

Schlumberger Drilling and Measurements
Drilling Group
Geo Market Area: South West Texas Basin
7220 W I-H 20
Midland, Texas 79706
Phone : (432) 742-5400 (Main)
Fax : (432) 742-5606 (Shared)

Schlumberger

30-015-44459

March 1, 2018

RECEIVED

Oxy USA Inc.

MAR 18 2019

DISTRICT II-ARTESIA O.C.D.

Re:

CLIENT: Oxy USA Inc.
WELL: Patton MDP1 17 Federal 1H
FIELD: Cotton Draw Bone Spring

RIG: H&P 617
COUNTY: Eddy
API NO: 30-015-44459
JOB NO: 18MLD2091

8, 24 South, 31 East, Eddy NM
-32.22506 -103.80566

Enclosed, please find the original copy of the survey performed on the referenced well by Drilling & Measurements, 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>
Tyler Matthews FET	Patton MDP1 17 Federal 1H Original Hole	4296.00 Ft to 14986.00 Ft	February 2, 2018 to February 8, 2018	TelePacer SlimPulse

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

Field Service Manager

Schlumberger Drilling and Measurements
Drilling Group
Geo Market Area: South West Texas Basin
7220 W I-H 20
Midland, Texas 79706
Phone : (432) 742-5400 (Main)
Fax : (432) 742-5606 (Shared)

Schlumberger

Well Reference:
B, 24 South, 31 East, Eddy NM
-32.22506 -103.80566

I, Tyler Matthews certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of February 02, 2018 through February 08, 2018, conduct or supervise the taking of the TelePacer & SlimPulse surveys from a depth of 4296.00 feet to a depth of 14986.00 feet referenced to driller's depth; 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 USA Inc. for the Patton MDP1 17 Federal 1H Well (Original Hole) API No. 30-015-44459 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.

By
Tyler Matthews
FET

Tyler Matthews

Subscribed and Sworn to before me this 15th day of March (month) 2018 (yr)

My Commission expires:

12-20-2020

J. Allemand

Notary Public

Adams County Colorado
(County State)

JENNIFER ALLEMAND Notary Public (signature) State of Colorado Notary ID # 20164047962 My Commission Expires 12-20-2020
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Schlumberger

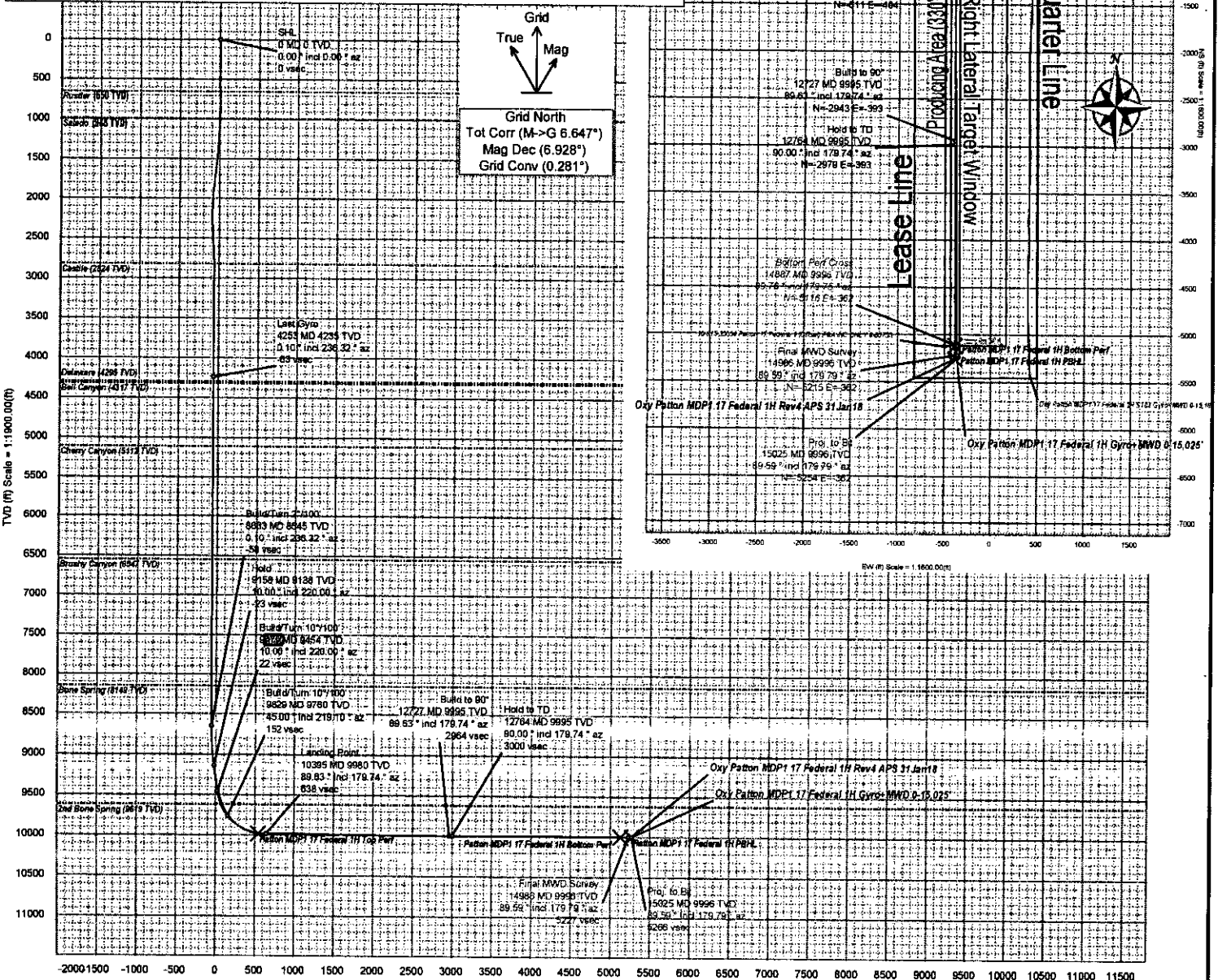
OXY



Borehole:	Well:	Field:	Structure:
Original Borehole	Oxy Patton MDP1 17 Federal 1H	NM Eddy County (NAD 83)	Oxy Patton MDP1 17 Federal 1H

Gravity & Magnetic Parameters	Surface Location	Miscellaneous
Model: HOIM 2017 Dip: 66.811° Date: 28-Jan-2018	NAD83 New Mexico State Plane, Eastern Zone, US Feet	Slot: Oxy Patton MDP1 17 Federal 1H TVD Ref: RKB-26.5' (36061' above MSL)
MagDec: 6.928° FS: 48556.78mT Gravity FS: 968.428m/s² (9.80665 m/s²)	Lat: N 32 13 30.32 Northing: 448011.48RUS Grid Conv: 0.2814°	Plan: Oxy Patton MDP1 17 Federal 1H Rev4 APS 31 Jan 18
	Lon: W 103 48 20.28 Easting: 704811.48RUS Scale Fact: 0.9999988	

Critical Point	MD	INCL	AZIM	TVD	VSEC	N(°)S(-)	E(°)W(-)	DLS
Rustler	650.01	0.59	161.43	650.00	1.48	-1.36	-1.73	0.54
Salado	868.47	6.17	74.67	968.00	-0.80	-0.07	11.88	2.82
Castle	2841.52	3.15	254.17	2824.00	-64.35	71.17	-91.35	3.02
Tie In	4253.00	0.10	236.32	4235.42	-62.94	70.13	-96.43	
Delaware	4312.58	0.10	236.32	4295.00	-62.88	70.07	-96.52	0.00
Bell Canyon	4334.58	0.10	236.32	4317.00	-62.86	70.05	-96.55	0.00
PTB	4410.00	0.10	236.32	4392.42	-62.78	69.97	-96.68	0.00
Cherry Canyon	5128.58	0.10	236.32	5112.00	-62.00	69.28	-97.70	0.00
Brushy Canyon	6564.59	0.10	236.32	6547.00	-60.47	67.89	-99.79	0.00
Bone Spring	8168.59	0.10	236.32	8149.00	-58.75	66.34	-102.11	0.00
Build/Turn 2°/100'	8662.59	0.10	236.32	8645.00	-58.22	65.86	-102.83	0.00
Hold	9157.79	10.00	220.00	9137.67	-23.01	32.60	-130.90	2.00
Build/Turn 10°/100'	9479.47	10.00	220.00	9454.48	22.27	-10.19	-186.81	0.00
2nd Bone Spring	9653.87	27.44	219.28	9619.00	67.77	-53.23	-202.25	10.00
Build/Turn 10°/100'	9629.49	45.00	219.10	9760.12	152.42	-133.38	-267.54	10.00
Planned Top Perf Cross	10295.85	81.29	185.11	9972.15	539.67	-512.03	-399.42	10.00
Landing Point	10394.98	89.63	179.74	9980.00	638.32	-610.64	-403.57	10.00
Build to 90°	12727.22	89.63	179.74	9994.88	2963.57	-2942.81	-393.00	0.00
Hold to TD	12763.75	90.00	179.74	9995.00	3000.00	-2979.35	-392.83	1.00
Planned Bottom Perf Cross	14900.58	90.00	179.74	9995.00	5130.46	-5118.15	-383.10	0.00
Patton MDP1 17 Federal 1H	15040.58	90.00	179.74	9995.00	5270.04	-5256.15	-382.46	0.00
PBHL								
Wolfcamp	NaN			11534.00				



Oxy Patton MDP1 17 Federal 1H Gyro+MWD 0-15,025' Survey Geodetic Report (Def Survey)



Report Date: February 09, 2018 - 09:56 PM Client: OXY Field: NM Eddy County (NAD 83) Structure / Slot: Oxy Patton MDP1 17 Federal 1H / Oxy Patton MDP1 17 Federal 1H Well: Oxy Patton MDP1 17 Federal 1H Borehole: Original Borehole UWI / API#: Unknown / Unknown Survey Name: Oxy Patton MDP1 17 Federal 1H Gyro+MWD 0-15,025' Survey Date: January 29, 2018 Tort / AHD / DDI / ERD Ratio: 187.786' / 5677.789 ft / 6.205 / 0.568 Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet Location Lat / Long: N 32° 13' 30.21743", W 103° 48' 20.35577" Location Grid N/E Y/X: N 46011.460 NUS, E 704511.860 NUS CRS Grid Convergence Angle: 0.2814° Grid Scale Factor: 0.9993959 Version / Patch: 2.10.706.0	Survey / DLS Computation: Minimum Curvature / Lubinski Vertical Section Azimuth: 184.162° (Grid North) Vertical Section Origin: 0.000 ft, 0.000 ft TVD Reference Datum: RKB=26.5' TVD Reference Elevation: 3556.000 ft above MSL Seabed / Ground Elevation: 3529.500 ft above MSL Magnetic Declination: 6.928° Total Gravity Field Strength: 998.4287 mgn (9.80665 Based) Gravity Model: GARM Total Magnetic Field Strength: 48050.789 nT Magnetic Dip Angle: 59.981° Declination Date: January 29, 2018 Magnetic Declination Model: HDGM 2017 North Reference: Grid North Grid Convergence Used: 0.2814° Total Corr Mag North->Grid North: 6.6468° Local Coord Referenced To: Well Head
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Comments	MD (ft)	Incl (°)	Azlm Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
SHL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	446011.46	704511.86	N 32 13 30.22	W 103 48 20.36
	83.00	0.35	273.31	83.00	0.00	0.01	-0.25	0.42	446011.47	704511.61	N 32 13 30.22	W 103 48 20.36
	143.00	0.49	313.66	143.00	-0.16	0.20	-0.62	0.53	446011.66	704511.24	N 32 13 30.22	W 103 48 20.36
	204.00	0.41	276.21	204.00	-0.33	0.41	-1.03	0.49	446011.87	704510.83	N 32 13 30.22	W 103 48 20.37
	266.00	0.23	295.93	266.00	-0.38	0.48	-1.36	0.34	446011.94	704510.50	N 32 13 30.22	W 103 48 20.37
	358.00	0.27	172.09	357.99	-0.24	0.35	-1.50	0.48	446011.81	704510.35	N 32 13 30.22	W 103 48 20.37
	449.00	0.28	223.17	448.99	0.14	-0.02	-1.82	0.26	446011.44	704510.24	N 32 13 30.22	W 103 48 20.37
	540.00	0.35	187.76	539.99	0.59	-0.46	-1.81	0.22	446011.00	704510.05	N 32 13 30.21	W 103 48 20.38
	631.00	0.56	171.19	630.99	1.30	-1.18	-1.78	0.27	446010.28	704510.08	N 32 13 30.21	W 103 48 20.38
	721.00	0.81	135.49	720.98	2.15	-2.06	-1.26	0.54	446009.40	704510.60	N 32 13 30.20	W 103 48 20.37
	813.00	1.69	93.60	812.96	2.57	-2.61	0.55	1.32	446008.85	704512.41	N 32 13 30.19	W 103 48 20.35
	904.00	3.79	75.71	903.85	1.60	-1.96	4.80	2.46	446009.50	704516.66	N 32 13 30.20	W 103 48 20.30
	996.00	6.38	74.62	995.48	-1.07	0.15	12.68	2.82	446011.61	704524.54	N 32 13 30.22	W 103 48 20.21
	1088.00	9.00	77.38	1086.65	-4.86	3.08	24.63	2.88	446017.55	704536.49	N 32 13 30.25	W 103 48 20.07
	1179.00	9.22	78.45	1176.50	-8.89	5.09	36.72	0.31	446017.35	704550.58	N 32 13 30.28	W 103 48 19.90
	1272.00	6.90	85.45	1268.58	-13.59	9.91	51.10	3.16	446021.37	704562.96	N 32 13 30.31	W 103 48 19.76
	1364.00	5.30	40.93	1360.08	-19.65	15.42	58.91	3.28	446026.87	704570.77	N 32 13 30.37	W 103 48 19.67
	1456.00	5.14	7.08	1450.72	-27.09	22.64	62.17	3.34	446034.10	704574.03	N 32 13 30.44	W 103 48 19.63
	1547.00	6.61	340.00	1542.25	-36.04	31.71	60.87	3.37	446043.16	704572.72	N 32 13 30.53	W 103 48 19.65
	1638.00	8.66	326.54	1632.45	-48.25	42.34	55.30	2.97	446053.80	704567.15	N 32 13 30.63	W 103 48 19.71
	1733.00	9.57	317.57	1726.25	-57.34	54.14	46.02	1.77	446065.60	704557.88	N 32 13 30.75	W 103 48 19.82
	1828.00	9.82	312.24	1819.90	-67.76	65.42	34.70	0.98	446076.87	704546.56	N 32 13 30.86	W 103 48 19.95
	1922.00	9.13	304.62	1912.62	-76.49	75.04	22.63	1.52	446086.50	704534.49	N 32 13 30.96	W 103 48 20.09
	2017.00	8.39	297.17	2006.51	-83.02	82.49	10.26	1.42	446093.94	704522.12	N 32 13 31.03	W 103 48 20.23
	2111.00	7.82	286.26	2099.58	-87.04	87.41	-1.98	1.74	446098.87	704509.88	N 32 13 31.08	W 103 48 20.37
	2206.00	7.46	277.13	2193.74	-88.71	89.98	-14.31	1.33	446101.44	704497.55	N 32 13 31.11	W 103 48 20.52
	2301.00	7.63	269.14	2287.92	-88.37	90.55	-26.73	1.25	446102.00	704485.13	N 32 13 31.11	W 103 48 20.66
	2395.00	7.88	260.10	2381.06	-86.15	89.24	-39.32	1.18	446100.69	704472.55	N 32 13 31.10	W 103 48 20.81
	2490.00	8.47	249.94	2475.10	-81.70	85.72	-52.30	1.64	446097.17	704459.56	N 32 13 31.07	W 103 48 20.96
	2585.00	8.40	249.09	2569.07	-75.88	80.84	-65.36	0.15	446092.30	704446.51	N 32 13 31.02	W 103 48 21.11
	2679.00	7.11	248.37	2662.21	-70.44	78.25	-77.18	1.38	446087.70	704434.68	N 32 13 30.98	W 103 48 21.25
	2774.00	5.17	250.84	2756.66	-66.19	72.67	-86.69	2.06	446084.13	704425.18	N 32 13 30.94	W 103 48 21.36
	2868.00	2.36	257.03	2850.45	-63.94	70.85	-92.58	3.02	446082.30	704419.29	N 32 13 30.92	W 103 48 21.43
	2963.00	0.32	281.06	2945.42	-63.40	70.46	-94.74	2.18	446081.92	704417.12	N 32 13 30.92	W 103 48 21.45
	3057.00	0.05	318.15	3039.42	-63.46	70.54	-95.03	0.30	446082.00	704416.84	N 32 13 30.92	W 103 48 21.46
	3152.00	0.08	287.33	3134.42	-63.50	70.59	-95.12	0.05	446082.05	704416.75	N 32 13 30.92	W 103 48 21.46
	3247.00	0.12	302.82	3229.42	-63.57	70.67	-95.27	0.05	446082.12	704416.60	N 32 13 30.92	W 103 48 21.46
	3342.00	0.17	311.41	3324.42	-63.70	70.81	-95.46	0.06	446082.27	704416.41	N 32 13 30.92	W 103 48 21.46
	3436.00	0.11	307.73	3418.42	-63.83	70.96	-95.63	0.06	446082.42	704416.23	N 32 13 30.92	W 103 48 21.46
	3531.00	0.02	148.31	3513.42	-63.87	71.00	-95.70	0.14	446082.46	704416.17	N 32 13 30.92	W 103 48 21.47
	3625.00	0.15	187.87	3607.42	-63.73	70.87	-95.70	0.14	446082.32	704416.16	N 32 13 30.92	W 103 48 21.47
	3720.00	0.04	233.43	3702.42	-63.59	70.72	-95.75	0.13	446082.18	704416.12	N 32 13 30.92	W 103 48 21.47
	3814.00	0.09	214.16	3796.42	-63.50	70.64	-95.82	0.06	446082.10	704416.05	N 32 13 30.92	W 103 48 21.47
	3909.00	0.10	222.63	3891.42	-63.37	70.52	-95.91	0.02	446081.98	704415.95	N 32 13 30.92	W 103 48 21.47
	4003.00	0.16	235.46	3985.42	-63.23	70.39	-96.08	0.07	446081.84	704415.79	N 32 13 30.92	W 103 48 21.47
	4098.00	0.09	241.60	4080.42	-63.10	70.27	-96.25	0.07	446081.73	704415.61	N 32 13 30.92	W 103 48 21.47
	4193.00	0.08	219.21	4175.42	-63.01	70.19	-96.38	0.04	446081.64	704415.51	N 32 13 30.92	W 103 48 21.47
	4283.00	0.10	236.32	4235.42	-62.94	70.13	-96.43	0.06	446081.58	704415.44	N 32 13 30.92	W 103 48 21.47
	4396.00	0.06	204.07	4278.42	-62.80	70.08	-96.47	0.14	446081.54	704415.40	N 32 13 30.92	W 103 48 21.47
	4482.00	0.18	84.41	4464.42	-62.86	70.02	-96.22	0.12	446081.48	704415.35	N 32 13 30.92	W 103 48 21.47
	4578.00	0.08	343.47	4558.42	-62.94	70.10	-96.09	0.22	446081.56	704415.78	N 32 13 30.92	W 103 48 21.47
	4671.00	0.08	128.75	4653.42	-62.97	70.12	-96.06	0.16	446081.58	704415.81	N 32 13 30.92	W 103 48 21.47
	4765.00	0.06	238.82	4747.42	-62.90	70.06	-96.05	0.12	446081.51	704415.82	N 32 13 30.92	W 103 48 21.47
	4860.00	0.13	94.36	4842.42	-62.87	70.02	-95.98	0.19	446081.48	704415.88	N 32 13 30.91	W 103 48 21.47
	4954.00	0.08	230.83	4936.42	-62.83	69.97	-95.93	0.21	446081.43	704415.94	N 32 13 30.91	W 103 48 21.47
	5049.00	0.11	76.49	5031.42	-62.81	69.95	-95.89	0.20	446081.41	704415.97	N 32 13 30.91	W 103 48 21.47
	5143.00	0.08	138.18	5125.42	-62.79	69.93	-95.76	0.11	446081.38	704416.11	N 32 13 30.91	W 103 48 21.47
	5238.00	0.13	28.72	5220.42	-62.84	69.87	-95.66	0.18	446081.43	704416.20	N 32 13 30.91	W 103 48 21.47
	5332.00	0.06	84.07	5314.42	-62.95	70.07	-95.56	0.11	446081.52	704416.30	N 32 13 30.92	W 103 48 21.46
	5427.00	0.08	206.45	5409.42	-62.91	70.03	-95.54	0.11	446081.49	704416.33	N 32 13 30.92	W 103 48 21.46
	5522.00	0.00	290.90	5504.42	-62.87	69.99	-95.56	0.06	446081.44	704416.31	N 32 13 30.91	W 103 48 21.46
	5617.00	0.11	218.03	5598.42	-62.79	69.91	-95.61	0.12	446081.37	704416.25	N 32 13 30.91	W 103 48 21.46
	5711.00	0.08	129.11	5693.42	-62.67	69.80	-95.61	0.14	446081.25	704416.25	N 32 13 30.91	W 103 48 21.46
	5806.00	0.08	167.50	5788.42	-62.57	69.69	-95.55	0.06	446081.15	704416.32	N 32 13 30.91	W 103 48 21.46
	5901.00	0.08	207.27	5883.42	-62.45	69.57	-95.56	0.06	446081.02	704416.30	N 32 13 30.91	W 103 48 21.46
	5995.00	0.08	24.90	5977.42	-62.45	69.57	-95.57	0.17	446081.02	704416.30	N 32 13 30.91	W 103 48 21.46
	6090.00	0.06	193.87	6072.42	-62.46	69.58	-95.55	0.15	446081.04	704416.32	N 32 13 30.91	W 103 48 21.46
	6184.00	0.06	351.35	6166.42	-62.46	69.58	-95.57	0.13	446081.04	704416.30	N 32 13 30.91	W 103 48 21.46
	6278.00	0.08	308.98	6261.42	-62.55	69.67	-95.63	0.06	446081.13	704416.24	N 32 13 30.91	W 103 48 21.46
	6373.00	0.08	151.86	6355.42	-62.53	69.66	-95.65	0.17	446081.11	704416.22	N 32 13 30.91	W 103 48 21.47
	6468.00	0.08	49.37	6450.41	-62.52	69.64	-95.57	0.13	446081.10	704416.30	N 32 13 30.91	W 103 48 21.46
	6563.00	0.00	87.16	6545.41	-62.57	69.88	-95.52	0.08	446081.14	704416.35	N 32 13 30.91	W 103 48 21.46
	6657.00	0.00	96.25	6639.41	-62.57	69.68	-95.52	0.00	446081.14	704416.35	N 32 13 30.91	W 103 48 21.46
	6752.00	0.06	37.91	6734.41	-62.61	69.72	-95.49	0.06	446081.18	704416.38		

Comments	MD	hcl	Azimuth	TVD	VSEC	NS	EW	DLS	Northings	Eastings	Latitude	Longitude
	(m)	(m)	(°)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(°)	(°)
	7319.00	183.54	7301.41	-62.47	69.57	-85.31	0.08	446081.02	704165.56	704130.91	32 13 30.91 W	103 48 21.46 E
	7411.00	223.12	7385.41	-62.35	69.45	-95.33	0.08	446080.90	704165.51	704130.91	32 13 30.91 W	103 48 21.46 E
	7508.00	30.58	7480.41	-62.35	69.45	-95.33	0.08	446080.90	704165.51	704130.91	32 13 30.91 W	103 48 21.46 E
	7600.00	120.29	7585.41	-62.37	69.47	-95.28	0.09	446080.92	704165.58	704130.91	32 13 30.91 W	103 48 21.46 E
	7752.00	276.09	7774.41	-62.37	69.47	-95.28	0.09	446080.92	704165.58	704130.91	32 13 30.91 W	103 48 21.46 E
	7868.00	30.34	7868.41	-62.37	69.47	-95.28	0.09	446080.92	704165.58	704130.91	32 13 30.91 W	103 48 21.46 E
	7981.00	70.04	7983.41	-62.37	69.47	-95.28	0.09	446080.92	704165.58	704130.91	32 13 30.91 W	103 48 21.46 E
	8075.00	127.70	8057.41	-62.35	69.51	-94.97	0.06	446080.87	704165.89	704130.91	32 13 30.91 W	103 48 21.46 E
	8170.00	171.81	8152.41	-62.35	69.47	-94.97	0.06	446080.87	704165.89	704130.91	32 13 30.91 W	103 48 21.46 E
	8266.00	245.43	8246.41	-62.25	69.32	-95.00	0.13	446080.78	704165.86	704130.91	32 13 30.91 W	103 48 21.46 E
	8358.00	344.31	8341.41	-62.25	69.34	-95.00	0.17	446080.80	704165.75	704130.91	32 13 30.91 W	103 48 21.46 E
	8454.00	166.42	8436.41	-62.22	69.30	-95.12	0.22	446080.76	704165.75	704130.91	32 13 30.91 W	103 48 21.46 E
	8545.00	128.86	8530.41	-62.06	69.34	-95.01	0.10	446080.59	704165.86	704130.91	32 13 30.91 W	103 48 21.46 E
	8643.00	223.94	8625.41	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	8738.00	223.94	8720.36	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	8832.00	223.94	8814.12	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	8927.00	223.94	8906.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	9022.00	223.94	9008.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	9117.00	223.94	9100.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	9211.00	223.94	9203.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	9311.00	223.94	9306.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	9417.00	223.94	9409.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	9519.00	223.94	9512.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	9621.00	223.94	9615.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	9723.00	223.94	9716.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	9825.00	223.94	9809.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	9927.00	223.94	9920.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	10029.00	223.94	10022.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	10131.00	223.94	10124.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	10233.00	223.94	10226.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	10335.00	223.94	10328.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	10437.00	223.94	10430.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	10539.00	223.94	10532.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	10641.00	223.94	10634.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	10743.00	223.94	10736.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	10845.00	223.94	10838.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	10947.00	223.94	10940.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	11049.00	223.94	11042.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	11151.00	223.94	11144.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	11253.00	223.94	11246.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	11355.00	223.94	11348.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	11457.00	223.94	11450.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	11559.00	223.94	11552.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	11661.00	223.94	11654.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	11763.00	223.94	11756.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	11865.00	223.94	11858.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	11967.00	223.94	11960.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	12069.00	223.94	12062.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	12171.00	223.94	12164.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	12273.00	223.94	12266.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	12375.00	223.94	12368.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	12477.00	223.94	12470.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	12579.00	223.94	12572.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	12681.00	223.94	12674.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	12783.00	223.94	12776.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	12885.00	223.94	12878.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	12987.00	223.94	12980.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	13089.00	223.94	13082.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	13191.00	223.94	13184.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	13293.00	223.94	13286.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	13395.00	223.94	13388.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	13497.00	223.94	13490.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	13599.00	223.94	13592.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	13701.00	223.94	13694.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	13803.00	223.94	13796.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	13905.00	223.94	13898.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	14007.00	223.94	13900.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	14109.00	223.94	14002.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	14211.00	223.94	14104.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	14313.00	223.94	14206.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	14415.00	223.94	14308.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	14517.00	223.94	14410.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	14619.00	223.94	14512.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	14721.00	223.94	14614.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	14823.00	223.94	14716.73	-61.73	68.82	-95.17	0.50	446080.70	704165.70	704130.91	32 13 30.91 W	103 48 21.46 E
	14925.00	223.94	14818.73	-61.73	6							