

30-015-38286

OPERATOR MEWBOURNE OIL COMPANY
WELL/LEASE TAMANO 10 FED COM 6H
COUNTY EDDY

STATE OF NEW MEXICO
DEVIATION REPORT

268	0.95
532	0.96
715	0.25
909	0.28
1,280	0.05
1,629	0.62
1,893	2.20
2,021	1.61
2,494	0.43
2,844	0.56
3,227	0.90
3,609	0.13
4,026	0.29
4,441	0.18
4,792	1.10
5,115	0.78
5,458	1.18
5,778	1.51
6,126	2.82
6,251	3.89
6,295	3.48
6,536	0.00
6,637	4.32
6,730	3.50

STATE OF TEXAS

COUNTY OF MIDLAND

BY: Steve Moore

The foregoing instrument was acknowledged before me on 9/29/11, by Steve Moore on behalf of Patterson-UTI Drilling Company LLC.

Cynthia Smith
Notary Public for Midland County, Texas
My Commission Expires:



Mewbourne Oil Company
Hobbs



30-015-38286

Company: MEWBOURNE OIL
Lease/Well: TAMANO 10 FED COM/#6H

Rig Name: PATTERSON 75
State/County: NEW MEXICO/EDDY

Latitude: 32.46
GRID North is 0.44 Degrees West of True North
VS-Azi: 87.31 Degrees



Depth Reference : RKB 23 FEET

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: tamano 10 fed com #6h_ed.ut
Minimum Curvature Method
Report Date/Time: 9/16/2011 / 11:37

Vaughn Energy Services
Woodward, Oklahoma
580-254-5000
Surveyor: Justin Everett
Tamano 10 Fed Com #6H

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
100.00	0.55	134.32	100.00	-0.34	0.35	0.33	0.48	134.32	0.55
200.00	0.83	141.22	199.99	-1.24	1.15	1.09	1.69	137.28	0.29
300.00	0.82	153.55	299.98	-2.45	1.92	1.80	3.12	141.90	0.18
400.00	0.79	175.03	399.97	-3.78	2.30	2.12	4.42	148.65	0.30
500.00	0.78	192.59	499.96	-5.12	2.21	1.97	5.58	156.63	0.24
600.00	0.70	208.28	599.95	-6.32	1.78	1.48	6.56	164.29	0.22
700.00	0.71	226.46	699.95	-7.28	1.04	0.70	7.35	171.87	0.22
800.00	0.44	242.88	799.94	-7.88	0.25	-0.12	7.88	178.19	0.31
900.00	0.87	252.74	899.93	-8.28	-0.81	-1.20	8.32	185.62	0.44
1000.00	0.92	260.70	999.92	-8.63	-2.33	-2.73	8.94	195.07	0.13
1100.00	0.60	285.02	1099.91	-8.63	-3.62	-4.02	9.36	202.77	0.44
1200.00	0.33	301.78	1199.91	-8.34	-4.37	-4.76	9.42	207.67	0.30
1300.00	0.11	324.63	1299.91	-8.11	-4.67	-5.05	9.36	209.96	0.23
1400.00	0.15	330.58	1399.91	-7.92	-4.79	-5.16	9.25	211.20	0.05
1500.00	0.31	348.89	1499.91	-7.53	-4.91	-5.26	8.99	213.10	0.17
1600.00	0.40	7.70	1599.91	-6.92	-4.92	-5.24	8.49	215.39	0.15
1700.00	0.74	21.89	1699.90	-5.98	-4.63	-4.91	7.56	217.76	0.36
1800.00	1.45	46.11	1799.88	-4.51	-3.48	-3.69	5.69	217.68	0.83
1900.00	1.59	57.58	1899.85	-2.88	-1.40	-1.53	3.20	205.82	0.34
2000.00	1.84	62.87	1999.80	-1.41	1.20	1.14	1.85	139.44	0.29

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
2100.00	1.37	53.32	2099.76	0.04	3.59	3.59	3.59	89.42	0.54
2200.00	0.66	62.32	2199.75	1.02	5.05	5.10	5.16	78.64	0.73
2300.00	0.52	74.76	2299.74	1.40	6.00	6.06	6.16	76.85	0.19
2400.00	0.79	85.49	2399.74	1.57	7.12	7.18	7.29	77.54	0.30
2500.00	0.56	96.25	2499.73	1.57	8.28	8.35	8.43	79.24	0.26
2600.00	0.36	114.31	2599.73	1.39	9.06	9.11	9.16	81.27	0.24
2700.00	0.34	139.65	2699.72	1.03	9.54	9.57	9.59	83.81	0.16
2800.00	0.28	151.65	2799.72	0.59	9.85	9.86	9.86	86.56	0.09
2900.00	0.34	190.23	2899.72	0.08	9.91	9.90	9.91	89.52	0.21
3000.00	0.54	219.73	2999.72	-0.57	9.56	9.52	9.57	93.42	0.30
3100.00	0.56	231.63	3099.71	-1.24	8.87	8.80	8.95	97.95	0.12
3200.00	0.69	252.21	3199.71	-1.73	7.91	7.82	8.10	102.31	0.26
3300.00	0.79	277.95	3299.70	-1.81	6.65	6.56	6.90	105.25	0.35
3400.00	0.79	268.25	3399.69	-1.74	5.28	5.19	5.56	108.25	0.13
3500.00	0.52	254.33	3499.68	-1.88	4.15	4.06	4.56	114.39	0.32
3600.00	0.71	247.06	3599.68	-2.25	3.15	3.04	3.87	125.53	0.21
3700.00	0.77	261.38	3699.67	-2.59	1.90	1.78	3.22	143.67	0.20
3800.00	0.69	274.93	3799.66	-2.64	0.64	0.51	2.72	166.39	0.19
3900.00	0.82	290.56	3899.65	-2.34	-0.62	-0.73	2.42	194.95	0.24
4000.00	0.43	296.71	3999.65	-1.92	-1.63	-1.72	2.52	220.33	0.39
4100.00	0.39	305.90	4099.64	-1.55	-2.24	-2.31	2.72	235.29	0.08
4200.00	0.51	303.40	4199.64	-1.11	-2.88	-2.93	3.09	248.96	0.13
4300.00	0.52	294.37	4299.64	-0.68	-3.67	-3.70	3.73	259.54	0.08
4400.00	0.95	301.36	4399.63	-0.06	-4.79	-4.79	4.79	269.32	0.44
4500.00	1.01	308.59	4499.61	0.93	-6.19	-6.14	6.26	278.50	0.14
4600.00	1.13	313.99	4599.60	2.16	-7.59	-7.48	7.89	285.89	0.16
4700.00	0.79	306.29	4699.58	3.25	-8.85	-8.69	9.43	290.17	0.36
4800.00	1.25	291.01	4799.57	4.05	-10.43	-10.22	11.18	291.23	0.53
4900.00	1.23	285.97	4899.54	4.74	-12.48	-12.24	13.34	290.79	0.11
5000.00	1.33	287.56	4999.52	5.38	-14.61	-14.34	15.57	290.22	0.11
5100.00	1.32	294.48	5099.49	6.21	-16.77	-16.46	17.88	290.32	0.16
5200.00	1.11	301.08	5199.47	7.19	-18.65	-18.30	19.99	291.08	0.25
5300.00	1.16	307.04	5299.45	8.30	-20.30	-19.88	21.93	292.25	0.13
5400.00	1.45	311.09	5399.42	9.75	-22.06	-21.58	24.12	293.84	0.30
5500.00	1.75	318.91	5499.38	11.74	-24.02	-23.45	26.74	296.04	0.37
5600.00	1.69	326.05	5599.34	14.11	-25.85	-25.16	29.45	298.62	0.22
5700.00	1.82	338.78	5699.29	16.81	-27.25	-26.43	32.02	301.67	0.41
5800.00	2.02	345.05	5799.24	20.00	-28.28	-27.31	34.63	305.27	0.29
5900.00	2.11	348.90	5899.17	23.50	-29.09	-27.95	37.39	308.94	0.17
6000.00	2.91	350.85	5999.08	27.81	-29.84	-28.50	40.79	312.98	0.80
6100.00	4.20	341.01	6098.88	33.78	-31.44	-29.82	46.15	317.06	1.43
6200.00	5.50	337.98	6198.52	41.69	-34.43	-32.44	54.07	320.45	1.32

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
6300.00	5.30	331.09	6298.08	50.18	-38.46	-36.06	63.22	322.53	0.68
6400.00	4.58	328.32	6397.71	57.62	-42.79	-40.04	71.77	323.40	0.76
6500.00	3.66	326.76	6497.45	63.68	-46.63	-43.59	78.93	323.79	0.93
6600.00	3.24	322.34	6597.27	68.59	-50.11	-46.84	84.94	323.85	0.49
6700.00	2.71	326.48	6697.13	72.80	-53.14	-49.67	90.13	323.87	0.58
6727.00	2.84	323.63	6724.10	73.87	-53.89	-50.36	91.44	323.89	0.71

Packers Plus		Do It Once Do It Right.	Confidential Information - not to be disclosed outside Mewbourne Oil Company		Completion FINAL	
Prepared for Mr. Mickey Young		Company Mewbourne Oil Company		Date 8-Aug-11		
Well Name Tamano "10" Fed Com #6H		Type of Installation 20-Stage 4-1/2" StackFRAC® HD		Location Eddy County, NM		
Depth	Drawing	Description	OD(m)	ID(m)	Length	
Page 1 of 3						
REV_						
KOP= 7888 BR= 107'100'						
TOL= 8515.49' 326BBS						
		Drillable FracPORT's to be shipped without handling pups				
		Latched Seal Assembly				
		7" 23-32 ppf x 3.875" Lower Bore x 4.75" Upper Bore SF Liner Hanger Packer	5.875"	4.750	9 66	
		PN. 108425-000004 (Shear Pins: 2 @ 482 plus 1 @ 241 - 1,205 psi setting pressure)		3.875		
		SF Bottom Guide	5.850"	3.850		
		SNU0004833				
7" Shoe 8825		7" 26# P-110 LT&C Casing				
EA1005451 Stage 18 8896.71' 332BBS		4-1/2" 11.60# P-110 LTC LINER JOINTS. 9	4 500"	4 000	372 02	
		Packers Plus 4-1/2" Drillable FracPORT™ with 3.625" Seat for 3.750" High Pressure Ball	5 630"	3.625	2 65	
		PN. 121332-000024 (5 shear pins at 314 psi each; 1,570 psi opening pressure)		3.840		
EA2005701 MD 8987.65'		4-1/2" 11.60# P-110 LTC LINER JOINTS. 2	4 500"	4 000	82 31	
		6' x 4-1/2" 11 6# P-110 LTC x BTC Pup Joint	4 500"	4 000	5 98	
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3.875	5 18	
		PN. 124929-000003 (4 shear pins at 522 psi each; 2,088 psi setting pressure)				
		3' x 4-1/2" 11 6# P-110 BTC x LTC Pup Joint	4 500"	4 000	3 13	
		4-1/2" 11 60# P-110 LTC LINER JOINTS: 2	4 500"	4 000	85 2	
EA1005389 Stage 17 9081.16' 335BBS		Packers Plus 4-1/2" Drillable FracPORT™ with 3.500" Seat for 3.625" High Pressure Ball	5 630"	3.500	2 65	
		PN. 121332-000023 (5 shear pins at 314 psi each; 1,570 psi opening pressure)		3.840		
EA2005709 MD 9174.34'		4-1/2" 11.60# P-110 LTC LINER JOINTS: 2	4 500"	4 000	84 56	
		6' x 4-1/2" 11 6# P-110 LTC x BTC Pup Joint	4 500"	4 000	5 97	
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3.875	5 18	
		PN. 124929-000003 (4 shear pins at 522 psi each; 2,088 psi setting pressure)				
		3' x 4-1/2" 11 6# P-110 BTC x LTC Pup Joint	4 500"	4 000	3 12	
		4-1/2" 11.60# P-110 LTC LINER JOINTS: 2	4 500"	4 000	85 13	
EA1006226 Stage 16 9267.77' 338BBS		Packers Plus 4-1/2" Drillable FracPORT™ with 3.375" Seat for 3.500" High Pressure Ball	5 630"	3.375	2 65	
		PN. 121332-000022 (5 shear pins at 314 psi each; 1,570 psi opening pressure)		3.840		
EA3006391 MD 9397.09'		4-1/2" 11.60# P-110 LTC LINER JOINTS: 3	4 500"	4 000	120 72	
		6' x 4-1/2" 11 6# P-110 LTC x BTC Pup Joint	4 500"	4 000	5 95	
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3.875	5 18	
		PN. 124929-000003 (4 shear pins at 522 psi each; 2,088 psi setting pressure)				
		3' x 4-1/2" 11 6# P-110 BTC x LTC Pup Joint	4.500"	4 000	3 08	
		4-1/2" 11.60# P-110 LTC LINER JOINTS: 3	4 500"	4 000	119.86	
EA1006190 Stage 15 9525.21' 342BBS		Packers Plus 4-1/2" Drillable FracPORT™ with 3.250" Seat for 3.375" High Pressure Ball	5 630"	3.250	2.65	
		PN. 121332-000021 (5 shear pins at 314 psi each; 1,570 psi opening pressure)		3.840		
EA2005580 MD 9622.01'		4-1/2" 11.60# P-110 LTC LINER JOINTS. 2	4 500"	4 000	88 08	
		6' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	6 07	
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3.875	5 25	
		PN. 124929-000004 (4 shear pins at 522 psi each; 2,088 psi setting pressure)				
		3' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	3 07	
		4-1/2" 11 60# P-110 LTC LINER JOINTS: 2	4 500"	4 000	86 79	
EA1003930 Stage 14 9717.12' 345BBS		Packers Plus 4-1/2" Drillable FracPORT™ with 3.125" Seat for 3.250" High Pressure Ball	5 630"	3.125	2 65	
		PN. 121332-000020 (5 shear pins at 314 psi each; 1,570 psi opening pressure)		3.840		
EA2005579 MD 9804.54'		4-1/2" 11.60# P-110 LTC LINER JOINTS: 2	4 500"	4 000	78 68	
		6' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	6 09	
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3.875	5 25	
		PN. 124929-000004 (4 shear pins at 522 psi each; 2,088 psi setting pressure)				
		3' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	3 09	
		4-1/2" 11.60# P-110 LTC LINER JOINTS: 3	4 500"	4 000	128 93	
EA1006164 Stage 13 9941.81' 348BBS		Packers Plus 4-1/2" Drillable FracPORT™ with 3.000" Seat for 3.125" High Pressure Ball	5 630"	3.000	2 65	
		PN. 121332-000019 (5 shear pins at 314 psi each; 1,570 psi opening pressure)		3.840		
EA2005574 MD 10035.83'		4-1/2" 11.60# P-110 LTC LINER JOINTS: 2	4 500"	4 000	85 27	
		6' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	6 1	
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3.875	5 25	
		PN. 124929-000004 (4 shear pins at 522 psi each; 2,088 psi setting pressure)				
		3' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	3 08	
		4-1/2" 11.60# P-110 LTC LINER JOINTS: 3	4 500"	4 000	125 84	
EA1004454 Stage 12 10170.00' 352BBS		Packers Plus 4-1/2" Drillable FracPORT™ with 2.875" Seat for 3.000" High Pressure Ball	5 630"	2.875	2 65	
		PN. 121332-000018 (5 shear pins at 314 psi each; 1,570 psi opening pressure)		3.840		
EA2005570 MD 10264.79'		4-1/2" 11.60# P-110 LTC LINER JOINTS: 2	4 500"	4 000	86.07	
		6' x 4-1/2" 11 6# P-110 LTC Pup Joint	4.500"	4.000	6.07	
		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3.875	5.25	
		PN. 124929-000004 (4 shear pins at 522 psi each; 2,088 psi setting pressure)				
		3' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	3 09	
		4-1/2" 11.60# P-110 LTC LINER JOINTS: 2	4.500"	4.000	85.79	
Service Center Midland, TX	Telephone 432-563-8024	Contact Keith Martin	Telephone Chad Williams 405-255-3223			

Packers Plus		Do It Once Do It Right	Confidential Information - not to be disclosed outside Mewbourne Oil Company		Completion FINAL	
Prepared for Mr. Mickey Young		Company Mewbourne Oil Company		Date 8-Aug-11		
Well Name Tamano "10" Fed Com #6H		Type of Installation 20-Stage 4-1/2" StackFRAC® HD		Location Eddy County, NM		
Depth	Drawing	Description	OD(in)	ID(in)	Length	
Page 2 of 3						
REV_						
EA1006131						
Stage 11		Packers Plus 4-1/2" Drillable FracPORT™ with 2.750" Seat for 2.875" High Pressure Ball	5 630"	2 750	2 65	
10358.92'		PN 121332-000017 (5 shear pins at 314 psi each, 1,570 psi opening pressure)		3 840		
355BBLs						
EA2005512		4-1/2" 11 60# P-110 LTC LINER JOINTS 3	4 500"	4 000	130 07	
MD		6' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	6 06	
10497.70'		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3 875	5 25	
		PN 124929-000004 (4 shear pins at 522 psi each, 2,088 psi setting pressure)				
		3' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	3 07	
		4-1/2" 11 60# P-110 LTC LINER JOINTS 2	4 500"	4 000	85 67	
EA1006107						
Stage 10		Packers Plus 4-1/2" Drillable FracPORT™ with 2 625" Seat for 2 750" High Pressure Ball	5 630"	2 625	2 65	
10591.69'		PN 121332-000016 (5 shear pins at 314 psi each, 1,570 psi opening pressure)		3 840		
358BBLs						
EA2005511		4-1/2" 11 60# P-110 LTC LINER JOINTS 2	4 500"	4 000	83 78	
MD		6' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	6 06	
10684.18'		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3 875	5 25	
		PN: 124929-000004 (4 shear pins at 522 psi each, 2,088 psi setting pressure)				
		3' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	3 08	
		4-1/2" 11 60# P-110 LTC LINER JOINTS 3	4 500"	4 000	130 52	
EA1006038						
Stage 9		Packers Plus 4-1/2" Drillable FracPORT™ with 2 500" Seat for 2 625" High Pressure Ball	5 630"	2 500	2 65	
10823.03'		PN 121332-000015 (5 shear pins at 314 psi each, 1,570 psi opening pressure)		3 840		
362BBLs						
EA2005510		4-1/2" 11 60# P-110 LTC LINER JOINTS 2	4 500"	4 000	84 58	
MD		6' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	6 07	
10916.33'		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3 875	5 25	
		PN. 124929-000004 (4 shear pins at 522 psi each, 2,088 psi setting pressure)				
		3' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	3 06	
		4-1/2" 11 60# P-110 LTC LINER JOINTS 2	4 500"	4 000	85 05	
EA1005205						
Stage 8		Packers Plus 4-1/2" Drillable FracPORT™ with 2 375" Seat for 2 500" High Pressure Ball	5 630"	2 375	2 65	
11009.69'		PN 121332-000014 (5 shear pins at 314 psi each, 1,570 psi opening pressure)		3 840		
365BBLs						
EA2005513		4-1/2" 11 60# P-110 LTC LINER JOINTS 3	4 500"	4 000	127 13	
MD		6' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	6 05	
11145.52'		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3 875	5 25	
		PN 124929-000004 (4 shear pins at 522 psi each, 2,088 psi setting pressure)				
		3' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	3 07	
		4-1/2" 11 60# P-110 LTC LINER JOINTS 3	4 500"	4 000	120 77	
EA1005963						
Stage 7		Packers Plus 4-1/2" Drillable FracPORT™ with 2 250" Seat for 2 375" High Pressure Ball	5 630"	2 250	2 65	
11274.61'		PN 121332-000013 (5 shear pins at 314 psi each, 1,570 psi opening pressure)		3 840		
369BBLs						
EA2005559		4-1/2" 11 60# P-110 LTC LINER JOINTS 2	4 500"	4 000	83 39	
MD		6' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	6 06	
11366.71'		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3 875	5 25	
		PN 124929-000004 (4 shear pins at 522 psi each, 2,088 psi setting pressure)				
		3' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	3 08	
		4-1/2" 11 60# P-110 LTC LINER JOINTS: 2	4 500"	4 000	85 01	
EA1005931						
Stage 6		Packers Plus 4-1/2" Drillable FracPORT™ with 2.125" Seat for 2.250" High Pressure Ball	5 630"	2 125	2 65	
11460.05'		PN: 121332-000012 (5 shear pins at 314 psi each, 1,570 psi opening pressure)		3,840		
372BBLs						
EA2005518		4-1/2" 11 60# P-110 LTC LINER JOINTS 2	4 500"	4 000	86 69	
MD		6' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	6 08	
11555.47'		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3 875	5 25	
		PN 124929-000004 (4 shear pins at 522 psi each, 2,088 psi setting pressure)				
		3' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	3 08	
		4-1/2" 11 60# P-110 LTC LINER JOINTS 3	4 500"	4 000	125 32	
EA1005912						
Stage 5		Packers Plus 4-1/2" Drillable FracPORT™ with 2 000" Seat for 2 125" High Pressure Ball	5 630"	2 000	2 65	
11689.12'		PN 121332-000011 (5 shear pins at 314 psi each, 1,570 psi opening pressure)		3 840		
375BBLs						
EA2005556		4-1/2" 11 60# P-110 LTC LINER JOINTS 3	4 500"	4 000	127 3	
MD		6' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	6 08	
11825.15'		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3,875	5 25	
		PN 124929-000004 (4 shear pins at 522 psi each, 2,088 psi setting pressure)				
		3' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	3 08	
		4-1/2" 11 60# P-110 LTC LINER JOINTS 3	4 500"	4 000	124 24	
EA1005509						
Stage 4		Packers Plus 4-1/2" Drillable FracPORT™ with 1 875" Seat for 2.000" High Pressure Ball	5 630"	1,875	2 65	
11957.72'		PN 121332-000010 (5 shear pins at 314 psi each, 1,570 psi opening pressure)		3 840		
379BBLs						
EA2005569		4-1/2" 11 60# P-110 LTC LINER JOINTS 2	4 500"	4 000	85 28	
MD		6' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	6 09	
12051.74'		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3 875	5 25	
		PN 124929-000004 (4 shear pins at 522 psi each, 2,088 psi setting pressure)				
		3' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	3 1	
		4-1/2" 11 60# P-110 LTC LINER JOINTS 3	4 500"	4 000	118 43	
EA1007635						
Stage 3		Packers Plus 4-1/2" Drillable FracPORT™ with 1.750" Seat for 1.875" High Pressure Ball	5 630"	1,750	2 65	
12178.52'		PN 121332-000009 (5 shear pins at 314 psi each, 1,570 psi opening pressure)		3,840		
383BBLs						
EA2005573		4-1/2" 11 60# P-110 LTC LINER JOINTS: 3	4 500"	4 000	115 12	
MD		6' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	6 09	
12302.38'		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer	5 750"	3,875	5 25	
		PN: 124929-000004 (4 shear pins at 522 psi each, 2,088 psi setting pressure)				
		3' x 4-1/2" 11 6# P-110 LTC Pup Joint	4 500"	4 000	3 09	
		4-1/2" 11 60# P-110 LTC LINER JOINTS: 3	4 500"	4 000	116 46	
Service Center Midland, TX			Telephone Chad Williams 405-255-3223			
Contract 432-563-8024 Keith Martin						

		Do It Once Do It Right		Confidential Information - not to be disclosed outside Mewbourne Oil Company		Completion FINAL	
Prepared for Mr. Mickey Young		Company Mewbourne Oil Company		Date 8-Aug-11			
Well Name Tantano "10" Fed Com #6H		Type of Installation 20-Stage 4-1/2" StackFRAC® HD		Location Eddy County, NM			
Depth	Drawing	Description		OD(in)	ID(in)	Length	
Page 3 of 3							
REV_							
EA1009561							
Stage 2		Packers Plus 4-1/2" Drillable FracPORT™ with 1.625" Seat for 1.750" High Pressure Ball PN: 121332-000008 (5 shear pins at 314 psi each; 1,570 psi opening pressure)		5 630"	1.625	2 65	
12427.18'					3.840		
387BBLS							
EA2005518		4-1/2" 11.60# P-110 LTC LINER JOINTS. 3 6' x 4-1/2" 11 6# P-110 LTC Pup Joint		4 500"	4 000	113 13	
MD		Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN 124929-000004 (4 shear pins at 522 psi each; 2,088 psi setting pressure)		4 500"	4 000	6 09	
12549 05'		3' x 4-1/2" 11 6# P-110 LTC Pup Joint 4-1/2" 11.60# P-110 LTC LINER JOINTS. 3		5 750"	3 875	5 25	
				4 500"	4 000	3 08	
				4 500"	4 000	112 62	
Stage 1							
12670.00'	Customer 4-1/2" Pump Off Sub (Pinned AT 3850 PSI) WITH 1.000" SEAT FOR 1.250"		5 060"	1.000	3 11		
390BBLS							
TVD=							
8386.00'							
TD=							
12714.00'							
Service Center Midland, TX		Telephone 432-563-8024		Contact Keith Martin		Telephone Chad Williams 405-255-3223	