

Surveyor Certification Form

Survey Company: MS ENERGY SERVICES
Surveyors Name: JAMES GALLY
Survey Job Type: RATE GYRO
Customer: OXY USA, INC
Well: STENT 21 FEDERAL 2H
API: 30-015-41221
Surveyed from: SURFACE TO A DEPTH OF 2388'MD
Survey Run Date: 12-6-13 TO 12-7-13
Surface Location: EDDY COUNTY, NM

I certify that the data is true, correct, and complete and within the limitations of the tool set forth by MS Energy Services; that I am authorized and qualified to make this report; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by MS Energy Services.

James Gally



Digitally signed by James Gally
DN: cn=James Gally, o=MS Energy
Services, ou=MS Survey,
email=jgally@msenergyservices.com, c=US
Date: 2013.01.02 15:29:39 -06'00'



Job Number: SVMO-131084
 Company: OXY USA, Inc.
 Lease/Well: Stent 21 Federal 2H
 Location: Eddy County, NM
 Rig Name: H&P #477
 RKB: 25.5'
 G.L. or M.S.L.: GL

State/Country: New Mexico/USA
 Declination: 7.74°
 Grid: East To Grid North
 File name: S:\2013SU~1\OXY\MO\STENT21FEDE~1\2H.SVY
 Date/Time: 09-Dec-13 / 10:12
 Curve Name: Surface - 2388' M.D. (Rate Gyro)

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 356.22
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
71.00	.47	45.28	71.00	.20	.21	.19	.29	45.28	.66
101.00	.29	82.36	101.00	.30	.37	.28	.48	50.79	.99
132.00	.56	298.94	132.00	.39	.31	.36	.50	39.25	2.62
162.00	.63	300.04	162.00	.54	.04	.53	.54	4.64	.24
192.00	.76	293.32	191.99	.70	-.28	.72	.75	338.08	.51
223.00	.77	280.28	222.99	.82	-.68	.86	1.06	320.47	.56
253.00	.52	281.74	252.99	.88	-1.01	.95	1.34	311.22	.84
283.00	.42	277.74	282.99	.92	-1.25	1.01	1.55	306.51	.35
313.00	.43	265.41	312.99	.93	-1.47	1.03	1.74	302.33	.31
408.00	.63	180.00	407.98	.38	-1.83	.50	1.87	281.75	.77
502.00	.37	354.19	501.98	.17	-1.86	.29	1.86	275.08	1.06
596.00	.31	272.87	595.98	.48	-2.14	.62	2.19	282.63	.47

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
691.00	.29	281.01	690.98	.54	-2.63	.71	2.69	281.55	.05
785.00	.14	316.79	784.98	.67	-2.95	.86	3.02	282.77	.21
879.00	.55	248.77	878.98	.59	-3.45	.81	3.50	279.68	.55
974.00	2.61	187.34	973.94	-1.72	-4.15	-1.45	4.49	247.44	2.52
1068.00	3.05	188.71	1067.83	-6.32	-4.80	-5.99	7.93	217.22	.47
1162.00	3.21	189.11	1161.69	-11.39	-5.59	-10.99	12.69	206.16	.17
1256.00	3.33	189.41	1255.53	-16.68	-6.46	-16.22	17.89	201.16	.13
1351.00	3.57	188.52	1350.36	-22.33	-7.35	-21.79	23.50	198.21	.26
1445.00	3.26	175.45	1444.20	-27.89	-7.57	-27.33	28.89	195.18	.89
1539.00	3.58	151.24	1538.03	-33.12	-5.94	-32.66	33.65	190.17	1.56
1634.00	4.31	138.11	1632.81	-38.38	-2.13	-38.16	38.44	183.18	1.22
1728.00	4.17	140.64	1726.55	-43.65	2.39	-43.72	43.72	176.86	.25
1822.00	4.48	125.51	1820.29	-48.43	7.55	-48.82	49.01	171.14	1.25
1917.00	5.12	84.02	1914.98	-50.14	14.79	-51.01	52.28	163.57	3.63
2011.00	5.10	85.05	2008.61	-49.34	23.12	-50.76	54.49	154.89	.10
2105.00	4.94	106.78	2102.25	-50.15	31.16	-52.10	59.04	148.15	2.02
2199.00	5.31	84.86	2195.89	-50.93	39.37	-53.42	64.37	142.30	2.11
2294.00	5.14	89.94	2290.49	-50.53	48.00	-53.59	69.70	136.47	.52
Last Survey Depth Recorded									
2388.00	4.71	106.34	2384.15	-51.61	55.92	-55.19	76.10	132.71	1.56



Weatherford®

Evaluation, Drilling & Intervention
10000 West County Rd. 116
P.O. Box 61028
Midland, TX USA 79711
Tel. (432) 561-8892 Fax (432) 561-8895

Occidental Permian Ltd.
5 Greenway Plaza Suite 110
Houston Tx 77046

Date: January 03, 2014

Attention: Anthony Tsacher

Re: Occidental Permian Ltd
Well: Stent 21 Fed 2H
Eddy County, New Mexico

Enclosed, please find the original survey performed on the referenced well by Precision Energy Services, Inc. (P-5 No. 676004), a Weatherford company. Other information required by your office is as follows:

<u>Name & Title Of Surveyor</u>	<u>Well Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Jeremy Orona MWD Supervisor	1H	2560' MD 12672' MD	12-10-2013 12-25-2013	Measurement While Drilling

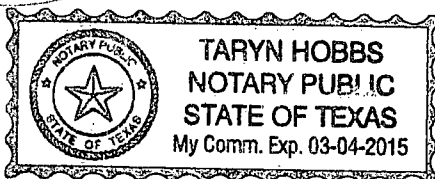
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Jesus Aguilar
MWD Coordinator

On this, the 7 day of January, 2014, before me a notary public, the undersigned officer, personally appeared JESUS AGUILAR, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

In witness hereof, I hereunto set my hand and official seal.

Notary Public





Weatherford International Ltd.

WFT Survey Report X&Y's



Weatherford

Company: Occidental Permian Ltd. Date: 1/3/2014 Time: 13:57:12 Page: 1
 Field: Eddy Co, NM (Nad 27) Co-ordinate(NE) Reference: Well: Stent 21 Fed #2H, Grid North
 Site: Stent 21 Fed #2H Vertical (TVD) Reference: SITE 3030.0
 Well: Stent 21 Fed #2H Section (VS) Reference: Well (0.00N,0.00E,356.22Azi)
 Wellpath: 1 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: Start Date:

Company: Engineer:
 Tool: Tied-to:

Site: Stent 21 Fed #2H

Site Position: Northing: 435088.40 ft Latitude: 32 11 45.416 N
 From: Map Easting: 573964.60 ft Longitude: 104 5 39.207 W
 Position Uncertainty: 0.00 ft North Reference: Grid
 Ground Level: 3006.00 ft Grid Convergence: 0.13 deg

Well: Stent 21 Fed #2H Slot Name:

Well Position: +N/-S 0.00 ft Northing: 435088.40 ft Latitude: 32 11 45.416 N
 +E/-W 0.00 ft Easting: 573964.60 ft Longitude: 104 5 39.207 W
 Position Uncertainty: 0.00 ft

Wellpath: 1
 Current Datum: SITE Height 3030.00 ft
 Magnetic Data: 11/14/2012
 Field Strength: 48425 nT
 Vertical Section: Depth From (TVD) +N/-S +E/-W Direction
 ft ft ft deg
 0.00 0.00 0.00 356.22

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	DLS deg/100ft	YS ft	MapN ft	MapE ft	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	435088.40	573964.60	
71.00	0.47	45.28	71.00	0.20	0.21	0.66	0.19	435088.60	573964.81	
101.00	0.29	82.36	101.00	0.30	0.37	0.99	0.28	435088.70	573964.97	
132.00	0.56	298.94	132.00	0.39	0.31	2.62	0.36	435088.79	573964.91	
162.00	0.63	300.04	162.00	0.54	0.04	0.24	0.53	435088.94	573964.64	
192.00	0.76	293.32	191.99	0.70	-0.28	0.51	0.72	435089.10	573964.32	
223.00	0.77	280.28	222.99	0.82	-0.68	0.56	0.86	435089.22	573963.92	
253.00	0.52	281.74	252.99	0.88	-1.01	0.84	0.95	435089.28	573963.59	
283.00	0.42	277.74	282.99	0.92	-1.25	0.35	1.01	435089.32	573963.35	
313.00	0.43	265.41	312.99	0.93	-1.47	0.31	1.03	435089.33	573963.13	
408.00	0.63	180.00	407.98	0.38	-1.83	0.77	0.50	435088.78	573962.77	
502.00	0.37	354.19	501.98	0.17	-1.86	1.06	0.29	435088.57	573962.74	
596.00	0.31	272.87	595.98	0.48	-2.14	0.47	0.62	435088.88	573962.46	
691.00	0.29	281.01	690.98	0.54	-2.63	0.05	0.71	435088.94	573961.97	
785.00	0.14	316.79	784.98	0.67	-2.95	0.21	0.86	435089.07	573961.65	
879.00	0.55	248.77	878.98	0.59	-3.45	0.55	0.81	435088.99	573961.15	
974.00	2.61	187.34	973.94	-1.72	-4.15	2.52	-1.45	435086.68	573960.45	
1068.00	3.05	188.71	1067.83	-6.32	-4.80	0.47	-5.99	435082.08	573959.80	
1162.00	3.21	189.11	1161.69	-11.39	-5.59	0.17	-10.99	435077.01	573959.01	
1256.00	3.33	189.41	1255.53	-16.68	-6.46	0.13	-16.22	435071.72	573958.14	
1351.00	3.57	188.52	1350.36	-22.33	-7.35	0.26	-21.79	435066.07	573957.25	
1445.00	3.26	175.45	1444.20	-27.89	-7.57	0.89	-27.33	435060.51	573957.03	
1539.00	3.58	151.24	1538.03	-33.12	-5.94	1.56	-32.66	435055.28	573958.66	
1634.00	4.31	138.11	1632.81	-38.38	-2.13	1.22	-38.16	435050.02	573962.47	
1728.00	4.17	140.64	1726.55	-43.65	2.39	0.25	-43.72	435044.75	573966.99	
1822.00	4.48	125.51	1820.29	-48.43	7.55	1.25	-48.82	435039.97	573972.15	
1917.00	5.12	84.02	1914.98	-50.14	14.79	3.63	-51.01	435038.26	573979.39	
2011.00	5.10	85.05	2008.61	-49.34	23.12	0.10	-50.76	435039.06	573987.72	
2105.00	4.94	106.78	2102.25	-50.15	31.16	2.02	-52.10	435038.25	573995.76	
2199.00	5.31	84.86	2195.89	-50.93	39.37	2.11	-53.42	435037.47	574003.97	



Weatherford International Ltd.

WFT Survey Report X&Y's



Weatherford®

Company: Occidental Permian Ltd.	Date: 1/3/2014	Time: 13:57:12	Page: 2
Field: Eddy Co, NM (Nad 27)	Co-ordinate(NF) Reference:	Well: Stent 21 Fed #2H, Grid North	
Site: Stent 21 Fed #2H	Vertical (TVD) Reference:	SITE 3030.0	
Well: Stent 21 Fed #2H	Section (VS) Reference:	Well (0.00N,0.00E,356.22Azi)	
Wellpath: 1	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
2294.00	5.14	89.94	2290.49	-50.53	48.00	0.52	-53.59	435037.87	574012.60	
2388.00	4.71	106.34	2384.15	-51.61	55.92	1.56	-55.19	435036.79	574020.52	Tie On Gyro
2560.00	3.99	105.78	2555.65	-55.23	68.45	0.42	-59.62	435033.17	574033.05	First WFT Svy
2624.00	3.37	98.28	2619.52	-56.10	72.45	1.22	-60.76	435032.30	574037.05	
2718.00	2.57	66.88	2713.40	-55.68	77.13	1.90	-60.64	435032.72	574041.73	
2813.00	1.83	30.55	2808.34	-53.53	79.86	1.62	-58.68	435034.87	574044.46	
2908.00	1.54	345.30	2903.30	-50.99	80.30	1.39	-56.17	435037.41	574044.90	
3002.00	1.58	339.53	2997.26	-48.56	79.53	0.17	-53.69	435039.84	574044.13	
3191.00	1.51	353.37	3186.20	-43.64	78.33	0.20	-48.71	435044.76	574042.93	
3380.00	1.24	342.70	3375.14	-39.21	77.44	0.20	-44.23	435049.19	574042.04	
3569.00	1.09	345.50	3564.10	-35.52	76.38	0.08	-40.48	435052.88	574040.98	
3758.00	1.16	345.41	3753.07	-31.93	75.45	0.04	-36.83	435056.47	574040.05	
3947.00	1.20	335.45	3942.03	-28.28	74.14	0.11	-33.10	435060.12	574038.74	
4136.00	1.26	337.36	4130.98	-24.56	72.52	0.04	-29.29	435063.84	574037.12	
4326.00	1.26	277.78	4320.94	-22.35	69.65	0.66	-26.89	435066.05	574034.25	
4514.00	1.41	283.41	4508.89	-21.53	65.35	0.11	-25.79	435066.87	574029.95	
4704.00	1.44	278.04	4698.83	-20.66	60.71	0.07	-24.61	435067.74	574025.31	
4892.00	1.38	277.14	4886.78	-20.05	56.12	0.03	-23.70	435068.35	574020.72	
5081.00	1.39	268.31	5075.72	-19.83	51.58	0.11	-23.19	435068.57	574016.18	
5270.00	1.14	264.67	5264.68	-20.07	47.41	0.14	-23.15	435068.33	574012.01	
5459.00	0.91	258.10	5453.65	-20.56	44.07	0.14	-23.42	435067.84	574008.67	
5648.00	1.07	252.46	5642.62	-21.40	40.92	0.10	-24.05	435067.00	574005.52	
5837.00	0.77	257.05	5831.59	-22.21	38.00	0.16	-24.67	435066.19	574002.60	
6027.00	1.07	249.24	6021.57	-23.13	35.10	0.17	-25.39	435065.27	573999.70	
6216.00	2.05	328.59	6210.51	-20.87	31.68	1.13	-22.91	435067.53	573996.28	
6405.00	1.66	328.50	6399.41	-15.65	28.49	0.21	-17.49	435072.75	573993.09	
6594.00	1.61	330.67	6588.34	-11.00	25.76	0.04	-12.68	435077.40	573990.36	
6783.00	1.46	283.32	6777.28	-8.13	22.12	0.66	-9.57	435080.27	573986.72	
6972.00	0.63	263.97	6966.24	-7.69	18.74	0.47	-8.90	435080.71	573983.34	
7161.00	0.97	216.06	7155.23	-9.09	16.77	0.38	-10.17	435079.31	573981.37	
7310.00	1.55	250.29	7304.19	-10.79	14.13	0.62	-11.70	435077.61	573978.73	
7345.00	1.57	249.87	7339.18	-11.11	13.23	0.07	-11.96	435077.29	573977.83	
7377.00	2.27	308.40	7371.16	-10.87	12.32	6.17	-11.66	435077.53	573976.92	
7408.00	5.94	341.46	7402.08	-8.97	11.33	13.62	-9.69	435079.43	573975.93	
7440.00	9.17	348.20	7433.80	-4.90	10.28	10.45	-5.57	435083.50	573974.88	
7471.00	12.77	349.09	7464.23	0.88	9.13	11.63	0.28	435089.28	573973.73	
7503.00	16.95	350.60	7495.15	8.96	7.70	13.12	8.44	435097.36	573972.30	
7534.00	20.32	347.43	7524.52	18.68	5.79	11.35	18.26	435107.08	573970.39	
7565.00	24.02	345.89	7553.23	30.05	3.08	12.08	29.79	435118.45	573967.68	
7597.00	27.21	346.55	7582.08	43.49	-0.21	10.01	43.41	435131.89	573964.39	
7628.00	28.94	350.48	7609.43	57.78	-3.10	8.17	57.86	435146.18	573961.50	
7660.00	29.56	353.20	7637.35	73.26	-5.32	4.58	73.45	435161.66	573959.28	
7691.00	31.28	354.36	7664.08	88.86	-7.02	5.86	89.13	435177.26	573957.58	
7723.00	31.87	355.77	7691.35	105.55	-8.45	2.95	105.88	435193.95	573956.15	
7754.00	32.20	357.04	7717.63	121.96	-9.48	2.42	122.32	435210.36	573955.12	
7786.00	34.14	359.11	7744.41	139.46	-10.06	7.02	139.82	435227.86	573954.54	
7817.00	36.72	359.83	7769.67	157.43	-10.23	8.43	157.76	435245.83	573954.37	
7849.00	39.17	0.12	7794.90	177.10	-10.23	7.68	177.39	435265.50	573954.37	
7880.00	41.83	359.52	7818.47	197.23	-10.30	8.67	197.48	435285.63	573954.30	
7912.00	43.59	357.00	7841.99	218.92	-10.97	7.67	219.17	435307.32	573953.63	
7943.00	45.74	357.54	7864.04	240.69	-12.00	7.04	240.96	435329.09	573952.60	
7975.00	47.73	357.34	7885.97	263.97	-13.04	6.24	264.25	435352.37	573951.56	



Weatherford International Ltd.

WFT Survey Report X&Y's



Weatherford

Company: Occidental Permian Ltd.	Date: 1/3/2014	Time: 13:57:12	Page: 3
Field: Eddy Co, NM (Nad 27)	Co-ordinate(NE) Reference: Well: Stent 21 Fed #2H, Grid North		
Site: Stent 21 Fed #2H	Vertical (TVD) Reference: SITE 3030.0		
Well: Stent 21 Fed #2H	Section (VS) Reference: Well (0.00N,0.00E,356.22Azi)		
Wellpath: 1	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
8007.00	50.06	356.33	7907.00	288.04	-14.38	7.66	288.36	435376.44	573950.22	
8038.00	52.87	356.17	7926.31	312.23	-15.97	9.07	312.61	435400.63	573948.63	
8070.00	55.58	355.50	7945.02	338.12	-17.85	8.64	338.57	435426.52	573946.75	
8101.00	58.78	355.07	7961.82	364.08	-20.00	10.39	364.61	435452.48	573944.60	
8133.00	61.49	353.15	7977.75	391.68	-22.85	9.94	392.34	435480.08	573941.75	
8164.00	63.95	352.46	7991.96	419.02	-26.30	8.18	419.84	435507.42	573938.30	
8196.00	65.95	353.88	8005.51	447.80	-29.75	7.43	448.78	435536.20	573934.85	
8227.00	68.08	355.80	8017.62	476.22	-32.31	8.93	477.31	435564.62	573932.29	
8259.00	70.99	357.59	8028.80	506.14	-34.03	10.50	507.29	435594.54	573930.57	
8290.00	73.55	358.79	8038.24	535.65	-34.96	9.04	536.79	435624.05	573929.64	
8322.00	75.43	358.61	8046.80	566.48	-35.66	5.90	567.60	435654.88	573928.94	
8353.00	77.51	358.57	8054.05	596.61	-36.41	6.71	597.71	435685.01	573928.19	
8385.00	79.67	358.72	8060.38	627.96	-37.15	6.77	629.05	435716.36	573927.45	
8416.00	81.72	357.74	8065.39	658.54	-38.09	7.31	659.62	435746.94	573926.51	
8448.00	83.91	357.10	8069.40	690.25	-39.52	7.13	691.36	435778.65	573925.08	
8479.00	84.53	356.70	8072.52	721.05	-41.19	2.38	722.20	435809.45	573923.41	
8511.00	84.19	356.69	8075.66	752.84	-43.03	1.06	754.04	435841.24	573921.57	
8542.00	86.01	357.07	8078.31	783.68	-44.71	6.00	784.93	435872.08	573919.89	
8574.00	88.32	356.61	8079.89	815.59	-46.47	7.36	816.88	435903.99	573918.13	
8605.00	90.14	356.54	8080.31	846.53	-48.32	5.88	847.88	435934.93	573916.28	
8637.00	90.91	356.26	8080.02	878.47	-50.33	2.56	879.88	435966.87	573914.27	
8669.00	90.28	356.00	8079.69	910.39	-52.49	2.13	911.87	435998.79	573912.11	
8700.00	90.49	355.90	8079.48	941.32	-54.68	0.75	942.87	436029.72	573909.92	
8763.00	91.19	355.89	8078.55	1004.15	-59.19	1.11	1005.87	436092.55	573905.41	
8858.00	90.84	355.66	8076.87	1098.87	-66.19	0.44	1100.85	436187.27	573898.41	
8952.00	92.03	355.40	8074.52	1192.56	-73.51	1.30	1194.81	436280.96	573891.09	
9047.00	91.05	355.85	8071.96	1287.24	-80.75	1.14	1289.77	436375.64	573883.85	
9142.00	90.77	356.93	8070.45	1382.04	-86.73	1.17	1384.75	436470.44	573877.87	
9236.00	89.51	357.34	8070.23	1475.92	-91.43	1.41	1478.74	436564.32	573873.17	
9331.00	91.05	357.67	8069.76	1570.83	-95.57	1.66	1573.71	436659.23	573869.03	
9425.00	90.21	357.95	8068.73	1664.75	-99.16	0.94	1667.67	436753.15	573865.44	
9520.00	91.40	358.04	8067.39	1759.68	-102.48	1.26	1762.61	436848.08	573862.12	
9614.00	90.70	357.50	8065.67	1853.60	-106.14	0.94	1856.56	436942.00	573858.46	
9709.00	90.28	357.36	8064.86	1948.50	-110.40	0.47	1951.54	437036.90	573854.20	
9804.00	89.58	356.03	8064.97	2043.34	-115.88	1.58	2046.53	437131.74	573848.72	
9898.00	90.70	356.17	8064.74	2137.12	-122.27	1.20	2140.53	437225.52	573842.33	
9992.00	90.00	355.79	8064.17	2230.88	-128.86	0.85	2234.53	437319.28	573835.74	
10087.00	89.23	355.46	8064.81	2325.60	-136.11	0.88	2329.52	437414.00	573828.49	
10182.00	90.42	355.03	8065.10	2420.27	-143.98	1.33	2424.50	437508.67	573820.62	
10276.00	88.74	355.33	8065.79	2513.94	-151.88	1.82	2518.48	437602.34	573812.72	
10371.00	89.79	355.39	8067.01	2608.62	-159.56	1.11	2613.46	437697.02	573805.04	
10465.00	91.05	355.27	8066.32	2702.30	-167.22	1.35	2707.44	437790.70	573797.38	
10560.00	89.58	355.97	8065.79	2797.02	-174.47	1.71	2802.43	437885.42	573790.13	
10655.00	90.28	356.39	8065.91	2891.80	-180.80	0.86	2897.43	437980.20	573783.80	
10749.00	90.07	356.82	8065.62	2985.64	-186.37	0.51	2991.43	438074.04	573778.23	
10844.00	91.26	356.78	8064.52	3080.48	-191.67	1.25	3086.42	438168.88	573772.93	
10939.00	91.40	357.35	8062.32	3175.33	-196.53	0.62	3181.38	438263.73	573768.07	
11033.00	89.44	356.76	8061.63	3269.20	-201.36	2.18	3275.36	438357.60	573763.24	
11128.00	88.53	356.17	8063.31	3364.00	-207.22	1.14	3370.35	438452.40	573757.38	
11222.00	89.58	356.05	8064.86	3457.77	-213.59	1.12	3464.33	438546.17	573751.01	
11317.00	89.09	355.23	8065.96	3552.49	-220.82	1.01	3559.32	438640.89	573743.78	
11411.00	90.42	355.41	8066.36	3646.17	-228.48	1.43	3653.30	438734.57	573736.12	
11505.00	89.37	355.06	8066.54	3739.85	-236.29	1.18	3747.29	438828.25	573728.31	



Weatherford International Ltd.

WFT Survey Report X&Y's



Weatherford

Company:	Occidental Permian Ltd.	Date:	1/3/2014	Time:	13:57:12	Page:	4
Field:	Eddy Co, NM (Nad 27)	Co-ordinate(NE) Reference:	Well: Stent 21 Fed #2H, Grid North				
Site:	Stent 21 Fed #2H	Vertical (TVD) Reference:	SITE 3030.0				
Well:	Stent 21 Fed #2H	Section (VS) Reference:	Well (0.00N,0.00E:356.22Azi)				
Wellpath:	1	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
11600.00	90.70	355.51	8066.48	3834.52	-244.10	1.48	3842.27	438922.92	573720.50	
11694.00	89.79	355.24	8066.08	3928.22	-251.68	1.01	3936.26	439016.62	573712.92	
11789.00	89.65	355.73	8066.54	4022.92	-259.16	0.54	4031.25	439111.32	573705.44	
11883.00	90.35	355.24	8066.54	4116.63	-266.56	0.91	4125.24	439205.03	573698.04	
11977.00	90.00	355.78	8066.25	4210.34	-273.92	0.68	4219.24	439298.74	573690.68	
12072.00	91.26	355.44	8065.21	4305.05	-281.19	1.37	4314.22	439393.45	573683.41	
12166.00	90.49	355.34	8063.77	4398.74	-288.74	0.83	4408.20	439487.14	573675.86	
12260.00	90.91	355.47	8062.63	4492.43	-296.27	0.47	4502.18	439580.83	573668.33	
12355.00	90.70	356.94	8061.29	4587.21	-302.56	1.56	4597.17	439675.61	573662.04	
12450.00	90.42	357.31	8060.36	4682.08	-307.33	0.49	4692.16	439770.48	573657.27	
12544.00	88.74	358.30	8061.05	4776.00	-310.93	2.07	4786.11	439864.40	573653.67	
12639.00	89.58	358.37	8062.44	4870.95	-313.69	0.89	4881.04	439959.35	573650.91	
12672.00	89.93	358.15	8062.59	4903.94	-314.69	1.25	4914.02	439992.34	573649.91	Last WFT Svy
12732.00	89.93	358.15	8062.66	4963.91	-316.62	0.00	4973.98	440052.31	573647.98	Proj to Bit

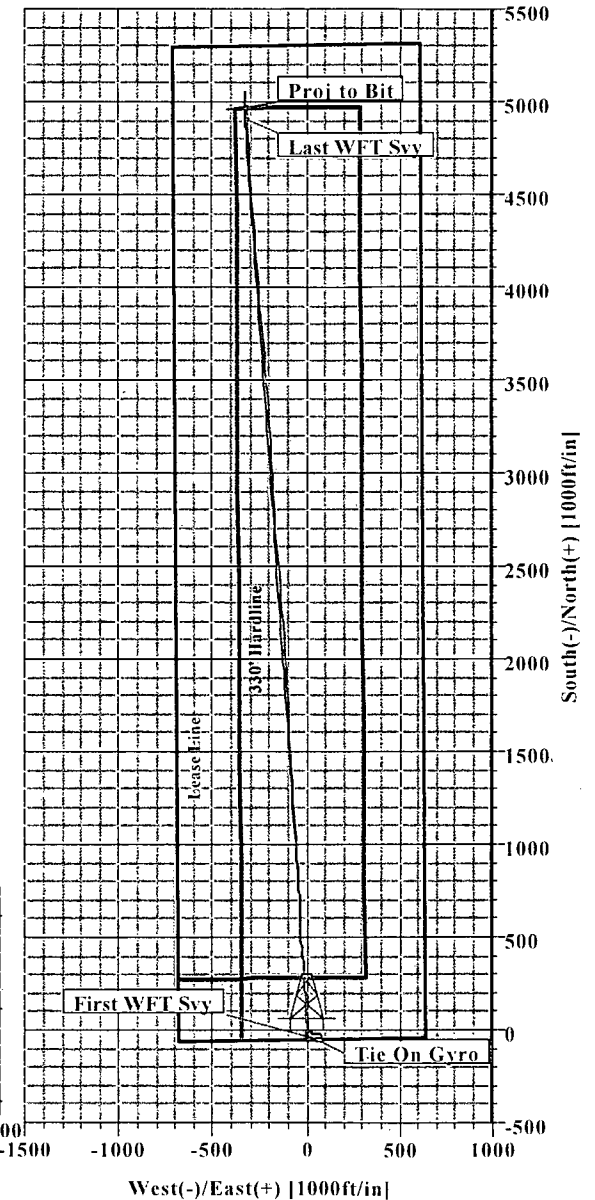
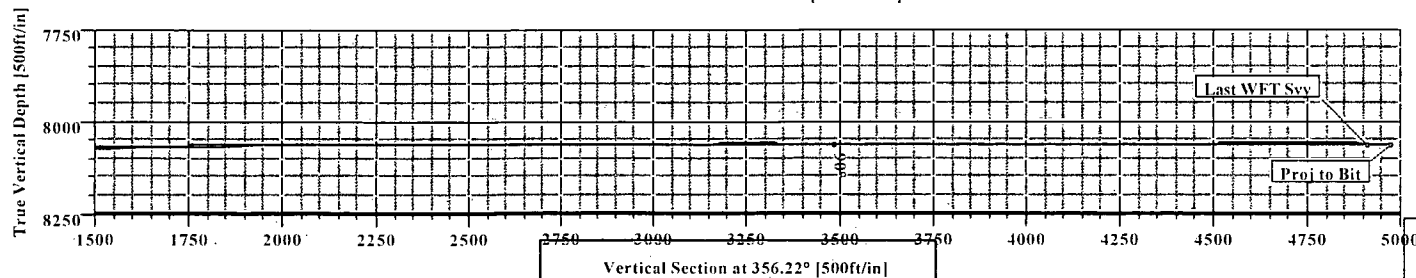
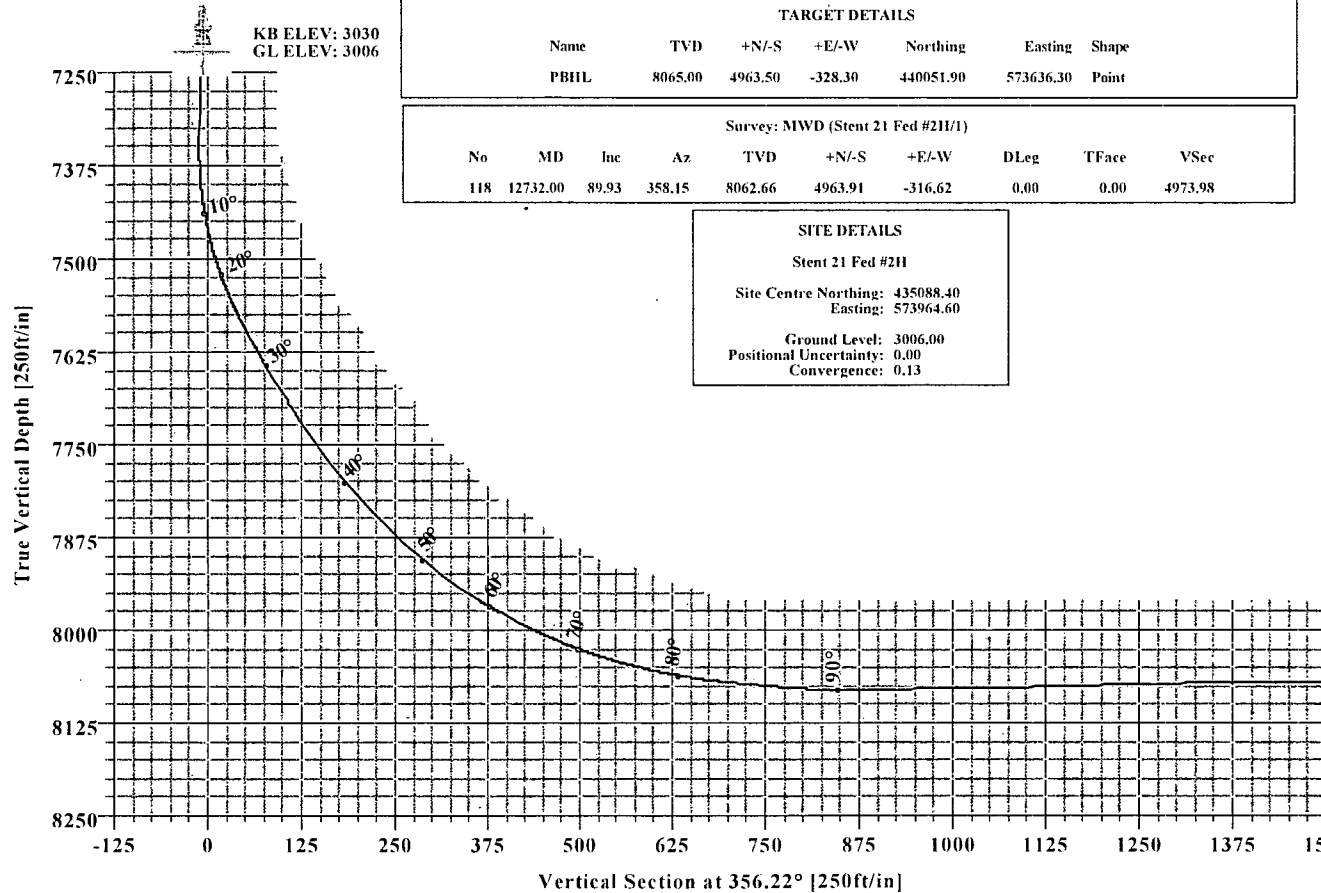
Annotation

MD ft	TVD ft	
2388.00	2384.15	Tie On Gyro
2560.00	2555.65	First WFT Svy
12672.00	8062.59	Last WFT Svy
12732.00	8062.66	Proj to Bit



Occidental Permian Ltd.

Stent 21 Fed #2H
Eddy Co, New Mexico



Weatherford

Survey: MWD (Stent 21 Fed #2H/1)
Created By: Michael Dill
Date: 1/3/2014