

DEC 06 20

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Manzano, L.L.C. P.O. BOX Roswell, NM 88202-2107		² OGRID Number 231429 231529
		³ Reason for Filing Code/ Effective Date RT- 5,000 bbls
⁴ API Number 30 - 025-40230	⁵ Pool Name Salt Lake Delaware	⁶ Pool Code 53565
⁷ Property Code 38749	⁸ Property Name Queenie 15 Federal	⁹ Well Number JH

II. ¹⁰ Surface Location

U or lot no. M	Section 14	Township 20S	Range 32E	Lot Idn	Feet from the 200'	North/South Line South	Feet from the 795'	East/West line West	County Lea
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¹¹ Bottom Hole Location

UL or lot no. M	Section 15	Township 20S	Range 32E	Lot Idn	Feet from the 2542'	North/South line North	Feet from the 931'	East/West line East	County Lea
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¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date N/A	¹⁵ C-129 Permit Number N/A	¹⁶ C-129 Effective Date N/A	¹⁷ C-129 Expiration Date N/A
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III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 O/G/V
034053	Pinins Marketing, L.P. 333 Clay Street, Suite 1600, Houston TX 77002	Oil
	Testing Allowable	
	Expires: <u>01/06/12</u>	

IV. Well Completion Data

²¹ Spud Date 10/4/2011	²² Ready Date 11/19/2011	²³ TD 9112' MD	²⁴ PBDT 7552' MD	²⁵ Perforations 7442' & 7192'	²⁶ DHC, MC N/A
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 ½"	13 3/8"	1220'	1050 sx		
12 ¼"	9 5/8"	3242'	1100 sx		
8 ¾"	7"	5695'	850 SX		
6 1/8"	4 ½" 2 7/8" 2 3/8"	7552' 7050'	Packer and Port Assembly		

V. Well Test Data

³¹ Date New Oil 12/01/2011	³² Gas Delivery Date N/A	³³ Test Date 12/5/11	³⁴ Test Length 1 day	³⁵ Tbg. Pressure 240 PSI	³⁶ Csg. Pressure 1200 PSI
³⁷ Choke Size 32/64"	³⁸ Oil 634 bbls	³⁹ Water 160 bbls	⁴⁰ Gas N/A		⁴¹ Test Method F

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: _____

Printed name: _____

Craig Hanagan

Title:
Operations Foreman

E-mail Address:
craig@manzanocenergy.com

Date: 12/05/2011

Phone:
575-910-6154

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

DEC 07 2011

DEC 07 2011

DEC 06 2011

Weatherford International Ltd.

WFT Survey Report X & Y's



Weatherford

Company: Manzano LLC	Date: 10/31/2011	Time: 07:32:43	Page: 1
Field: Lea Co, NM (NAD 83)	Co-ordinate(NE) Reference:	Site: Queenie 15-1, Grid North	
Site: Queenie 15-1	Vertical (TVD) Reference:	SITE 3350.0	
Well: 15-1	Section (VS) Reference:	Well (0.00N,0.00E,338.79Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: Wft Svy	Start Date: 10/10/2011
Company: Weatherford International Ltd.	Engineer: Patrick Rudolph
Tool: MWD;MWD - Standard	Tied-to: User Defined

Field: Lea Co, NM (NAD 83)

Map System: US State Plane Coordinate System 1983
 Geo Datum: GRS 1980
 Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
 Coordinate System: Site Centre
 Geomagnetic Model: IGRF2010

Site: Queenie 15-1

Site Position:	Northing: 570322.05 ft	Latitude: 32 33 59.331 N
From: Map	Easting: 723235.89 ft	Longitude: 103 44 34.410 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3532.00 ft		Grid Convergence: 0.32 deg

Well: 15-1

Slot Name:

Well Position:	+N/-S 0.00 ft	Northing: 570322.05 ft	Latitude: 32 33 59.331 N
	+E/-W 0.00 ft	Easting: 723235.89 ft	Longitude: 103 44 34.410 W
Position Uncertainty: 0.00 ft			

Wellpath: 1

Drilled From: Surface
Tie-on Depth: 0.00 ft
Above System Datum: Mean Sea Level
Declination: 7.69 deg
Mag Dip Angle: 60.47 deg
Direction: deg

Current Datum: SITE	Height 3350.00 ft
Magnetic Data: 6/15/2011	
Field Strength: 48830 nT	
Vertical Section: Depth From (TVD)	+N/-S
ft	ft
0.00	0.00

0.00 0.00 0.00 338.79

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	DLS deg/100ft	VS ft	MapN ft	MapE ft	Comment
1124.00	0.85	271.49	1123.98	-1.94	-5.00	0.00	0.00	570320.11	723230.89	Tie On SDI First Wft Svy
1245.00	0.60	23.80	1244.97	-1.34	-5.64	1.00	0.79	570320.72	723230.25	
1370.00	0.94	29.44	1369.96	0.15	-4.87	0.28	1.91	570322.21	723231.02	
1465.00	1.00	36.40	1464.95	1.50	-4.00	0.14	2.85	570323.55	723231.89	
1558.00	0.89	17.36	1557.94	2.84	-3.30	0.36	3.85	570324.90	723232.59	
1651.00	0.96	21.25	1650.92	4.26	-2.80	0.10	4.98	570326.31	723233.09	
1745.00	0.98	17.71	1744.91	5.76	-2.27	0.07	6.19	570327.81	723233.62	
1838.00	1.23	23.80	1837.89	7.43	-1.63	0.30	7.52	570329.48	723234.26	
1931.00	0.84	79.53	1930.88	8.47	-0.56	1.10	8.09	570330.52	723235.33	
2024.00	0.94	100.25	2023.87	8.45	0.87	0.36	7.57	570330.51	723236.76	
2117.00	1.20	92.43	2116.85	8.28	2.59	0.32	6.78	570330.33	723238.48	
2210.00	1.92	121.16	2209.82	7.43	4.90	1.12	5.16	570329.48	723240.79	
2303.00	2.44	118.80	2302.75	5.67	7.96	0.57	2.40	570327.72	723243.85	
2397.00	2.42	131.23	2396.67	3.40	11.21	0.56	-0.89	570325.45	723247.10	
2491.00	2.82	179.73	2490.58	-0.22	12.71	2.32	-4.81	570321.83	723248.60	
2584.00	1.29	191.14	2583.52	-3.54	12.52	1.69	-7.83	570318.52	723248.41	
2677.00	1.15	44.77	2676.51	-3.90	12.98	2.51	-8.33	570318.15	723248.87	
2771.00	2.06	43.15	2770.47	-2.00	14.80	0.97	-7.22	570320.05	723250.69	
2865.00	1.67	16.99	2864.42	0.54	16.35	0.98	-5.41	570322.60	723252.24	
2959.00	2.46	315.73	2958.37	3.30	15.34	2.35	-2.48	570325.35	723251.23	
3052.00	3.34	309.44	3051.25	6.45	11.86	1.00	1.72	570328.50	723247.75	
3145.00	3.57	305.69	3144.08	9.86	7.41	0.35	6.51	570331.91	723243.30	
3180.00	3.68	305.48	3179.01	11.15	5.61	0.32	8.36	570333.20	723241.50	
3280.00	3.16	310.76	3278.83	14.81	0.91	0.61	13.47	570336.86	723236.80	

Weatherford International Ltd.

WFT Survey Report X & Y's



Weatherford

Company: Manzano LLC
Field: Lea Co., NM (NAD 83)
Site: Queenie 15-1
Well: 15-1
Wellpath: 1

Date: 10/31/2011 Time: 07:32:43 Page: 2
Co-ordinate(NE) Reference: Site: Queenie 15-1, Grid-North
Vertical (TVD) Reference: SITE 3350.0
Section (VS) Reference: Well (0.00N,0.00E,338.79Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	DLS deg/100ft	VS ft	MapN ft	MapE ft	Comment
3373.00	3.33	308.07	3371.69	18.15	-3.15	0.25	18.06	570340.20	723232.74	
3436.00	3.49	312.32	3434.57	20.57	-6.01	0.47	21.35	570342.62	723229.88	
3467.00	3.67	309.97	3465.51	21.84	-7.47	0.75	23.06	570343.89	723228.42	
3498.00	4.96	321.70	3496.43	23.53	-9.06	5.02	25.21	570345.58	723226.83	
3529.00	7.89	323.34	3527.23	26.29	-11.16	9.47	28.55	570348.34	723224.73	
3561.00	10.40	323.84	3558.82	30.38	-14.18	7.85	33.45	570352.44	723221.71	
3592.00	12.38	323.24	3589.21	35.30	-17.82	6.40	39.36	570357.36	723218.07	
3623.00	14.56	324.48	3619.35	41.14	-22.07	7.09	46.34	570363.19	723213.82	
3654.00	16.59	322.94	3649.21	47.84	-27.00	6.68	54.37	570369.90	723208.89	
3685.00	18.85	320.42	3678.74	55.23	-32.86	7.70	63.38	570377.29	723203.03	
3716.00	21.06	318.07	3707.88	63.24	-39.78	7.58	73.35	570385.29	723196.11	
3747.00	23.30	316.78	3736.58	71.85	-47.70	7.39	84.24	570393.91	723188.19	
3778.00	25.23	317.29	3764.84	81.18	-56.38	6.26	96.08	570403.23	723179.51	
3810.00	26.82	318.79	3793.60	91.62	-65.76	5.38	109.21	570413.67	723170.13	
3841.00	29.07	318.82	3820.98	102.55	-75.33	7.26	122.86	570424.60	723160.56	
3872.00	31.32	317.37	3847.77	114.15	-85.75	7.63	137.44	570436.20	723150.14	
3903.00	33.61	316.83	3873.93	126.33	-97.07	7.45	152.90	570448.39	723138.82	
3934.00	35.44	316.74	3899.46	139.14	-109.10	5.91	169.19	570461.19	723126.79	
3966.00	37.23	316.00	3925.24	152.86	-122.19	5.76	186.71	570474.91	723113.70	
3997.00	38.92	316.36	3949.64	166.65	-135.42	5.50	204.36	570488.71	723100.47	
4028.00	40.19	316.76	3973.55	180.99	-149.00	4.18	222.64	570503.04	723086.89	
4059.00	42.17	316.85	3996.88	195.87	-162.97	6.39	241.56	570517.92	723072.92	
4091.00	44.38	317.34	4020.17	211.94	-177.90	6.99	261.95	570533.99	723057.99	
4122.00	45.64	317.60	4042.09	228.09	-192.72	4.11	282.37	570550.15	723043.17	
4153.00	47.29	317.76	4063.44	244.71	-207.85	5.34	303.34	570566.76	723028.04	
4184.00	50.28	317.49	4083.86	261.93	-223.56	9.67	325.08	570583.99	723012.33	
4214.00	51.21	317.43	4102.85	279.05	-239.27	3.10	346.72	570601.10	722996.62	
4245.00	52.35	317.15	4122.03	296.94	-255.79	3.75	369.38	570619.00	722980.10	
4276.00	54.81	316.51	4140.43	315.13	-272.86	8.11	392.51	570637.19	722963.03	
4307.00	58.07	316.09	4157.56	333.81	-290.70	10.58	416.38	570655.86	722945.19	
4338.00	60.57	315.58	4173.38	352.93	-309.28	8.19	440.92	570674.98	722926.61	
4369.00	61.69	315.51	4188.35	372.31	-328.29	3.62	465.87	570694.36	722907.60	
4401.00	63.03	315.64	4203.19	392.55	-348.13	4.20	491.92	570714.60	722887.76	
4431.00	63.42	316.26	4216.71	411.80	-366.75	2.26	516.60	570733.85	722869.14	
4463.00	63.74	316.25	4230.95	432.50	-386.57	1.00	543.07	570754.56	722849.32	
4494.00	63.86	316.11	4244.63	452.57	-405.83	0.56	568.75	570774.63	722830.06	
4525.00	64.11	316.13	4258.23	472.65	-425.14	0.81	594.46	570794.71	722810.75	
4585.00	64.51	316.13	4284.24	511.63	-462.61	0.67	644.36	570833.69	722773.28	
4617.00	64.80	316.05	4297.94	532.47	-482.67	0.93	671.04	570854.52	722753.22	
4646.00	64.88	316.02	4310.27	551.36	-500.89	0.29	695.24	570873.41	722735.00	
4679.00	64.91	316.06	4324.27	572.87	-521.63	0.14	722.80	570894.92	722714.26	
4773.00	63.75	315.32	4364.99	633.50	-580.81	1.42	800.73	570955.55	722655.08	
4867.00	65.14	314.97	4405.54	693.61	-640.62	1.52	878.42	571015.66	722595.27	
4960.00	64.29	315.11	4445.26	753.11	-700.04	0.92	955.39	571075.17	722535.85	
5054.00	64.88	314.73	4485.60	813.06	-760.16	0.73	1033.03	571135.12	722475.73	
5148.00	63.45	315.43	4526.56	872.97	-819.90	1.66	1110.49	571195.02	722415.99	
5242.00	63.44	317.12	4568.59	933.73	-878.02	1.61	1188.16	571255.78	722357.87	
5334.00	63.31	316.99	4609.82	993.93	-934.05	0.19	1264.56	571315.98	722301.84	
5428.00	63.98	316.98	4651.55	1055.52	-991.51	0.71	1342.77	571377.57	722244.38	
5522.00	64.59	316.76	4692.33	1117.32	-1049.41	0.68	1421.34	571439.38	722186.48	
5615.00	63.99	317.15	4732.68	1178.56	-1106.61	0.75	1499.12	571500.61	722129.28	
5633.00	64.13	317.04	4740.55	1190.42	-1117.62	0.95	1514.16	571512.47	722118.27	

Weatherford International Ltd.

WFT Survey Report X & Y's



Weatherford

Company: Manzano LLC.
Field: Lea Co., NM (NAD 83)
Site: Queenie 15-1
Well: 15-1
Wellpath: 1

Date: 10/31/2011 Time: 07:32:43 Page: 3
Co-ordinate(NE) Reference: Site: Queenie 15-1, Grid North
Vertical (TVD) Reference: SITE 3350.0
Section (VS) Reference: Well (0.00N,0.00E,338.79Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	DLS deg/100ft	VS ft	MapN ft	MapE ft	Comment
5728.00	64.56	318.99	4781.69	1254.07	-1174.90	1.90	1594.22	571576.12	722060.99	
5777.00	63.82	318.50	4803.02	1287.23	-1203.99	1.76	1635.66	571609.28	722031.90	
5812.00	65.03	319.57	4818.13	1311.07	-1224.69	4.42	1665.38	571633.12	722011.20	
5844.00	67.10	321.82	4831.11	1333.70	-1243.21	9.12	1693.18	571655.76	721992.68	
5875.00	69.63	323.89	4842.54	1356.67	-1260.60	10.25	1720.88	571678.72	721975.29	
5906.00	72.36	325.93	4852.64	1380.65	-1277.44	10.78	1749.33	571702.71	721958.45	
5938.00	73.93	327.02	4861.92	1406.18	-1294.36	5.89	1779.25	571728.24	721941.53	
5970.00	75.20	328.06	4870.43	1432.21	-1310.91	5.06	1809.51	571754.26	721924.98	
6002.00	75.92	329.73	4878.41	1458.74	-1326.92	5.53	1840.03	571780.80	721908.97	
6033.00	77.11	331.69	4885.64	1485.03	-1341.66	7.25	1869.88	571807.09	721894.23	
6065.00	78.12	332.80	4892.51	1512.69	-1356.22	4.63	1900.93	571834.74	721879.67	
6097.00	78.56	333.04	4898.97	1540.59	-1370.49	1.56	1932.11	571862.65	721865.40	
6128.00	78.45	335.60	4905.15	1567.97	-1383.65	8.10	1962.39	571890.02	721852.24	
6160.00	79.01	337.84	4911.41	1596.80	-1396.05	7.08	1993.75	571918.85	721839.84	
6192.00	79.32	340.26	4917.42	1626.14	-1407.29	7.49	2025.18	571948.20	721828.60	
6223.00	79.27	341.51	4923.18	1654.93	-1417.26	3.97	2055.61	571976.98	721818.63	
6255.00	79.44	342.85	4929.09	1684.86	-1426.89	4.15	2087.01	572006.92	721809.00	
6287.00	80.46	343.56	4934.68	1715.03	-1435.99	3.86	2118.42	572037.08	721799.90	
6319.00	81.58	342.49	4939.67	1745.26	-1445.22	4.81	2149.94	572067.31	721790.67	
6350.00	81.82	342.19	4944.15	1774.49	-1454.52	1.23	2180.56	572096.54	721781.37	
6382.00	80.89	342.26	4948.96	1804.61	-1464.18	2.91	2212.14	572126.67	721771.71	
6414.00	80.01	342.14	4954.27	1834.66	-1473.83	2.77	2243.64	572156.71	721762.06	
6445.00	79.32	341.42	4959.83	1863.63	-1483.36	3.19	2274.09	572185.68	721752.53	
6477.00	79.26	340.93	4965.77	1893.39	-1493.51	1.52	2305.51	572215.44	721742.38	
6509.00	78.95	340.61	4971.82	1923.06	-1503.86	1.38	2336.91	572245.11	721732.03	
6541.00	79.83	341.65	4977.71	1952.82	-1514.03	4.22	2368.34	572274.87	721721.86	
6572.00	80.20	341.37	4983.09	1981.77	-1523.71	1.49	2398.83	572303.83	721712.18	
6604.00	80.95	341.47	4988.33	2011.70	-1533.77	2.36	2430.37	572333.75	721702.12	
6636.00	84.18	343.66	4992.47	2041.96	-1543.27	12.16	2462.02	572364.02	721692.62	
6667.00	84.62	344.30	4995.50	2071.62	-1551.79	2.50	2492.75	572393.67	721684.10	
6699.00	83.69	344.55	4998.75	2102.28	-1560.34	3.01	2524.43	572424.34	721675.55	
6731.00	83.13	344.69	5002.43	2132.93	-1568.77	1.80	2556.05	572454.99	721667.12	
6763.00	84.06	345.10	5006.00	2163.63	-1577.05	3.17	2587.67	572485.69	721658.84	
6794.00	84.45	345.65	5009.10	2193.48	-1584.84	2.17	2618.31	572515.53	721651.05	
6826.00	84.45	345.29	5012.19	2224.31	-1592.83	1.12	2649.95	572546.36	721643.06	
6858.00	84.00	344.83	5015.41	2255.07	-1601.04	2.01	2681.59	572577.13	721634.85	
6889.00	83.51	344.41	5018.79	2284.78	-1609.21	2.08	2712.25	572606.84	721626.68	
6921.00	83.20	344.20	5022.49	2315.38	-1617.81	1.17	2743.89	572637.44	721618.08	
6953.00	83.08	344.46	5026.31	2345.97	-1626.39	0.89	2775.51	572668.03	721609.50	
6984.00	83.20	345.69	5030.01	2375.71	-1634.32	3.96	2806.10	572697.77	721601.57	
7016.00	83.31	347.27	5033.77	2406.61	-1641.75	4.92	2837.59	572728.66	721594.14	
7048.00	83.26	348.61	5037.51	2437.69	-1648.39	4.16	2868.97	572759.74	721587.50	
7080.00	82.83	348.32	5041.39	2468.81	-1654.74	1.62	2900.28	572790.86	721581.15	
7112.00	83.07	347.87	5045.32	2499.89	-1661.29	1.58	2931.62	572821.94	721574.60	
7143.00	84.18	347.76	5048.76	2530.00	-1667.79	3.60	2962.05	572852.05	721568.10	
7175.00	86.23	348.82	5051.43	2561.22	-1674.27	7.21	2993.49	572883.28	721561.62	
7207.00	87.28	349.78	5053.25	2592.61	-1680.20	4.44	3024.91	572914.67	721555.69	
7238.00	87.84	350.09	5054.57	2623.11	-1685.61	2.06	3055.29	572945.16	721550.28	
7270.00	87.96	350.55	5055.74	2654.63	-1690.99	1.48	3086.63	572976.69	721544.90	
7302.00	87.96	351.43	5056.88	2686.22	-1695.99	2.75	3117.88	573008.27	721539.90	
7334.00	88.58	352.32	5057.84	2717.88	-1700.52	3.39	3149.04	573039.93	721535.37	
7365.00	89.57	353.37	5058.34	2748.63	-1704.38	4.65	3179.10	573070.69	721531.51	
7397.00	90.06	353.48	5058.45	2780.42	-1708.04	1.57	3210.06	573102.48	721527.85	

Weatherford International Ltd.

WFT Survey Report X & Y's



Weatherford

Company: Manzano LLC
Field: Lea Co., NM (NAD 83)
Site: Queenie 15-1
Well: 15-1
Wellpath: 1

Date: 10/31/2011 Time: 07:32:43 Page: 4
Co-ordinate(NE) Reference: Site: Queenie 15-1, Grid North
Vertical (TVD) Reference: SITE 3350.0
Section (VS) Reference: Well (0.00N,0.00E,338.79Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	DLS deg/100ft	VS ft	MapN ft	MapE ft	Comment
7429.00	90.37	353.69	5058.33	2812.22	-1711.62	1.17	3241.00	573134.28	721524.27	
7460.00	91.30	354.04	5057.88	2843.04	-1714.93	3.21	3270.93	573165.10	721520.96	
7492.00	91.42	353.54	5057.12	2874.85	-1718.39	1.61	3301.83	573196.90	721517.50	
7524.00	90.49	352.44	5056.58	2906.60	-1722.29	4.50	3332.85	573228.65	721513.60	
7555.00	90.00	352.87	5056.45	2937.35	-1726.26	2.10	3362.94	573259.40	721509.63	
7619.00	89.82	353.87	5056.55	3000.92	-1733.65	1.59	3424.88	573322.97	721502.24	
7651.00	90.00	353.79	5056.60	3032.73	-1737.08	0.62	3455.78	573354.79	721498.81	
7682.00	90.80	354.32	5056.38	3063.56	-1740.30	3.10	3485.69	573385.62	721495.59	
7714.00	91.48	354.99	5055.75	3095.42	-1743.28	2.98	3516.46	573417.47	721492.61	
7746.00	91.36	354.03	5054.95	3127.26	-1746.34	3.02	3547.26	573449.32	721489.55	
7841.00	92.72	358.23	5051.57	3221.96	-1752.74	4.64	3637.86	573544.01	721483.15	
7936.00	92.82	357.46	5046.98	3316.78	-1756.31	0.82	3727.54	573638.84	721479.58	
8031.00	89.82	356.40	5044.79	3411.61	-1761.40	3.35	3817.79	573733.66	721474.49	
8126.00	91.85	357.99	5043.41	3506.48	-1766.05	2.71	3907.91	573828.53	721469.84	
8222.00	90.00	356.05	5041.86	3602.33	-1771.04	2.79	3999.07	573924.38	721464.85	
8317.00	89.51	354.07	5042.26	3696.97	-1779.22	2.15	4090.25	574019.02	721456.67	
8412.00	89.44	355.07	5043.13	3791.53	-1788.21	1.06	4181.67	574113.59	721447.68	
8507.00	90.35	356.40	5043.31	3886.27	-1795.27	1.70	4272.54	574208.32	721440.62	
8602.00	92.72	0.99	5040.76	3981.18	-1797.44	5.44	4361.80	574303.23	721438.45	
8697.00	91.97	3.06	5036.87	4076.03	-1794.08	2.32	4449.01	574398.09	721441.81	
8792.00	89.57	2.58	5035.60	4170.90	-1789.41	2.58	4535.76	574492.96	721446.48	
8887.00	90.37	2.52	5035.65	4265.81	-1785.18	0.84	4622.71	574587.86	721450.71	
8982.00	90.43	0.67	5034.98	4360.76	-1782.54	1.95	4710.27	574682.82	721453.35	
9050.00	91.67	359.29	5033.74	4428.75	-1782.56	2.73	4773.66	574750.80	721453.33	Last Wft Svy
9112.00	91.67	359.29	5031.93	4490.72	-1783.33	0.00	4831.71	574812.77	721452.56	Proj. to Bit

Annotation

MD ft	TVD ft	
1124.00	1123.98	Tie On SDI
1245.00	1244.97	First Wft Svy
9050.00	5033.74	Last Wft Svy
9112.00	5031.93	Proj. to Bit