

Results of Directional Survey

API number:	30-025-40306		
OGRID:		Operator:	OXY USA INC
		Property:	SPEAK EASY UNIT # 2H

surface	ULSTR:	L	01	T 22S	R 32E
				1800 FSL	330 FWL

BH Loc	ULSTR:	I	01	T 22S	R 32E
12735 MD		8508.3	TVD	1862 FSL	326 FEL
					4954 FWL

Top Perf/OH	ULSTR:	L	01	T 22S	R 32E
9301 MD		8494.9	TVD	1813 FSL	1522 FWL

Bot Perf/OH	ULSTR:	I	01	T 22S	R 32E
12590 MD		8513.4	TVD	1857 FSL	471 FEL
					4809 FWL

	MD	N/S	E/W	VD
	9208	14.20	1099.28	8494.71
TOP PERFS/OH	9301	13.44	1192.27	8494.88
	9303	13.42	1194.27	8494.88
	12519	55.30	4408.27	8514.63
BOT PERFS/OH	12590	57.26	4479.23	8513.37
	12613	57.89	4502.22	8512.96

NEXT TO LAST	12675	59.77	4564.15	8510.84
LAST READING	12735	61.63	4624.07	8508.28
TD	12735	61.63	4624.07	8508.28

Surface Location	1800 FS	330 FW
Projected BHL	1862 FS	4954 FW
Location of		
Top Perfs/OH	1813 FS	1522 FW
Bottom Perfs/OH	1857 FS	4809 FW

SUMMARY of Subsurface Locations

Surface Location	L-01-22S-32E	1800 FS	330 FW	Vert. Depth
Top Perfs/OH	L-01-22S-32E	1813 FS	1522 FW	8494.88
Bottom Perfs/OH	I-01-22S-32E	1857 FS	4809 FW	8513.37
Projected TD	I-01-22S-32E	1862 FS	4954 FW	8508.28

MAY 23 2013



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: September 13, 2012

Attention: Anar Khalilov

Re: Occidental Permian Ltd
Well: ~~Boothleg Gin Fed Com #1H~~ **Speak Easy Unit #2H**
Lea County, New Mexico

SUR: L - 01-22s-32e, 1800/S & 330/W
BHL: I - 01-22s-32e, 1862/S & 4954/W
API # 30-025-40306

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:

Name & Title Of Surveyor	Well Number	Surveyed Depths	Dates Performed	Type of Survey
Joe Rivera MWD Supervisor	1H Pilot	4748' MD 11139' MD	8/9/2012 8/23/2012	Measurement While Drilling
Joe Rivera MWD Supervisor	1H Lateral	7775' MD 12675' MD	8/23/2012 9/13/2012	Measurement While Drilling

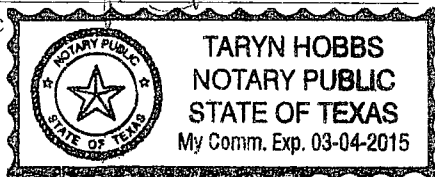
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Jesus Arguilar
MWD Coordinator

On this, the 18 day of September, 2012, before me a notary public, the undersigned officer, personally appeared Jesus Arguilar, 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: 9/13/2012		Time: 10:19:44		Page: 1	
Field: Lea Co New Mexico (Nad 27)		Co-ordinate(NE) Reference: Well: #1H, Grid North					
Site: Bootleg Gin Federal Com #1H		Vertical (TVD) Reference: SITE 3668.5					
Well: #1H		Section (VS) Reference: Well (0.00N 0.00E 90.00Azi)					
Wellpath: Lateral		Survey Calculation Method: Minimum Curvature				Db: Sybase	

Survey:		Start Date:	
Company:		Engineer:	
Tool:		Tied-to:	

Site: Bootleg Gin Federal Com #1H

Site Position:	Northing: 516630.60 ft	Latitude: 32 25 6.233 N
From: Map	Easting: 715372.50 ft	Longitude: 103 38 7.407 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3643.50 ft		Grid Convergence: 0.37 deg

Well: #1H	Slot Name:
Well Position: +N/-S 0.00 ft	Latitude: 32 25 6.233 N
+E/-W 0.00 ft	Longitude: 103 38 7.407 W
Position Uncertainty: 0.00 ft	

Wellpath: Lateral	Drilled From: Plot Hole
Current Datum: SITE	Tie-on Depth: 7775.00 ft
Magnetic Data: 8/9/2012	Above System Datum: Mean Sea Level
Field Strength: 48637 nT	Declination: 7.49 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 60.33 deg
ft	+N/-S
ft	+E/-W
ft	Direction
ft	deg
0.00	0.00
0.00	0.00
0.00	90.00

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	516630.60	715372.50	
177.00	0.22	98.45	177.00	-0.05	0.34	0.12	0.34	516630.55	715372.84	First Extreme S
269.00	0.00	258.85	269.00	-0.08	0.51	0.24	0.51	516630.52	715373.01	
369.00	0.40	196.45	369.00	-0.41	0.41	0.40	0.41	516630.19	715372.91	
469.00	0.70	206.86	468.99	-1.29	0.04	0.31	0.04	516629.31	715372.54	
569.00	1.10	211.43	568.98	-2.65	-0.74	0.41	-0.74	516627.95	715371.76	
669.00	1.32	212.93	668.96	-4.44	-1.87	0.22	-1.87	516626.16	715370.63	
769.00	1.32	212.93	768.93	-6.37	-3.12	0.00	-3.12	516624.23	715369.38	
869.00	1.41	224.44	868.90	-8.22	-4.61	0.29	-4.61	516622.38	715367.89	
969.00	1.32	230.02	968.88	-9.84	-6.35	0.16	-6.35	516620.76	715366.15	
990.00	1.19	229.14	989.87	-10.14	-6.70	0.63	-6.70	516620.46	715365.80	
1035.00	1.71	226.72	1034.86	-10.90	-7.54	1.16	-7.54	516619.70	715364.96	
1130.00	1.41	237.14	1129.82	-12.51	-9.56	0.43	-9.56	516618.09	715362.94	
1224.00	0.31	302.13	1223.81	-13.00	-10.74	1.39	-10.74	516617.60	715361.76	
1319.00	1.01	38.73	1318.81	-12.21	-10.44	1.15	-10.44	516618.39	715362.06	
1413.00	1.49	53.36	1412.78	-10.83	-8.94	0.61	-8.94	516619.77	715363.56	
1508.00	1.71	51.56	1507.75	-9.22	-6.84	0.24	-6.84	516621.38	715365.66	
1602.00	1.49	48.13	1601.71	-7.53	-4.83	0.26	-4.83	516623.07	715367.67	
1697.00	1.58	46.55	1696.67	-5.80	-2.96	0.10	-2.96	516624.80	715369.54	
1792.00	1.71	50.64	1791.64	-4.00	-0.91	0.18	-0.91	516626.60	715371.59	
1886.00	1.71	45.14	1885.59	-2.12	1.17	0.17	1.17	516628.48	715373.67	
1981.00	1.80	46.46	1980.55	-0.10	3.25	0.10	3.25	516630.50	715375.75	
2075.00	1.89	36.75	2074.50	2.16	5.25	0.35	5.25	516632.76	715377.75	
2170.00	2.11	38.64	2169.44	4.78	7.28	0.24	7.28	516635.38	715379.78	
2265.00	1.89	43.56	2264.39	7.28	9.45	0.29	9.45	516637.88	715381.95	
2359.00	1.71	58.94	2358.34	9.13	11.72	0.55	11.72	516639.73	715384.22	
2454.00	1.80	66.24	2453.29	10.46	14.30	0.25	14.30	516641.06	715386.80	
2549.00	1.80	61.84	2548.25	11.77	16.98	0.15	16.98	516642.37	715389.48	
2643.00	1.71	72.96	2642.20	12.88	19.63	0.37	19.63	516643.48	715392.13	
2738.00	1.80	68.83	2737.16	13.83	22.37	0.16	22.37	516644.43	715394.87	



Weatherford International Ltd.

WFT Survey Report X & Y's



Weatherford

Company: Occidental Permian Ltd.	Date: 9/13/2012	Time: 10:19:44	Page: 2
Field: Lea Co; New Mexico (Nad 27)	Co-ordinate(NE) Reference:	Well: #1H, Grid North	
Site: Bootleg Gin Federal Com #1H	Vertical (TVD) Reference:	SITE 3668.5	
Well: #1H	Section (VS) Reference:	Well (0.00N,0.00E,90.00Azi)	
Wellpath: Lateral	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
2832.00	1.80	67.86	2831.11	14.92	25.12	0.03	25.12	516645.52	715397.62	
2927.00	1.49	58.63	2926.07	16.13	27.55	0.43	27.55	516646.73	715400.05	
3022.00	1.19	39.34	3021.05	17.53	29.23	0.57	29.23	516648.13	715401.73	
3116.00	1.19	36.35	3115.03	19.07	30.43	0.07	30.43	516649.67	715402.93	
3211.00	1.49	41.63	3210.00	20.79	31.84	0.34	31.84	516651.39	715404.34	
3305.00	1.49	47.65	3303.97	22.53	33.55	0.17	33.55	516653.13	715406.05	
3400.00	1.58	66.15	3398.94	23.89	35.66	0.53	35.66	516654.49	715408.16	
3495.00	1.71	65.53	3493.90	25.01	38.15	0.14	38.15	516655.61	715410.65	
3589.00	1.71	54.63	3587.86	26.40	40.57	0.35	40.57	516657.00	715413.07	
3684.00	1.71	50.72	3682.81	28.12	42.82	0.12	42.82	516658.72	715415.32	
3778.00	1.58	52.53	3776.78	29.79	44.94	0.15	44.94	516660.39	715417.44	
3873.00	1.32	54.06	3871.74	31.23	46.86	0.28	46.86	516661.83	715419.36	
3968.00	1.10	54.85	3966.72	32.40	48.49	0.23	48.49	516663.00	715420.99	
4062.00	1.32	62.63	4060.70	33.42	50.19	0.29	50.19	516664.02	715422.69	
4157.00	1.49	68.35	4155.67	34.37	52.31	0.23	52.31	516664.97	715424.81	
4251.00	1.58	66.32	4249.64	35.35	54.64	0.11	54.64	516665.95	715427.14	
4346.00	1.49	61.14	4344.61	36.47	56.92	0.17	56.92	516667.07	715429.42	
4441.00	1.49	61.45	4439.57	37.65	59.08	0.01	59.08	516668.25	715431.58	
4535.00	1.58	59.64	4533.54	38.89	61.27	0.11	61.27	516669.49	715433.77	
4630.00	1.71	62.15	4628.50	40.22	63.66	0.16	63.66	516670.82	715436.16	Last Extreme Sv
4645.00	1.80	62.15	4643.49	40.43	64.06	0.60	64.06	516671.03	715436.56	
4714.00	1.50	67.45	4712.47	41.29	65.86	0.49	65.86	516671.89	715438.36	Csg
4748.00	1.36	70.91	4746.45	41.59	66.65	0.49	66.65	516672.19	715439.15	
4843.00	1.79	64.15	4841.42	42.60	69.05	0.49	69.05	516673.20	715441.55	
4937.00	1.71	66.75	4935.37	43.80	71.66	0.12	71.66	516674.40	715444.16	
5032.00	1.74	71.04	5030.33	44.83	74.33	0.14	74.33	516675.43	715446.83	
5127.00	0.87	91.27	5125.31	45.28	76.41	1.02	76.41	516675.88	715448.91	
5222.00	0.94	96.42	5220.29	45.17	77.91	0.11	77.91	516675.77	715450.41	
5316.00	0.41	136.80	5314.29	44.84	78.90	0.73	78.90	516675.44	715451.40	
5411.00	0.43	125.25	5409.29	44.39	79.43	0.09	79.43	516674.99	715451.93	
5506.00	0.73	209.42	5504.28	43.66	79.42	0.85	79.42	516674.26	715451.92	
5600.00	0.99	250.74	5598.27	42.87	78.36	0.70	78.36	516673.47	715450.86	
5694.00	0.84	203.59	5692.26	41.97	77.32	0.79	77.32	516672.57	715449.82	
5789.00	0.63	203.59	5787.25	40.85	76.83	0.22	76.83	516671.45	715449.33	
5884.00	0.63	202.96	5882.25	39.89	76.42	0.01	76.42	516670.49	715448.92	
5978.00	0.79	202.13	5976.24	38.82	75.97	0.17	75.97	516669.42	715448.47	
6073.00	0.57	197.14	6071.23	37.76	75.59	0.24	75.59	516668.36	715448.09	
6167.00	1.10	258.00	6165.23	37.12	74.57	1.02	74.57	516667.72	715447.07	
6262.00	1.20	260.19	6260.21	36.76	72.69	0.11	72.69	516667.36	715445.19	
6357.00	1.07	261.26	6355.19	36.46	70.84	0.14	70.84	516667.06	715443.34	
6451.00	1.02	259.06	6449.17	36.17	69.15	0.07	69.15	516666.77	715441.65	
6546.00	0.75	237.63	6544.16	35.67	67.79	0.44	67.79	516666.27	715440.29	
6640.00	1.15	260.94	6638.15	35.20	66.34	0.58	66.34	516665.80	715438.84	
6735.00	1.10	249.82	6733.13	34.73	64.54	0.24	64.54	516665.33	715437.04	
6829.00	1.18	257.24	6827.11	34.21	62.75	0.18	62.75	516664.81	715435.25	
6924.00	1.07	249.25	6922.09	33.68	60.97	0.20	60.97	516664.28	715433.47	
7019.00	1.19	252.66	7017.07	33.07	59.20	0.14	59.20	516663.67	715431.70	
7113.00	1.19	249.85	7111.05	32.44	57.35	0.06	57.35	516663.04	715429.85	
7208.00	0.98	248.04	7206.04	31.80	55.67	0.22	55.67	516662.40	715428.17	
7302.00	1.04	243.81	7300.02	31.12	54.16	0.10	54.16	516661.72	715426.66	
7397.00	1.02	231.74	7395.01	30.22	52.72	0.23	52.72	516660.82	715425.22	
7491.00	1.07	235.21	7488.99	29.20	51.34	0.09	51.34	516659.80	715423.84	



Weatherford International Ltd.

WFT Survey Report X & Y's



Weatherford

Company: Occidental Permian Ltd.	Date: 9/13/2012	Time: 10:19:44	Page: 3
Field: Lea Co, New Mexico (Nad 27)	Co-ordinate(NE) Reference:	Well: #1H, Grid North	
Site: Bootleg Gin Federal Com #1H	Vertical (TVD) Reference:	SITE 3668.5	
Well: #1H	Section (VS) Reference:	Well (0.00N,0.00E,90.00Azi)	
Wellpath: Lateral	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
7586.00	1.07	224.94	7583.98	28.06	49.99	0.20	49.99	516658.66	715422.49	
7680.00	1.21	219.14	7677.96	26.67	48.74	0.19	48.74	516657.27	715421.24	
7775.00	1.11	209.15	7772.94	25.09	47.66	0.24	47.66	516655.69	715420.16	Tie on Pilot
7821.00	4.79	95.08	7818.89	24.53	49.36	11.61	49.36	516655.13	715421.86	First Wft Svy
7853.00	6.99	84.41	7850.72	24.60	52.63	7.65	52.63	516655.20	715425.13	
7885.00	9.76	80.57	7882.37	25.24	57.24	8.83	57.24	516655.84	715429.74	
7916.00	12.75	85.55	7912.77	25.93	63.25	10.13	63.25	516656.53	715435.75	
7947.00	15.42	88.65	7942.84	26.30	70.78	8.95	70.78	516656.90	715443.28	
7979.00	18.31	90.55	7973.46	26.35	80.06	9.19	80.06	516656.95	715452.56	
8010.00	21.54	92.42	8002.60	26.06	90.62	10.62	90.62	516656.66	715463.12	
8042.00	24.80	93.64	8032.02	25.39	103.19	10.30	103.19	516655.99	715475.69	
8073.00	27.31	93.49	8059.86	24.54	116.78	8.10	116.78	516655.14	715489.28	
8105.00	30.28	93.17	8087.90	23.65	132.16	9.29	132.16	516654.25	715504.66	
8136.00	33.02	92.47	8114.29	22.85	148.41	8.92	148.41	516653.45	715520.91	
8168.00	35.70	93.08	8140.70	21.97	166.45	8.44	166.45	516652.57	715538.95	
8199.00	38.48	93.50	8165.43	20.90	185.11	9.00	185.11	516651.50	715557.61	
8231.00	41.50	92.53	8189.94	19.82	205.64	9.64	205.64	516650.42	715578.14	
8262.00	43.40	92.01	8212.82	18.99	226.55	6.23	226.55	516649.59	715599.05	
8294.00	45.60	91.90	8235.64	18.23	248.96	6.88	248.96	516648.83	715621.46	
8326.00	47.89	90.17	8257.57	17.82	272.26	8.17	272.26	516648.42	715644.76	
8357.00	49.95	89.20	8277.94	17.95	295.63	7.05	295.63	516648.55	715668.13	
8389.00	52.62	88.47	8297.95	18.46	320.59	8.53	320.59	516649.06	715693.09	
8420.00	54.94	87.90	8316.27	19.25	345.58	7.63	345.58	516649.85	715718.08	
8452.00	57.17	88.67	8334.13	20.04	372.11	7.25	372.11	516650.64	715744.61	
8483.00	58.84	88.88	8350.56	20.61	398.40	5.42	398.40	516651.21	715770.90	
8515.00	60.91	89.53	8366.62	20.99	426.07	6.70	426.07	516651.59	715798.57	
8546.00	62.36	90.62	8381.34	20.95	453.35	5.61	453.35	516651.55	715825.85	
8578.00	63.93	89.75	8395.80	20.86	481.90	5.47	481.90	516651.46	715854.40	
8609.00	66.11	91.32	8408.89	20.59	509.99	8.40	509.99	516651.19	715882.49	
8641.00	69.11	91.03	8421.08	19.99	539.57	9.41	539.57	516650.59	715912.07	
8672.00	72.08	91.71	8431.38	19.29	568.80	9.80	568.80	516649.89	715941.30	
8704.00	74.86	91.86	8440.48	18.33	599.46	8.70	599.46	516648.93	715971.96	
8735.00	76.87	91.80	8448.05	17.37	629.50	6.49	629.50	516647.97	716002.00	
8767.00	77.96	92.02	8455.02	16.33	660.71	3.47	660.71	516646.93	716033.21	
8798.00	80.20	92.09	8460.90	15.24	691.13	7.23	691.13	516645.84	716063.63	
8830.00	81.58	91.54	8465.96	14.24	722.71	4.63	722.71	516644.84	716095.21	
8861.00	82.99	90.92	8470.12	13.58	753.42	4.96	753.42	516644.18	716125.92	
8893.00	83.06	90.42	8474.01	13.21	785.18	1.57	785.18	516643.81	716157.68	
8924.00	83.34	90.10	8477.68	13.07	815.97	1.37	815.97	516643.67	716188.47	
8956.00	83.76	89.85	8481.28	13.08	847.76	1.52	847.76	516643.68	716220.26	
8987.00	84.40	89.41	8484.47	13.28	878.60	2.50	878.60	516643.88	716251.10	
9019.00	85.24	89.46	8487.36	13.60	910.46	2.63	910.46	516644.20	716282.96	
9050.00	86.22	89.88	8489.67	13.77	941.38	3.44	941.38	516644.37	716313.88	
9082.00	87.41	89.47	8491.45	13.96	973.33	3.93	973.33	516644.56	716345.83	
9113.00	88.25	89.98	8492.62	14.10	1004.30	3.17	1004.30	516644.70	716376.80	
9208.00	89.23	89.90	8494.71	14.20	1099.28	1.04	1099.28	516644.80	716471.78	
9303.00	90.56	91.04	8494.88	13.42	1194.27	1.84	1194.27	516644.02	716566.77	
9397.00	90.00	88.86	8494.43	13.51	1288.27	2.39	1288.27	516644.11	716660.77	
9492.00	90.00	88.85	8494.43	15.40	1383.25	0.01	1383.25	516646.00	716755.75	
9586.00	91.61	89.13	8493.10	17.06	1477.22	1.74	1477.22	516647.66	716849.72	
9681.00	91.54	89.46	8490.49	18.23	1572.18	0.35	1572.18	516648.83	716944.68	
9775.00	90.42	88.78	8488.89	19.67	1666.15	1.39	1666.15	516650.27	717038.65	
9870.00	92.24	88.55	8486.68	21.89	1761.09	1.93	1761.09	516652.49	717133.59	



Weatherford International Ltd.

WFT Survey Report X & Y's



Weatherford

Company: Occidental Permian Ltd.
Field: Lea Co. New Mexico (Nad 27)
Site: Bootleg Gin Federal Com #1H
Well: #1H
Wellpath: Lateral

Date: 9/13/2012 Time: 10:19:44 Page: 4
Co-ordinate(N/E) Reference: Well: #1H, Grid North
Vertical (TVD) Reference: SITE 3668.5
Section (VS) Reference: Well (0.00N,0.00E,90.00Azi)
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
9965.00	90.21	87.68	8484.65	25.01	1856.01	2.32	1856.01	516655.61	717228.51	
10059.00	89.02	87.10	8485.28	29.29	1949.91	1.41	1949.91	516659.89	717322.41	
10154.00	87.41	86.93	8488.24	34.24	2044.73	1.70	2044.73	516664.84	717417.23	
10248.00	87.83	86.54	8492.14	39.58	2138.50	0.61	2138.50	516670.18	717511.00	
10343.00	87.90	87.09	8495.68	44.86	2233.29	0.58	2233.29	516675.46	717605.79	
10438.00	88.25	88.62	8498.87	48.41	2328.16	1.65	2328.16	516679.01	717700.66	
10532.00	88.25	88.98	8501.75	50.38	2422.10	0.38	2422.10	516680.98	717794.60	
10627.00	88.53	90.62	8504.41	50.71	2517.06	1.75	2517.06	516681.31	717889.56	
10722.00	91.47	90.60	8504.41	49.70	2612.04	3.09	2612.04	516680.30	717984.54	
10816.00	91.54	91.47	8501.95	48.00	2705.99	0.93	2705.99	516678.60	718078.49	
10911.00	89.93	91.16	8500.73	45.82	2800.96	1.73	2800.96	516676.42	718173.46	
11006.00	90.84	91.05	8500.09	43.99	2895.94	0.96	2895.94	516674.59	718268.44	
11100.00	88.95	90.38	8500.26	42.82	2989.93	2.13	2989.93	516673.42	718362.43	
11195.00	89.93	90.32	8501.19	42.24	3084.92	1.03	3084.92	516672.84	718457.42	
11289.00	89.37	90.32	8501.76	41.71	3178.91	0.60	3178.91	516672.31	718551.41	
11384.00	90.98	89.98	8501.47	41.46	3273.91	1.73	3273.91	516672.06	718646.41	
11479.00	90.49	90.00	8500.25	41.48	3368.90	0.52	3368.90	516672.08	718741.40	
11573.00	91.33	90.69	8498.76	40.91	3462.89	1.16	3462.89	516671.51	718835.39	
11668.00	90.77	89.69	8497.02	40.60	3557.87	1.21	3557.87	516671.20	718930.37	
11762.00	89.23	89.89	8497.02	40.94	3651.87	1.65	3651.87	516671.54	719024.37	
11857.00	88.67	90.04	8498.76	41.00	3746.85	0.61	3746.85	516671.60	719119.35	
11951.00	86.15	89.83	8503.01	41.11	3840.75	2.69	3840.75	516671.71	719213.25	
12046.00	87.90	89.75	8507.94	41.46	3935.61	1.84	3935.61	516672.06	719308.11	
12140.00	87.90	89.27	8511.38	42.26	4029.55	0.51	4029.55	516672.86	719402.05	
12235.00	89.44	88.21	8513.59	44.35	4124.49	1.97	4124.49	516674.95	719496.99	
12329.00	90.00	87.86	8514.05	47.57	4218.44	0.70	4218.44	516678.17	719590.94	
12424.00	89.37	87.14	8514.57	51.72	4313.34	1.01	4313.34	516682.32	719685.84	
12519.00	90.56	88.54	8514.63	55.30	4408.27	1.93	4408.27	516685.90	719780.77	
12613.00	91.47	88.30	8512.96	57.89	4502.22	1.00	4502.22	516688.49	719874.72	
12675.00	92.45	88.22	8510.84	59.77	4564.15	1.59	4564.15	516690.37	719936.65	Last Wft Svy
12735.00	92.45	88.22	8508.28	61.63	4624.07	0.00	4624.07	516692.23	719996.57	Proj. to Bit
12755.95	92.45	88.22	8507.38	62.28	4644.99	0.00	4644.99	516692.88	720017.49	

Annotation

MD ft	TVD ft	
177.00	177.00	First Extreme Svy
4630.00	4628.50	Last Extreme Svy
7775.00	7772.94	Tie on Pilot
7821.00	7818.89	First Wft Svy
12675.00	8510.84	Last Wft Svy
12735.00	8508.28	Proj. to Bit

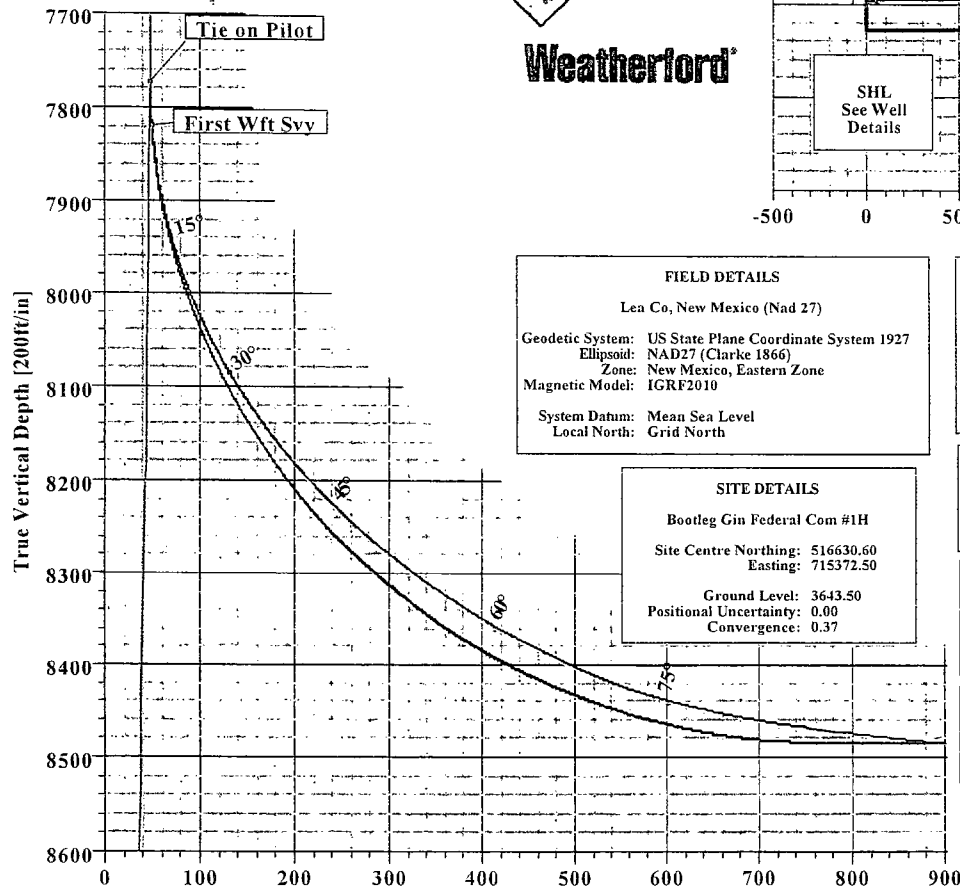
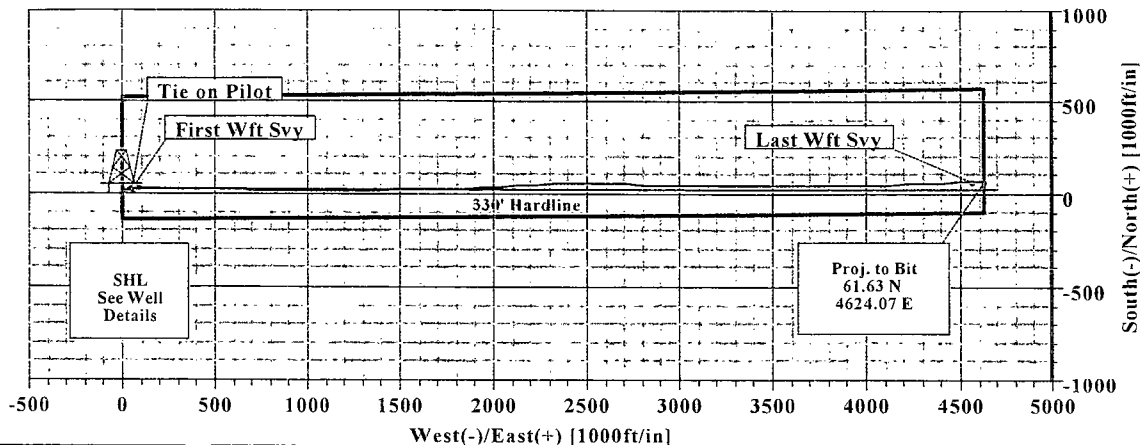


Occidental Permian Ltd.
Bootleg Gin Federal Com #1H
Lea Co, New Mexico

KB ELEV: 3668.50
GL ELEV: 3643.50



Weatherford



FIELD DETAILS	
Lea Co, New Mexico (Nad 27)	
Geodetic System:	US State Plane Coordinate System 1927
Ellipsoid:	NAD27 (Clarke 1866)
Zone:	New Mexico, Eastern Zone
Magnetic Model:	IGRF2010
System Datum:	Mean Sea Level
Local North:	Grid North

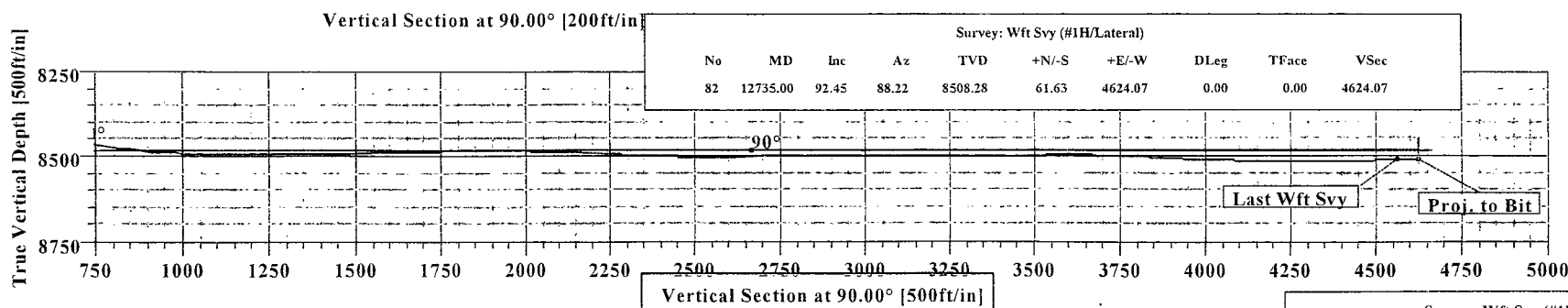
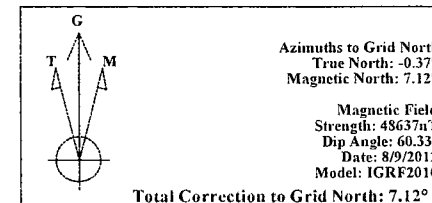
SITE DETAILS	
Bootleg Gin Federal Com #1H	
Site Centre Northing:	516630.60
Easting:	715372.50
Ground Level:	3643.50
Positional Uncertainty:	0.00
Convergence:	0.37

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	7775.00	1.11	209.15	7772.94	25.09	47.66	0.00	0.00	47.66	
2	7783.14	1.10	209.22	7781.08	24.95	47.58	0.07	164.64	47.58	
3	7794.64	2.30	90.00	7792.57	24.86	47.76	26.09	222.04	47.76	
4	7799.64	2.30	90.00	7797.57	24.86	47.96	0.00	0.00	47.96	
5	8895.86	90.00	90.00	8485.00	24.88	763.58	8.00	0.00	763.58	
6	12755.95	90.00	90.00	8485.00	25.02	4623.67	0.00	0.00	4623.67	Pbhl

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#1H	0.00	0.00	516630.60	715372.50	32°25'06.233N	103°38'07.407W	N/A

TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape	
Pbhl	8485.00	25.02	4623.67	516655.62	719996.17	Point	

LEGEND	
	#1H, Lateral, Plan #7
	#1H (Pilot Hole)
	Lateral Wft Svy



Survey: Wft Svy (#1H/Lateral)										
No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	
82	12735.00	92.45	88.22	8508.28	61.63	4624.07	0.00	0.00	4624.07	

Last Wft Svy
Proj. to Bit



Reservoir Development

Drilling & Measurements (Extreme Engineering)
6724 Corporation Pkwy Suite 100
Fort Worth, TX 76126
Phone: (817) 717-1820
Fax: (817) 546-7551

September 14, 2012

Occidental Permian Ltd
5 Greenway Plaza Suite 110
Houston, Texas 77046

SUR: L - 01-22s-32e, 1800/S & 330/W
BHL: I - 01-22s-32e, 1862/S & 4954/W
API # 30-025-40306

Attention: Luis Tarazona

Re:

CLIENT: OXY Permian
WELL: ~~Bootleg Gin Fed Com 1H~~
FIELD: Permian Basin *Speak Easy Unit*
RIG: H&P 370 *#2H*
COUNTY: Lea
API NO: 30-025-40306
JOB NO: NM-OXY-0010

Enclosed, please find the original copy of the survey performed on the referenced well by Drilling & Measurements (formerly Extreme), a division of Schlumberger Technology Corporation (P-5 No. 754900). Other information required by your office is as follows.

<u>Name & Title of Surveyor</u>	<u>Drainhole Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Dillon Ash FST-1	Bootleg Gin Fed Com 1H Original Hole	177.00 Ft to 4645.00 Ft	August 6, 2012 to August 13, 2012	SlimPulse

A plat of the bottom hole location is oriented both to the surface location and to the lease lines (or until line in case of pooling), is attached to the survey report.

If any other information is required, please contact the undersigned at the above letterhead and phone number.
Sincerely,

Scott Haymond
Field Service Manager

CC: OXY Permian
Enclosures: [2]
County of Lea
State of New Mexico

Reservoir Development

Drilling & Measurements (Extreme Engineering)

6724 Corporation Pkwy Suite 100

Fort Worth, TX 76126

Phone: (817) 717-1820

Fax: (817) 546-7551

I, Dillon Ash certify that; I am employed by Drilling & Measurements (formerly Extreme), a division of Schlumberger Technology Corporation; that I did on the day(s) of August 06, 2012 through August 13, 2012, conduct or supervise the taking of the SlimPulse surveys from a depth of 177.00 feet to a depth of 4645.00 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of OXY Permain for the Bootleg Gin Fed Com 1H Well (Original Hole) API No. 30-025-40306 in New Mexico; and that I have reviewed this report and find that it conforms to the principals and procedures as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation.

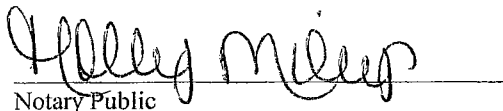


Dillon Ash

FST-1

Before me, Dillon Ash, on this day personally appeared Dillon Ash, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 17 day of Sept., (year) 2012



Notary Public



Bootleg Ginn #1H MWD 0' to 4645' Survey Report

(Def Survey)

Report Date: August 13, 2012 - 01:11 PM
 Client: Oxy Permian
 Field: NM, Lea (NAD27) 2011
 Structure / Slot: Oxy Permian (Bootleg Ginn #1H) H&P 370 / Bootleg Ginn #1H
 Well: Bootleg Ginn #1H
 Borehole: Original Hole
 UWI / API#: NM-OXY-0010 / 30-025-40305
 Survey Name: Bootleg Ginn #1H MWD 0' to 4645'
 Survey Date: August 07, 2012
 Tort / AHD / DDI / ERD Ratio: 13.911 ° / 111.353 ft / 3.190 / 0.024
 Coordinate Reference System: NAD27 New Mexico State Plane, Central Zone, US Feet
 Location Lat / Long: N 32° 25' 6.23300", W 103° 38' 7.40700"
 Location Grid N/E Y/X: N 525797.202 ftUS, E 1306925.605 ftUS
 CRS Grid Convergence Angle: 1.40239021 °
 Grid Scale Factor: 1.00084581

Survey / DLS Computation: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 0.000 ° (Grid North)
 Vertical Section Origin: 0.000 ft, 0.000 ft
 TVD Reference Datum: RKB
 TVD Reference Elevation: 3668.000 ft above Unknown
 Seabed / Ground Elevation: 3643.000 ft above Unknown
 Magnetic Declination: 7.416 °
 Total Field Strength: 48604.727 nT
 Magnetic Dip Angle: 60.293 °
 Declination Date: August 07, 2012
 Magnetic Declination Model: BGGM 2012
 North Reference: Grid North
 Grid Convergence Used: 0.374 °
 Total Corr Mag North->Grid North: 7.042 °
 Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	525797.20	1306925.61	N 32 25 6.23	W 103 38 7.41
Assumed Vertical	100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	525797.20	1306925.61	N 32 25 6.23	W 103 38 7.41
Begin MWD Survey	177.00	0.22	98.45	177.00	-0.02	-0.02	0.15	0.29	525797.18	1306925.75	N 32 25 6.23	W 103 38 7.41
	269.00	0.00	258.85	269.00	-0.05	-0.05	0.32	0.24	525797.15	1306925.93	N 32 25 6.23	W 103 38 7.40
	369.00	0.40	196.45	369.00	-0.38	-0.38	0.22	0.40	525796.82	1306925.83	N 32 25 6.23	W 103 38 7.40
	469.00	0.70	208.86	468.99	-1.26	-1.26	-0.15	0.31	525795.84	1306925.45	N 32 25 6.22	W 103 38 7.41
	569.00	1.10	211.43	568.98	-2.63	-2.63	-0.93	0.41	525794.57	1306924.68	N 32 25 6.21	W 103 38 7.42
	669.00	1.32	212.93	668.96	-4.41	-4.41	-2.06	0.22	525792.79	1306923.55	N 32 25 6.19	W 103 38 7.43
	769.00	1.32	224.35	768.93	-6.20	-6.20	-3.49	0.26	525791.00	1306922.12	N 32 25 6.17	W 103 38 7.45
	869.00	1.41	224.44	868.90	-7.90	-7.90	-5.15	0.09	525789.29	1306920.45	N 32 25 6.16	W 103 38 7.47
	969.00	1.32	230.02	968.88	-9.52	-9.52	-6.90	0.16	525787.87	1306918.70	N 32 25 6.14	W 103 38 7.49
	990.00	1.19	229.14	989.87	-9.82	-9.82	-7.25	0.63	525787.38	1306918.35	N 32 25 6.14	W 103 38 7.49
	1035.00	1.71	226.72	1034.86	-10.59	-10.59	-8.09	1.16	525786.61	1306917.51	N 32 25 6.13	W 103 38 7.50
	1130.00	1.41	237.14	1129.82	-12.19	-12.19	-10.10	0.43	525785.00	1306915.49	N 32 25 6.11	W 103 38 7.53
	1224.00	0.31	302.13	1223.81	-12.69	-12.69	-11.29	1.39	525784.51	1306914.31	N 32 25 6.11	W 103 38 7.54
	1319.00	1.01	38.73	1318.81	-11.90	-11.90	-10.98	1.15	525785.30	1306914.61	N 32 25 6.12	W 103 38 7.54
	1413.00	1.49	53.36	1412.78	-10.52	-10.52	-9.49	0.61	525786.68	1306916.11	N 32 25 6.13	W 103 38 7.52
	1508.00	1.71	51.56	1507.75	-8.90	-8.90	-7.38	0.24	525788.30	1306918.22	N 32 25 6.15	W 103 38 7.50
	1602.00	1.49	48.13	1601.71	-7.21	-7.21	-5.38	0.26	525789.98	1306920.23	N 32 25 6.16	W 103 38 7.47
	1697.00	1.58	46.55	1696.68	-5.49	-5.49	-3.51	0.10	525791.71	1306922.10	N 32 25 6.18	W 103 38 7.45
	1792.00	1.71	50.64	1791.64	-3.69	-3.69	-1.46	0.18	525793.51	1306924.15	N 32 25 6.20	W 103 38 7.43
	1886.00	1.71	45.14	1885.59	-1.81	-1.81	0.62	0.17	525795.39	1306926.23	N 32 25 6.21	W 103 38 7.40
	1980.00	1.80	46.46	1979.55	0.20	0.20	2.68	0.10	525797.40	1306928.29	N 32 25 6.23	W 103 38 7.38
	2074.00	1.89	36.75	2073.50	2.45	2.45	4.68	0.35	525799.66	1306930.29	N 32 25 6.26	W 103 38 7.35
	2169.00	2.11	38.64	2168.44	5.08	5.08	6.71	0.24	525802.28	1306932.32	N 32 25 6.28	W 103 38 7.33
	2264.00	1.89	43.56	2263.39	7.58	7.58	8.88	0.29	525804.78	1306934.49	N 32 25 6.31	W 103 38 7.30
	2358.00	1.71	58.94	2357.34	9.42	9.42	11.15	0.55	525806.63	1306936.76	N 32 25 6.32	W 103 38 7.27
	2453.00	1.80	66.24	2452.30	10.76	10.76	13.73	0.25	525807.97	1306939.35	N 32 25 6.34	W 103 38 7.24
	2548.00	1.80	61.64	2547.25	12.06	12.06	16.41	0.15	525809.27	1306942.03	N 32 25 6.35	W 103 38 7.21
	2642.00	1.71	72.96	2641.20	13.17	13.17	19.06	0.37	525810.38	1306944.67	N 32 25 6.36	W 103 38 7.18
	2737.00	1.80	68.83	2736.16	14.12	14.12	21.80	0.16	525811.34	1306947.42	N 32 25 6.37	W 103 38 7.15
	2832.00	1.80	67.86	2831.11	15.23	15.23	24.58	0.03	525812.44	1306950.20	N 32 25 6.38	W 103 38 7.12
	2927.00	1.49	58.63	2926.07	16.43	16.43	27.01	0.43	525813.64	1306952.63	N 32 25 6.39	W 103 38 7.09
	3022.00	1.19	39.34	3021.05	17.84	17.84	28.69	0.57	525815.05	1306954.32	N 32 25 6.40	W 103 38 7.07
	3116.00	1.19	36.35	3115.03	19.38	19.38	28.89	0.07	525816.59	1306955.51	N 32 25 6.42	W 103 38 7.05
	3211.00	1.49	41.63	3210.00	21.10	21.10	31.29	0.34	525818.31	1306956.92	N 32 25 6.43	W 103 38 7.04
	3305.00	1.49	47.65	3303.97	22.83	22.83	33.01	0.17	525820.05	1306958.64	N 32 25 6.45	W 103 38 7.02
	3400.00	1.58	66.50	3398.94	24.19	24.19	35.12	0.54	525821.40	1306960.75	N 32 25 6.46	W 103 38 6.99
	3495.00	1.71	65.53	3493.90	25.30	25.30	37.61	0.14	525822.51	1306963.24	N 32 25 6.47	W 103 38 6.96
	3589.00	1.71	54.63	3587.86	26.69	26.69	40.03	0.35	525823.91	1306965.67	N 32 25 6.49	W 103 38 6.93
	3684.00	1.71	50.72	3682.81	28.41	28.41	42.29	0.12	525825.63	1306967.92	N 32 25 6.50	W 103 38 6.91
	3778.00	1.58	52.63	3776.78	30.08	30.08	44.40	0.15	525827.30	1306970.04	N 32 25 6.52	W 103 38 6.88
	3873.00	1.32	54.06	3871.74	31.52	31.52	46.33	0.28	525828.74	1306971.97	N 32 25 6.53	W 103 38 6.86
	3968.00	1.10	54.85	3966.72	32.69	32.69	47.96	0.23	525829.91	1306973.80	N 32 25 6.54	W 103 38 6.84
	4062.00	1.32	62.63	4060.70	33.70	33.70	49.66	0.29	525830.93	1306975.30	N 32 25 6.55	W 103 38 6.82
	4157.00	1.49	68.35	4155.67	34.66	34.66	51.78	0.23	525831.89	1306977.42	N 32 25 6.56	W 103 38 6.79
	4251.00	1.58	66.32	4249.64	35.63	35.63	54.10	0.11	525832.86	1306978.74	N 32 25 6.57	W 103 38 6.77
	4346.00	1.49	61.14	4344.61	36.75	36.75	56.38	0.17	525833.98	1306982.03	N 32 25 6.58	W 103 38 6.74
	4441.00	1.49	61.45	4439.57	37.94	37.94	58.55	0.01	525835.17	1306984.19	N 32 25 6.59	W 103 38 6.71
	4535.00	1.58	59.64	4533.54	39.18	39.18	60.74	0.11	525836.41	1306986.39	N 32 25 6.61	W 103 38 6.69
	4630.00	1.71	62.15	4628.50	40.50	40.50	63.13	0.16	525837.73	1306988.77	N 32 25 6.62	W 103 38 6.66
End MWD Survey	4645.00	1.80	62.15	4643.49	40.72	40.72	63.53	0.60	525837.95	1306989.18	N 32 25 6.62	W 103 38 6.65

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma

Survey Program:

Description	MD From (ft)	MD To (ft)	EOU Freq (ft)	Survey Tool Type	Borehole / Survey
	0.000	25.000	Act Stns	SLB_BLIND+TREND-Depth Only	Original Hole / Bootleg Ginn #1H MWD 0' to 4645'
	25.000	25.000	Act Stns	SLB_BLIND+TREND-Depth Only	Original Hole / Bootleg Ginn #1H MWD 0' to 4645'
	25.000	100.000	Act Stns	SLB_BLIND+TREND	Original Hole / Bootleg Ginn #1H MWD 0' to 4645'
	100.000	4645.000	Act Stns	SLB_MWD-STD	Original Hole / Bootleg Ginn #1H MWD 0' to 4645'