.0	-158 6	158 4	1.84	1.83	-0 33
1,170.0	21 57	268 50	1,147.6	2.7	-169 5	169 3	1.49	1.47	0 67
1,200.0	22 28	268 88	1,175 4	2 5	-180.7	180.5	2.41	2.37	1 27
1,230 0	22.90	268.95	1,203.1	2 3	-192.2	192.0	2.07	2.07	0.23
1,260.0	23.86	269.37	1,230 6	2 1	-204.1	203.9	3.25	3.20	1 40
1,290.0	24.75	269.59	1,258 0	2 0	-216.5	216.3	2 98	2.97	0 73
1,320.0	25.39	269.70	1,285 1	1.9	-229 2	229 0	2.14	2 13	0.37
1,350.0	25 76	269 63	1,312 2	1.8	-242.1	241.9	1.24	1.23	-0.23
1,380.0	26.01	269.61	1,339 2	1 7	-255.2	255.0	0.83	0 83	-0 07
1,410.0	26.35	269.51	1,366 1	1.6	-268 5	268.2	1.14	1.13	-0.33
1,440.0	26.62	269.39	1,393 0	1.5	-281 8	281 6	0.92	0.90	-0 40
1,470.0	26.74	269 21	1,419 8	1.3	-295 3	295.1	0.48	0.40	-0.60
1,500.0	26.83	269 21	1,446.6	1.2	-308.8	308.6	0 30	0.30	0 00
1,530.0	26 83	268 94	1,473 3	0.9	-322.4	322.1	0.41	0.00	-0.90
1,560 0	26 86	268.46	1,500.1	0.6	-335 9	335.7	0.73	0.10	-1.60
1,590.0	26.73	267 86	1,526.9	0.2	-349.4	349 2	1.00	-0.43	-2.00
1,620.0	26 50	267 30	1,553.7	-0 4	-362.9	362 6	1.13	-0.77	-1.87
1,650.0	26.54	266.79	1,580.5	-1.1	-376.2	376 0	0.77	0.13	-1.70
1,680.0	26 59	266.63	1,607.4	-1.8	-389.6	389 4	0.29	0 17	-0.53
1,710.0	26 66	266.60	1,634 2	-2.6	-403.0	402 9	0.24	0 23	-0 10
1,740.0	26.79	266.59	1,661.0	-3 4	-416 5	416.4	0.43	0.43	-0 03
1,770.0	26.75	266.84	1,687 8	-4.2	-430 0	429 9	0.40	-0.13	0.83
1,800.0	26.73	267.10	1,714.6	-4 9	-443 5	443.4	0.40	-0.07	0 87
1,830 0	26 60	267.35	1,741 4	-5 6	-456.9	456.8	0.57	-0.43	0.83
1,860 0	26 43	267 31	1,768 2	-6 2	-470.3	470.2	0.57	-0.57	-0.13
1,890 0	26.22	267.10	1,795.1	-6 8	-483 6	483.5	0.77	-0.70	-0.70
1,920.0	26 25	266.97	1,822.0	-7.5	-496.8	496.8	0.22	0.10	-0.43
1,950.0	26 24	266 43	1,848.9	-8.3	-510.1	510.1	0.80	-0.03	-1.80

Company:	ConocoPhillips	**Local Co-ordinate Reference:**	Well SJ 30-6 #1M
Project:	SJB (NM Central)	**TVD Reference:**	AWS 920 @ 6283 0ft (15' DF + 6268' GL)
Site:	SEC 10-T30N-R6W	**MD Reference:**	AWS 920 @ 6283 0ft (15' DF + 6268' GL)
Well:	SJ 30-6 #1M	**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)
1,980 0	26.32	266.27	1,875 8	-9 1	-523.3	523 3	0 36	0.27	-0.53
2,010 0	26.33	266.22	1,902 7	-10.0	-536.6	536 6	0.08	0.03	-0.17
2,040 0	26 20	265.88	1,929 6	-10 9	-549.9	549 9	0 66	-0.43	-1.13
2,070 0	26.08	265.91	1,956 5	-11.9	-563.0	563.1	0.40	-0.40	0.10
2,100.0	25.88	265.92	1,983.5	-12 8	-576.2	576.2	0.67	-0 67	0 03
2,130 0	25.93	265.75	2,010 5	-13 8	-589.2	589.3	0 30	0 17	-0.57
2,160 0	25.71	266.98	2,037 5	-14.6	-602.3	602 4	1 93	-0 73	4 10
2,190 0	25.61	267.71	2,064 5	-15.2	-615.2	615 4	1.11	-0 33	2.43
2,220 0	25.57	267.92	2,091.6	-15.7	-628.2	628.3	0 33	-0.13	0 70
2,250 0	25.41	268.63	2,118 7	-16 1	-641.1	641 3	1 15	-0 53	2.37
2,280 0	25.05	270.09	2,145 8	-16 2	-653.9	654.0	2 40	-1.20	4.87
2,310 0	24.87	270.24	2,173 0	-16.2	-666.5	666 7	0 64	-0.60	0.50
2,340 0	24.78	270.62	2,200 2	-16.1	-679.1	679.3	0 61	-0.30	1 27
2,370.0	24.54	271.25	2,227 5	-15.9	-691.6	691 8	1.19	-0 80	2 10
2,400.0	24.04	271.40	2,254 9	-15.6	-704.0	704 1	1.68	-1.67	0 50
2,430.0	23.91	271.36	2,282 3	-15.3	-716.2	716 3	0.44	-0 43	-0.13
2,460.0	23.95	271 10	2,309 7	-15.0	-728.3	728 4	0 38	0.13	-0.87
2,490 0	24.14	271.14	2,337.1	-14.8	-740.6	740 6	0 64	0.63	0.13
2,520.0	24.37	271 82	2,364 4	-14.5	-752.9	752.9	1 21	0.77	2.27
2,550.0	24.53	271.79	2,391.7	-14.1	-765 3	765 3	0 53	0.53	-0 10
2,580.0	24.67	271.91	2,419.0	-13.7	-777 8	777 8	0.50	0.47	0.40
2,610.0	24.67	272.07	2,446.3	-13.3	-790 3	790.3	0 22	0.00	0 53
2,640.0	24.57	272.15	2,473.6	-12.8	-802.8	802 7	0.35	-0.33	0.27
2,670 0	24.55	272.21	2,500.8	-12.3	-815.2	815.2	0.11	-0.07	0.20
2,700.0	24.60	272 20	2,528.1	-11.8	-827.7	827.6	0 17	0.17	-0 03
2,730.0	24.59	271.91	2,555 4	-11.4	-840.2	840 1	0.40	-0.03	-0.97
2,760.0	24.59	271 77	2,582.7	-11.0	-852.7	852 5	0.19	0 00	-0 47
2,790.0	24.62	271 82	2,610.0	-10.6	-865 1	865 0	0.12	0 10	0.17
2,820.0	24 85	271 91	2,637.2	-10.2	-877 7	877.5	0.78	0.77	0.30
2,850 0	24 99	272 16	2,664 4	-9 7	-890.3	890 1	0.58	0.47	0.83
2,880.0	25.09	272 39	2,691.6	-9.2	-903 0	902 8	0.47	0.33	0.77
2,910.0	25.13	272 48	2,718.8	-8.7	-915 7	915.5	0.18	0.13	0.30
2,940 0	24 89	272 00	2,745.9	-8.2	-928 4	928 1	1.05	-0.80	-1.60
2,970 0	24.72	271.62	2,773 2	-7 8	-941.0	940.7	0.78	-0.57	-1.27
3,000 0	24 68	271.27	2,800 4	-7 5	-953.5	953 2	0.51	-0 13	-1 17
3,030.0	24.37	270.91	2,827 7	-7 2	-966 0	965.6	1 15	-1.03	-1.20
3,060.0	24 33	271.01	2,855 1	-7 0	-978.3	978 0	0 19	-0 13	0.33
3,090.0	24 28	271.06	2,882.4	-6 8	-990.7	990 3	0.18	-0 17	0.17
3,120.0	24 26	271 26	2,909 7	-6 6	-1,003.0	1,002.6	0 28	-0.07	0 67
3,150.0	23.61	270.93	2,937 2	-6 3	-1,015.2	1,014.8	2.21	-2.17	-1 10
3,180.0	22.67	270.22	2,964 8	-6.2	-1,027.0	1,026.5	3.27	-3.13	-2 37
3,210.0	21.68	269.24	2,992.5	-6.3	-1,038.3	1,037.8	3.52	-3.30	-3.27
3,240 0	20.86	268.68	3,020 5	-6.5	-1,049.2	1,048.7	2.82	-2.73	-1.87
3,270 0	19.85	267.89	3,048 6	-6 8	-1,059.6	1,059.2	3.49	-3.37	-2.63
3,300 0	18.38	266.45	3,077 0	-7.3	-1,069.4	1,069.0	5.15	-4.90	-4.80
3,330.0	17.83	265.17	3,105.5	-7 9	-1,078.7	1,078.3	2.26	-1.83	-4 27
3,360 0	18.00	265.21	3,134 0	-8.7	-1,087.9	1,087.5	0.57	0.57	0.13
3,390 0	18.19	265.20	3,162 5	-9.5	-1,097.2	1,096.8	0.63	0 63	-0.03
3,420.0	17.68	264.39	3,191 1	-10.3	-1,106.4	1,106.0	1 89	-1.70	-2.70
3,450 0	17.90	264.20	3,219 6	-11.2	-1,115.5	1,115.2	0 76	0.73	-0.63
3,480.0	17.96	263.95	3,248.2	-12.2	-1,124.7	1,124.4	0 33	0.20	-0.83
3,510.0	18.07	263.61	3,276.7	-13.2	-1,133.9	1,133.7	0.51	0.37	-1 13
3,540.0	18.06	263 43	3,305.2	-14.2	-1,143.2	1,142.9	0.19	-0.03	-0.60
3,570.0	17.91	262.17	3,333.8	-15.4	-1,152 3	1,152 2	1.39	-0.50	-4.20

Company:	ConocoPhillips	**Local Co-ordinate Reference:**	Well SJ 30-6 #1M
Project:	SJB (NM Central)	**TVD Reference:**	AWS 920 @ 6283.0ft (15' DF + 6268' GL)
Site:	SEC 10-T30N-R6W	**MD Reference:**	AWS 920 @ 6283.0ft (15' DF + 6268' GL)
Well:	SJ 30-6 #1M	**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)
3,600.0	17 80	261.97	3,362.3	-16.7	-1,161.5	1,161.3	0.42	-0 37	-0.67
3,630.0	17 80	261.84	3,390.9	-18.0	-1,170.5	1,170.4	0.13	0.00	-0.43
3,660.0	17.46	261.06	3,419 5	-19.3	-1,179 5	1,179 5	1.38	-1.13	-2.60
3,690.0	17.17	260.72	3,448.1	-20 7	-1,188.3	1,188 3	1.02	-0.97	-1.13
3,720.0	16.58	260.51	3,476 8	-22 1	-1,196.9	1,197.0	1.98	-1 97	-0.70
3,750 0	15.85	259.61	3,505 6	-23.6	-1,205.2	1,205 3	2 57	-2.43	-3.00
3,780 0	15.24	258.73	3,534 5	-25 1	-1,213.1	1,213 2	2 18	-2 03	-2.93
3,810 0	14.36	258.22	3,563.5	-26 6	-1,220.6	1,220.8	2 97	-2 93	-1.70
3,840.0	13.55	257.13	3,592 7	-28 2	-1,227.7	1,227.9	2.84	-2.70	-3.63
3,870 0	13.00	257.27	3,621.9	-29.7	-1,234 4	1,234.6	1 84	-1.83	0 47
3,900 0	12.73	257.84	3,651 1	-31 1	-1,240 9	1,241.2	0 99	-0.90	1 90
3,930.0	12.30	258.32	3,680 4	-32 5	-1,247.3	1,247.6	1.47	-1.43	1.60
3,960.0	11.69	259.58	3,709 7	-33 7	-1,253.4	1,253.8	2 21	-2.03	4.20
3,990.0	11.22	260.75	3,739 1	-34.7	-1,259 2	1,259.7	1 75	-1.57	3.90
4,020.0	11.01	261.88	3,768 6	-35 6	-1,265.0	1,265.4	1 01	-0.70	3.77
4,050.0	10 89	262.65	3,798 0	-36 3	-1,270 6	1,271.1	0.63	-0.40	2.57
4,080 0	10.60	262 99	3,827.5	-37.0	-1,276 2	1,276.7	0.99	-0.97	1 13
4,110.0	10.21	263.98	3,857 0	-37.7	-1,281.5	1,282.1	1.43	-1.30	3.30
4,140 0	10.11	265.13	3,886 5	-38 2	-1,286 8	1,287.3	0.75	-0 33	3 83
4,170 0	9 80	266.22	3,916 1	-38.6	-1,292.0	1,292.5	1 21	-1.03	3.63
4,200.0	9 45	267.15	3,945.7	-38 8	-1,297.0	1,297.5	1.28	-1.17	3.10
4,230.0	8.88	267.86	3,975 3	-39.1	-1,301.8	1,302.3	1.94	-1.90	2 37
4,260.0	8.53	269.14	4,004 9	-39 2	-1,306.3	1,306.9	1.33	-1 17	4.27
4,290.0	8 49	270.76	4,034 6	-39.2	-1,310.7	1,311.3	0 81	-0 13	5 40
4,320.0	8 59	271.83	4,064.3	-39.1	-1,315.2	1,315.7	0.63	0.33	3.57
4,350.0	8.64	272.54	4,093 9	-38 9	-1,319.7	1,320.2	0 39	0 17	2.37
4,380.0	8 39	272.61	4,123 6	-38 7	-1,324.1	1,324.7	0.83	-0 83	0.23
4,410.0	7.53	271.86	4,153 3	-38.5	-1,328 3	1,328.8	2 89	-2 87	-2.50
4,440.0	6.30	271.78	4,183.1	-38 4	-1,331.9	1,332.4	4.10	-4 10	-0.27
4,470.0	5 42	271.46	4,212.9	-38.3	-1,334.9	1,335.5	2.94	-2 93	-1.07
4,500 0	4.79	270.74	4,242.8	-38.3	-1,337.6	1,338.1	2 11	-2.10	-2.40
4,530 0	4.37	269 57	4,272.7	-38.3	-1,340 0	1,340.5	1.43	-1.40	-3 90
4,560.0	4.03	268.23	4,302 6	-38 3	-1,342 2	1,342 7	1.18	-1.13	-4.47
4,590.0	3.50	267.38	4,332 6	-38.4	-1,344 2	1,344.7	1 78	-1 77	-2 83
4,620.0	3 02	265.25	4,362 5	-38.5	-1,345.9	1,346.4	1 65	-1 60	-7 10
4,650.0	2.59	263.12	4,392 5	-38 6	-1,347.3	1,347 9	1.47	-1.43	-7 10
4,680.0	2 15	259 86	4,422.5	-38 8	-1,348.6	1,349 1	1.53	-1 47	-10.87
4,710.0	1.74	255.22	4,452 4	-39.0	-1,349.6	1,350 1	1 46	-1.37	-15.47
4,740 0	1 54	252 58	4,482.4	-39 3	-1,350.4	1,350 9	0.71	-0.67	-8.80
4,770 0	1 35	248.03	4,512.4	-39 5	-1,351.1	1,351 6	0.74	-0.63	-15.17
4,800 0	1.26	240.75	4,542.4	-39 8	-1,351.7	1,352.3	0.63	-0.30	-24.27
4,830 0	1.22	240.41	4,572 4	-40 1	-1,352.3	1,352 8	0.14	-0.13	-1.13
4,860.0	1.19	238.18	4,602.4	-40.5	-1,352.8	1,353 4	0.19	-0.10	-7 43
4,890 0	1 03	231.95	4,632 4	-40.8	-1,353.3	1,353 9	0.67	-0.53	-20.77
4,920 0	0 95	223.88	4,662.4	-41 1	-1,353.7	1,354.3	0.54	-0 27	-26.90
4,950 0	0 97	222.83	4,692.4	-41.5	-1,354 0	1,354 6	0.09	0.07	-3.50
4,980 0	1 01	218 34	4,722.4	-41.9	-1,354.4	1,355.0	0.29	0.13	-14 97
5,010 0	1 36	212.63	4,752.4	-42.4	-1,354 7	1,355.4	1.23	1.17	-19 03
5,040.0	1 34	212.34	4,782.4	-43.0	-1,355.1	1,355.8	0.07	-0.07	-0.97
5,070.0	1.21	210.55	4,812 4	-43 6	-1,355.4	1,356.1	0 45	-0.43	-5.97
5,100 0	1 07	209.15	4,842 4	-44.1	-1,355.7	1,356.4	0.48	-0.47	-4.67
5,130.0	0.99	209.22	4,872 4	-44.6	-1,356.0	1,356.7	0 27	-0 27	0.23
5,160 0	0 99	208.94	4,902 4	-45 0	-1,356.3	1,357 0	0 02	0.00	-0.93
5,190 0	1.00	209.67	4,932 3	-45.5	-1,356.5	1,357 3	0.05	0.03	2.43

Company:	ConocoPhillips	**Local Co-ordinate Reference:**	Well SJ 30-6 #1M
Project:	SJB (NM Central)	**TVD Reference:**	AWS 920 @ 6283.0ft (15' DF + 6268' GL)
Site:	SEC 10-T30N-R6W	**MD Reference:**	AWS 920 @ 6283.0ft (15' DF + 6268' GL)
Well:	SJ 30-6 #1M	**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)
5,220.0	1.00	213 22	4,962 3	-45.9	-1,356.8	1,357.6	0.21	0.00	11.83
5,250.0	1.07	209.51	4,992 3	-46.4	-1,357.1	1,357 9	0.32	0.23	-12.37
5,280.0	1.08	206.74	5,022 3	-46 9	-1,357.3	1,358 1	0.18	0.03	-9.23
5,310.0	1.09	207.20	5,052 3	-47.4	-1,357.6	1,358 4	0.04	0.03	1.53
5,340.0	1.09	205 96	5,082.3	-47 9	-1,357.8	1,358 7	0.08	0.00	-4 13
5,370.0	1.14	206.98	5,112.3	-48.4	-1,358.1	1,359 0	0 18	0.17	3 40
5,400.0	1.07	207 42	5,142.3	-48.9	-1,358.4	1,359 2	0.24	-0 23	1 47
5,430.0	1.11	208.19	5,172 3	-49 4	-1,358 6	1,359.5	0.14	0.13	2.57
5,460.0	1.14	207.27	5,202 3	-50 0	-1,358.9	1,359.8	0 12	0 10	-3.07
5,490 0	1.23	212.21	5,232 3	-50 5	-1,359.2	1,360.2	0.45	0.30	16.47
5,520 0	1.31	213.23	5,262.3	-51 1	-1,359.6	1,360.5	0 28	0 27	3.40
5,550.0	1.32	214.34	5,292.3	-51 6	-1,360.0	1,360 9	0 09	0.03	3 70
5,580.0	1.44	215.50	5,322.3	-52 2	-1,360.4	1,361 4	0 41	0.40	3.87
5,610.0	1 42	224.28	5,352.3	-52.8	-1,360.9	1,361.9	0.73	-0 07	29.27
5,640.0	1.47	226.22	5,382.2	-53.3	-1,361 4	1,362.4	0.23	0.17	6.47
5,670.0	1 51	225 67	5,412.2	-53.9	-1,361 9	1,363.0	0.14	0.13	-1 83
5,700.0	1.41	222 95	5,442 2	-54.4	-1,362.5	1,363.6	0.41	-0 33	-9 07
5,730.0	1.40	222 59	5,472 2	-54.9	-1,363.0	1,364.1	0 04	-0 03	-1.20
5,760.0	1.35	221.65	5,502.2	-55 5	-1,363.5	1,364 6	0.18	-0.17	-3 13
5,790.0	1.28	222 69	5,532 2	-56.0	-1,363.9	1,365.1	0.25	-0.23	3.47
5,820 0	1.18	216.98	5,562.2	-56.5	-1,364.3	1,365 5	0.53	-0.33	-19.03
5,850 0	1.17	222.48	5,592.2	-57.0	-1,364.7	1,365.9	0 38	-0.03	18.33
5,880.0	1 13	218.69	5,622 2	-57.4	-1,365.1	1,366.3	0.29	-0.13	-12.63
5,910.0	1.03	217.05	5,652.2	-57.9	-1,365.5	1,366.7	0 35	-0.33	-5 47
5,940.0	1.11	212.33	5,682 2	-58 3	-1,365 8	1,367.0	0.40	0.27	-15.73
5,970.0	1.03	212.68	5,712 2	-58 8	-1,366.1	1,367.3	0.27	-0.27	1 17
6,000.0	0.99	212.23	5,742.2	-59 2	-1,366.4	1,367 6	0.14	-0 13	-1 50
6,030.0	1.01	214 12	5,772.2	-59.7	-1,366.7	1,367 9	0.13	0 07	6 30
6,060.0	1.07	212.80	5,802.2	-60.1	-1,367.0	1,368.2	0.22	0.20	-4.40
6,090.0	1.08	214 55	5,832 1	-60.6	-1,367.3	1,368.6	0.11	0.03	5.83
6,120 0	1 02	213.30	5,862 1	-61.1	-1,367 6	1,368.9	0.21	-0.20	-4.17
6,150.0	1.12	211.59	5,892 1	-61.5	-1,367.9	1,369.2	0.35	0 33	-5.70
6,180 0	1.06	210 22	5,922.1	-62 0	-1,368.2	1,369.5	0.22	-0 20	-4 57
6,210 0	0.91	210.97	5,952 1	-62.5	-1,368.4	1,369 8	0 50	-0.50	2 50
6,240 0	0.88	216.82	5,982 1	-62.9	-1,368.7	1,370 1	0 32	-0 10	19.50
6,270 0	0.91	217 63	6,012.1	-63.2	-1,369.0	1,370.4	0 11	0 10	2.70
6,300 0	0.93	229.39	6,042 1	-63.6	-1,369.3	1,370 7	0.63	0.07	39 20
6,330.0	0.86	229.16	6,072 1	-63 9	-1,369.7	1,371 1	0 23	-0.23	-0 77
6,360.0	0 78	234.12	6,102.1	-64.1	-1,370.0	1,371 4	0 36	-0 27	16 53
6,390 0	0.69	233.08	6,132 1	-64.4	-1,370 3	1,371 7	0 30	-0.30	-3.47
6,420 0	0.76	230.49	6,162.1	-64.6	-1,370.6	1,372 0	0.26	0.23	-8.63
6,450.0	0.55	242 01	6,192.1	-64.8	-1,370.9	1,372.3	0.82	-0.70	38.40
6,480.0	0.51	239 31	6,222.1	-64.9	-1,371.1	1,372.6	0 16	-0.13	-9.00
6,510.0	0 50	230.76	6,252.1	-65.1	-1,371.3	1,372.8	0 25	-0.03	-28.50
6,540.0	0 37	235.42	6,282.1	-65.2	-1,371.5	1,373.0	0.45	-0.43	15.53
6,570.0	0.40	246.86	6,312.1	-65.3	-1,371.7	1,373.2	0.27	0.10	38 13
6,600.0	0.42	241.07	6,342 1	-65.4	-1,371.9	1,373 4	0 15	0.07	-19 30
6,630 0	0.35	234.07	6,372 1	-65.5	-1,372.1	1,373.5	0 28	-0.23	-23.33
6,660.0	0.30	227.37	6,402 1	-65.6	-1,372.2	1,373 7	0.21	-0.17	-22 33
6,690.0	0.31	215.67	6,432 1	-65.8	-1,372.3	1,373 8	0.21	0.03	-39.00
6,720.0	0.32	211.64	6,462.1	-65.9	-1,372.4	1,373.9	0.08	0.03	-13.43
6,750.0	0.35	212.78	6,492.1	-66.0	-1,372.5	1,374.0	0 10	0 10	3.80
6,780.0	0.42	193 14	6,522.1	-66 2	-1,372.6	1,374.1	0.49	0 23	-65.47
6,810.0	0.38	207.60	6,552 1	-66 4	-1,372.6	1,374.1	0.36	-0.13	48 20

Company:	ConocoPhillips	**Local Co-ordinate Reference:**	Well SJ 30-6 #1M
Project:	SJB (NM Central)	**TVD Reference:**	AWS 920 @ 6283.0ft (15' DF + 6268' GL)
Site:	SEC 10-T30N-R6W	**MD Reference:**	AWS 920 @ 6283 0ft (15' DF + 6268' GL)
Well:	SJ 30-6 #1M	**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)
6,840 0	0.52	203.51	6,582.1	-66 6	-1,372.7	1,374.2	0.48	0 47	-13.63
6,870.0	0.50	182.14	6,612.1	-66 9	-1,372.8	1,374.3	0.63	-0.07	-71.23
6,900.0	0.45	189.30	6,642 1	-67.1	-1,372 8	1,374.3	0.26	-0 17	23.87
6,930.0	0 53	184.40	6,672.1	-67.4	-1,372 8	1,374.4	0.30	0.27	-16.33
6,960.0	0 46	200.87	6,702 1	-67.6	-1,372.9	1,374.4	0.53	-0.23	54.90
6,990.0	0.58	198.89	6,732 1	-67.9	-1,373.0	1,374.5	0 40	0.40	-6.60
7,020.0	0.58	186.64	6,762 1	-68 2	-1,373 1	1,374.6	0 41	0.00	-40.83
7,050.0	0 58	196.77	6,792 1	-68.5	-1,373.1	1,374.7	0.34	0.00	33 77
7,080 0	0.57	190.67	6,822.1	-68 8	-1,373 2	1,374.8	0.21	-0 03	-20 33
7,110 0	0 73	215.30	6,852.1	-69.1	-1,373 3	1,374.9	1.06	0 53	82.10
7,140.0	0.74	212.59	6,882.1	-69.4	-1,373.5	1,375.1	0 12	0.03	-9 03
7,170.0	0 64	221.86	6,912.1	-69.7	-1,373 8	1,375.4	0 50	-0.33	30.90
7,200.0	0 80	218.42	6,942 1	-70.0	-1,374.0	1,375.6	0.55	0.53	-11.47
7,230.0	0.80	215.94	6,972 1	-70.3	-1,374.3	1,375.9	0.12	0 00	-8.27
7,260.0	1.01	212.95	7,002 1	-70.7	-1,374.5	1,376.2	0.72	0.70	-9 97
7,290.0	1 16	211.60	7,032 1	-71.2	-1,374 8	1,376.5	0.51	0.50	-4.50
7,320.0	1 50	208 29	7,062 1	-71.8	-1,375 2	1,376.9	1.16	1.13	-11.03
7,350 0	1 71	209.90	7,092.0	-72.5	-1.375.6	1,377.3	0.72	0.70	5.37
7,380 0	1 93	206.67	7,122 0	-73.4	-1,376.0	1,377.8	0.81	0 73	-10.77
7,410.0	1 92	206.70	7,152 0	-74.3	-1,376.5	1,378.3	0.03	-0 03	0.10
7,440.0	1 92	205.64	7,182.0	-75.2	-1,376.9	1,378.7	0.12	0 00	-3.53
7,470.0	1 88	206.30	7,212 0	-76.1	-1,377.4	1,379.2	0 15	-0.13	2.20
7,500.0	1 82	206.05	7,242 0	-76.9	-1,377.8	1,379.7	0 20	-0 20	-0.83
7,530.0	1 91	205.03	7,271.9	-77.8	-1,378 2	1,380.1	0.32	0.30	-3.40
7,560.0	2 00	198.85	7,301.9	-78.8	-1,378 6	1,380.5	0.76	0 30	-20.60
7,590.0	2 12	195.58	7,331 9	-79.8	-1,378.9	1,380.9	0.56	0.40	-10.90
7,620.0	2 56	189.33	7,361 9	-81 0	-1,379.2	1,381 2	1.69	1.47	-20.83
7,650.0	2.95	186.68	7,391 8	-82.4	-1,379 4	1,381.4	1.37	1.30	-8 83
7,680 0	3.28	187.96	7,421 8	-84.0	-1,379 6	1,381.7	1.12	1.10	4.27
7,710.0	3 02	190.61	7,451 8	-85.7	-1,379 8	1,382.0	0.99	-0 87	8.83
7,740.0	2 13	186.15	7,481 7	-87.0	-1,380 0	1,382.3	3.04	-2 97	-14 87
7,770.0	1.48	187.64	7,511 7	-87 9	-1,380.2	1,382.4	2.17	-2 17	4 97
7,800.0	1 15	198.21	7,541.7	-88 6	-1,380 3	1,382.6	1.36	-1.10	35 23
7,830 0	0.83	202 51	7,571.7	-89.1	-1,380 5	1,382 8	1 09	-1.07	14.33
7,860 0	0.85	204.67	7,601.7	-89 5	-1,380 7	1,383.0	0.12	0.07	7.20
7,890 0	0.72	196 59	7,631.7	-89.9	-1,380.8	1,383 1	0 57	-0 43	-26 93
7,920.0	0.65	199 40	7,661 7	-90 2	-1,380 9	1,383 3	0.26	-0.23	9.37
7,950.0	0.85	208.66	7,691 7	-90.6	-1,381.1	1,383 4	0 78	0.67	30.87
7,960.0	0.48	205 97	7,701.7	-90.7	-1,381 1	1,383 5	3.71	-3 70	-26 90
Last SDI Gyro Survey									

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
30.0	30 0	0 0	0 0	First SDI Gyro Survey
7,960.0	7,701.7	-90.7	-1,381.1	Last SDI Gyro Survey

Checked By: _____ Approved By: _____ Date: _____