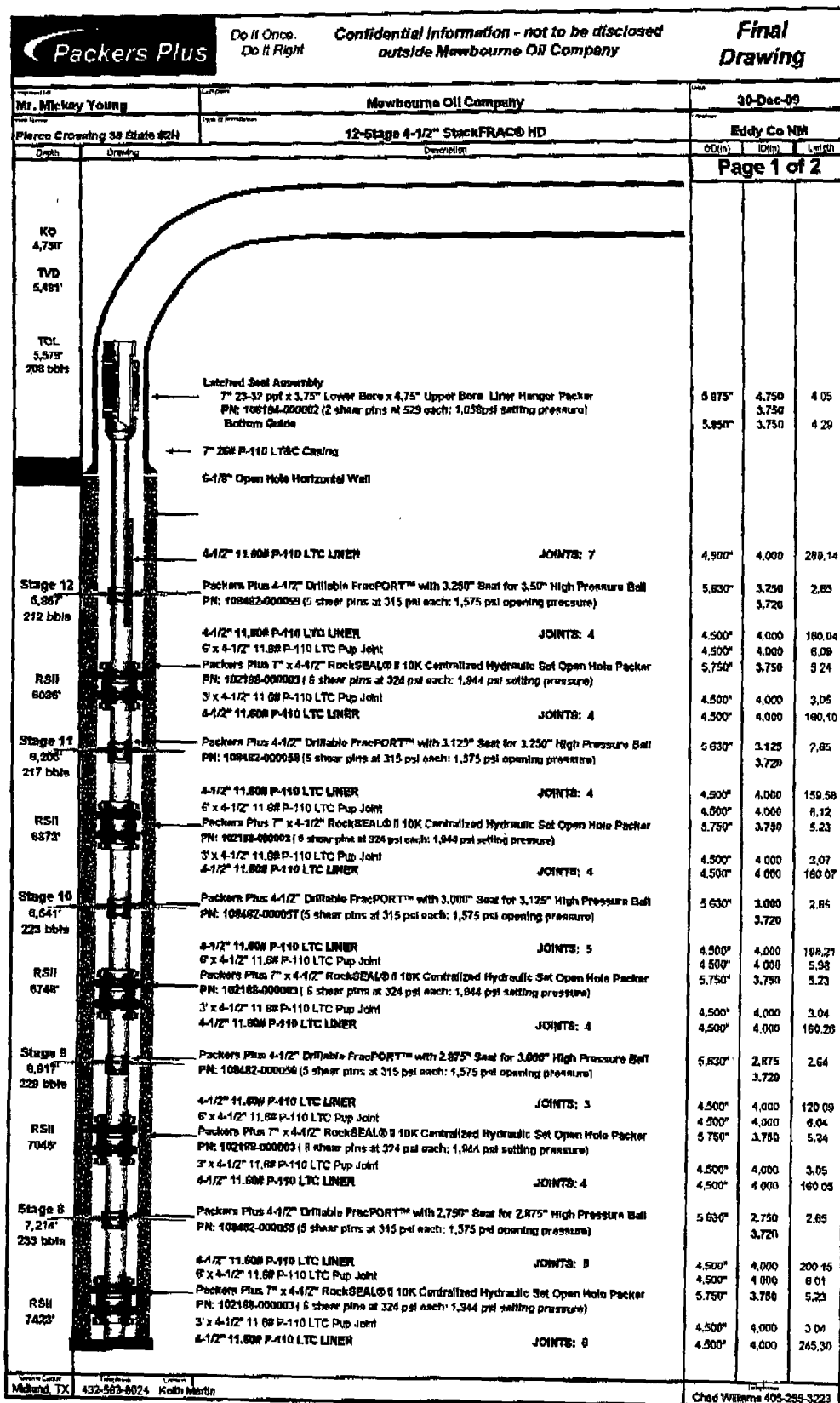




Packers Plus		Do it Once. Do it Right.	Confidential Information - not to be disclosed outside Mewbourne Oil Company	Final Drawing	
Mr. Mickey Young		Mewbourne Oil Company		30-Dec-09	
Pierce Crossing 38 State RDH		12-Stage 4-1/2" StackFRAC® HD		Eddy Co NM	
Depth	Drawing	Description	OD(in)	ID(in)	Length
Page 2 of 2					
Stage 7 7,678' 241 hbls		Packers Plus 4-1/2" Drillable FracPORT™ with 2,625" Seat for 2,750" High Pressure Ball PN: 108482-000054 (5 shear pins at 315 psi each; 1,575 psi opening pressure)	5,030"	2,625 3,720	2.84
		4-1/2" 11,808 P-110 LTC LINER JOINTS: 4	4,500"	4,000	174.14
		6" x 4-1/2" 11.88 P-110 LTC Pup Joint	4,500"	4,000	6.08
	R58 7659'	Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 102188-000003 (6 shear pins at 324 psi each; 1,944 psi setting pressure)	6,750"	3,750	5.24
		3" x 4-1/2" 11.88 P-110 LTC Pup Joint	4,500"	4,000	3.04
		4-1/2" 11,808 P-110 LTC LINER JOINTS: 4	4,500"	4,000	172.80
Stage 6 8,040' 246 hbls		Packers Plus 4-1/2" Drillable FracPORT™ with 2,500" Seat for 2,625" High Pressure Ball PN: 108482-000053 (5 shear pins at 315 psi each; 1,575 psi opening pressure)	5,030"	2,500 3,720	2.64
		4-1/2" 11,808 P-110 LTC LINER JOINTS: 6	4,500"	4,000	213.86
		6" x 4-1/2" 11.88 P-110 LTC Pup Joint	4,500"	4,000	6.01
	R58 8283'	Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 102188-000003 (6 shear pins at 324 psi each; 1,944 psi setting pressure)	6,750"	3,750	5.24
		3" x 4-1/2" 11.88 P-110 LTC Pup Joint	4,500"	4,000	3.04
		4-1/2" 11,808 P-110 LTC LINER JOINTS: 6	4,500"	4,000	209.81
Stage 5 8,481' 253 hbls		Packers Plus 4-1/2" Drillable FracPORT™ with 2,375" Seat for 2,500" High Pressure Ball PN: 108482-000052 (5 shear pins at 315 psi each; 1,575 psi opening pressure)	5,830"	2,375 3,720	2.68
		4-1/2" 11,808 P-110 LTC LINER JOINTS: 4	4,500"	4,000	171.50
		6" x 4-1/2" 11.88 P-110 LTC Pup Joint	4,500"	4,000	6.06
	R58 8861'	Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 102188-000003 (6 shear pins at 324 psi each; 1,944 psi setting pressure)	6,750"	3,750	5.24
		3" x 4-1/2" 11.88 P-110 LTC Pup Joint	4,500"	4,000	3.08
		4-1/2" 11,808 P-110 LTC LINER JOINTS: 4	4,500"	4,000	173.24
Stage 4 8,842' 258 hbls		Packers Plus 4-1/2" Drillable FracPORT™ with 2,250" Seat for 2,375" High Pressure Ball PN: 108482-000051 (5 shear pins at 315 psi each; 1,575 psi opening pressure)	6,830"	2,250 3,720	2.64
		4-1/2" 11,808 P-110 LTC LINER JOINTS: 6	4,500"	4,000	214.08
		6" x 4-1/2" 11.88 P-110 LTC Pup Joint	4,500"	4,000	6.08
	R58 9065'	Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 102188-000003 (6 shear pins at 324 psi each; 1,944 psi setting pressure)	6,750"	3,750	5.24
		3" x 4-1/2" 11.88 P-110 LTC Pup Joint	4,500"	4,000	3.04
		4-1/2" 11,808 P-110 LTC LINER JOINTS: 4	4,500"	4,000	171.30
Stage 3 9,245' 265 hbls		Packers Plus 4-1/2" Drillable FracPORT™ with 2,125" Seat for 2,250" High Pressure Ball PN: 108482-000050 (5 shear pins at 315 psi each; 1,575 psi opening pressure)	5,830"	2,125 3,720	2.65
		4-1/2" 11,808 P-110 LTC LINER JOINTS: 3	4,500"	4,000	128.08
		6" x 4-1/2" 11.88 P-110 LTC Pup Joint	4,500"	4,000	6.04
	R58 9282'	Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 102188-000003 (6 shear pins at 324 psi each; 1,944 psi setting pressure)	6,750"	3,750	5.24
		3" x 4-1/2" 11.88 P-110 LTC Pup Joint	4,500"	4,000	3.05
		4-1/2" 11,808 P-110 LTC LINER JOINTS: 3	4,500"	4,000	129.90
Stage 2 9,520' 268 hbls		Packers Plus 4-1/2" Drillable FracPORT™ with 2,000" Seat for 2,125" High Pressure Ball PN: 108482-000049 (5 shear pins at 315 psi each; 1,575 psi opening pressure)	5,830"	2,000 3,720	2.65
		4-1/2" 11,808 P-110 LTC LINER JOINTS: 3	4,500"	4,000	128.07
		6" x 4-1/2" 11.88 P-110 LTC Pup Joint	4,500"	4,000	6.08
	R58 9605'	Packers Plus 7" x 4-1/2" RockSEAL® II 10K Centralized Hydraulic Set Open Hole Packer PN: 102188-000003 (6 shear pins at 324 psi each; 1,944 psi setting pressure)	6,750"	3,750	5.24
		3" x 4-1/2" 11.88 P-110 LTC Pup Joint	4,500"	4,000	3.07
Stage 1 9,800' 273 hbls		4-1/2" 11,808 P-110 LTC LINER JOINTS: 3	4,500"	4,000	128.01
		6" x 4-1/2" 11.88 P-110 LTC Pup Joint	4,500"	4,000	6.05
		Packers Plus 4-1/2" Dual Hydraulic FracPORT™ Centralized PN: 109808-000002 (10 pins at 394 psi each; 3,940 psi Upper) / (7 pins at 630 psi each; 4,410 psi Lower)	6,030"	3,750	4.34
		3" x 4-1/2" 11.88 P-110 LTC Pup Joint	4,500"	4,000	3.06
Toe Sub 9,812'		6" x 4-1/2" 11.88 P-110 LTC Pup Joint	4,500"	4,000	5.99
		Packers Plus 4-1/2" Toe Circulating Sub w/ 1,000" Seat for 1,250" High Pressure Ball PN: 103699-000003 (3 pins at 358 psi each; 1,074 psi closing pressure)	5,500"	NA	2.73
		4-1/2" LTC Single Valve Float Collar PN: 104733	5,000"	NA	1.33
		6" x 4-1/2" 11.88 P-110 LTC Pup Joint	4,500"	4,000	6.07
		4-1/2" LTC Single Valve Float Collar PN: 104733	5,000"	NA	1.35
		4-1/2" LTC Guide Shoe PN: 104816-000002	5,900"	2,250	0.75
Midland, TX 432-583-8024 Keith Martin			Chad Williams 405-295-3223		

PACKERS PLUS - PACKER PLACEMENT

Item	Description	Length	Landed @	Accumulated	Proposed
			Actual MD		
			9826.00		
	Guide Shoe	0.75	9825.25	0.75	
	Float Collar	1.35	9823.90	2.10	
	4-1/2" 11.6# P-110 LTC 6' Pup Jt	6.07	9817.83	8.17	
	Float Collar	1.33	9816.50	9.50	
	Toe Circulating Sub	2.73	9813.77	12.23	
	4-1/2" 11.6# P-110 LTC 6' Pup Jt	5.99	9807.78	18.22	
	4-1/2" 11.6# P-110 LTC 3' Pup Jt	3.08	9804.70	21.30	
	Dual Hyd.FRAC PORT	4.34	9800.36	25.64	9800.00
	4-1/2" 11.6# P-110 LTC 6' Pup Jt	6.05	9794.31	31.69	
1	One Jt. 4-1/2" 11.6# P-110 LTC Liner	43.46	9750.85	75.15	
2	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.48	9708.37	117.63	
3	One Jt. 4-1/2" 11.6# P-110 LTC Liner	43.07	9665.30	160.70	
	4-1/2" 11.6# P-110 LTC 3' Pup Jt	3.07	9662.23	163.77	
	ROCK SEAL II OPENHOLE PACKER	5.24	9656.99	169.01	9665.00
	4-1/2" 11.6# P-110 LTC 6' Pup Jt	6.08	9650.91	175.09	
4	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.78	9608.13	217.87	
5	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.05	9566.08	259.92	
6	One Jt. 4-1/2" 11.6# P-110 LTC Liner	43.24	9522.84	303.16	
	2.00 Drillable Frac Port	2.65	9520.19	305.81	9530.00
7	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.99	9477.20	348.80	
8	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.83	9434.37	391.63	
9	One Jt. 4-1/2" 11.6# P-110 LTC Liner	44.08	9390.29	435.71	
	4-1/2" 11.6# P-110 LTC 3' Pup Jt	3.05	9387.24	438.76	
	ROCK SEAL II OPENHOLE PACKER	5.24	9382.00	444.00	9395.00
	4-1/2" 11.6# P-110 LTC 6' Pup Jt	6.04	9375.96	450.04	
10	One Jt. 4-1/2" 11.6# P-110 LTC Liner	41.77	9334.19	491.81	
11	One Jt. 4-1/2" 11.6# P-110 LTC Liner	43.53	9290.66	535.34	
12	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.78	9247.88	578.12	
	2.125 Drillable Frac Port	2.65	9245.23	580.77	9260.00
13	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.98	9202.25	623.75	
14	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.82	9159.43	666.57	
15	One Jt. 4-1/2" 11.6# P-110 LTC Liner	43.19	9116.24	709.76	
16	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.31	9073.93	752.07	
	4-1/2" 11.6# P-110 LTC 3' Pup Jt	3.04	9070.89	755.11	
	ROCK SEAL II OPENHOLE PACKER	5.24	9065.65	760.35	9060.00
	4-1/2" 11.6# P-110 LTC 6' Pup Jt	5.98	9059.67	766.33	
17	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.62	9017.05	808.95	
18	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.57	8974.48	851.52	
19	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.28	8932.20	893.80	
20	One Jt. 4-1/2" 11.6# P-110 LTC Liner	43.14	8889.06	936.94	
21	One Jt. 4-1/2" 11.6# P-110 LTC Liner	43.44	8845.62	980.38	
	2.25 Drillable Frac Port	2.64	8842.98	983.02	8860.00
22	One Jt. 4-1/2" 11.6# P-110 LTC Liner	43.07	8799.91	1026.09	
23	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.93	8756.98	1069.02	

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24	One Jt. 4-1/2" 11.6# P-110 LTC Liner	44.06	8712.92	1113.08	
25	One Jt. 4-1/2" 11.6# P-110 LTC Liner	43.18	8669.74	1156.26	
	4-1/2" 11.6# P-110 LTC 3' Pup Jt	3.05	8666.69	1159.31	
	ROCK SEAL II OPENHOLE PACKER	5.24	8661.45	1164.55	8885.00
	4-1/2" 11.6# P-110 LTC 6' Pup Jt	6.05	8655.40	1170.60	
26	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.81	8612.59	1213.41	
27	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.96	8569.63	1256.37	
28	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.86	8526.77	1299.23	
29	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.87	8483.90	1342.10	
	2.375 Drillable Frac Port	2.65	8481.25	1344.75	8470.00
30	One Jt. 4-1/2" 11.6# P-110 LTC Liner	41.94	8439.31	1386.69	
31	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.69	8396.62	1429.38	
32	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.49	8354.13	1471.87	
33	One Jt. 4-1/2" 11.6# P-110 LTC Liner	43.57	8310.56	1515.44	
34	One Jt. 4-1/2" 11.6# P-110 LTC Liner	39.12	8271.44	1554.56	
	4-1/2" 11.6# P-110 LTC 3' Pup Jt	3.04	8268.40	1557.60	
	ROCK SEAL II OPENHOLE PACKER	5.24	8263.16	1562.84	8250.00
	4-1/2" 11.6# P-110 LTC 6' Pup Jt	6.01	8257.15	1568.85	
35	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.85	8214.30	1611.70	
36	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.88	8171.42	1654.58	
37	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.83	8128.59	1697.41	
38	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.50	8086.09	1739.91	
39	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.92	8043.17	1782.83	
	2.50 Drillable Frac Port	2.64	8040.53	1785.47	8030.00
40	One Jt. 4-1/2" 11.6# P-110 LTC Liner	43.66	7996.87	1829.13	
41	One Jt. 4-1/2" 11.6# P-110 LTC Liner	43.23	7953.64	1872.36	
42	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.86	7910.78	1915.22	
43	One Jt. 4-1/2" 11.6# P-110 LTC Liner	43.05	7867.73	1958.27	
	4-1/2" 11.6# P-110 LTC 3' Pup Jt	3.04	7864.69	1961.31	
	ROCK SEAL II OPENHOLE PACKER	5.24	7859.45	1966.55	7847.00
	4-1/2" 11.6# P-110 LTC 6' Pup Jt	6.08	7853.37	1972.63	
44	One Jt. 4-1/2" 11.6# P-110 LTC Liner	44.03	7809.34	2016.66	
45	One Jt. 4-1/2" 11.6# P-110 LTC Liner	44.06	7765.28	2060.72	
46	One Jt. 4-1/2" 11.6# P-110 LTC Liner	43.26	7722.02	2103.98	
47	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.79	7679.23	2146.77	
	2.625 Drillable Frac Port	2.64	7676.59	2149.41	7665.00
48	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.86	7633.73	2192.27	
49	One Jt. 4-1/2" 11.6# P-110 LTC Liner	42.34	7591.39	2234.61	
50	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.02	7551.37	2274.63	
51	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.06	7511.31	2314.69	
52	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.02	7471.29	2354.71	
53	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.00	7431.29	2394.71	
	4-1/2" 11.6# P-110 LTC 3' Pup Jt	3.04	7428.25	2397.75	
	ROCK SEAL II OPENHOLE PACKER	5.23	7423.02	2402.98	7440.00
	4-1/2" 11.6# P-110 LTC 6' Pup Jt	6.01	7417.01	2408.99	
54	One Jt. 4-1/2" 11.6# P-110 LTC Liner	39.98	7377.03	2448.97	
55	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.06	7336.97	2489.03	
56	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.06	7296.91	2529.09	

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57	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.02	7256.89	2569.11	
58	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.03	7216.86	2609.14	
	2.75 Drillable Frac Port	2.65	7214.21	2611.79	7215.00
59	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.01	7174.20	2651.80	
60	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.04	7134.16	2691.84	
61	One Jt. 4-1/2" 11.6# P-110 LTC Liner	39.96	7094.20	2731.80	
62	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.04	7054.16	2771.84	
	4-1/2" 11.6# P-110 LTC 3' Pup Jt	3.05	7051.11	2774.89	
	ROCK SEAL II OPENHOLE PACKER	5.24	7045.87	2780.13	7062.00
	4-1/2" 11.6# P-110 LTC 6' Pup Jt	6.04	7039.83	2786.17	
63	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.03	6999.80	2826.20	
64	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.05	6959.75	2866.25	
65	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.01	6919.74	2906.26	
	2.875 Drillable Frac Port	2.64	6917.10	2908.90	6910.00
66	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.07	6877.03	2948.97	
67	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.05	6836.98	2989.02	
68	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.09	6796.89	3029.11	
69	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.05	6756.84	3069.16	
	4-1/2" 11.6# P-110 LTC 3' Pup Jt	3.04	6753.80	3072.20	
	ROCK SEAL II OPENHOLE PACKER	5.23	6748.57	3077.43	6730.00
	4-1/2" 11.6# P-110 LTC 6' Pup Jt	5.98	6742.59	3083.41	
70	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.06	6702.53	3123.47	
71	One Jt. 4-1/2" 11.6# P-110 LTC Liner	39.99	6662.54	3163.46	
72	One Jt. 4-1/2" 11.6# P-110 LTC Liner	39.99	6622.55	3203.45	
73	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.00	6582.55	3243.45	
74	One Jt. 4-1/2" 11.6# P-110 LTC Liner	38.17	6544.38	3281.62	
	3.00 Drillable Frac Port	2.65	6541.73	3284.27	6550.00
75	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.02	6501.71	3324.29	
76	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.01	6461.70	3364.30	
77	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.02	6421.68	3404.32	
78	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.02	6381.66	3444.34	
	4-1/2" 11.6# P-110 LTC 3' Pup Jt	3.07	6378.59	3447.41	
	ROCK SEAL II OPENHOLE PACKER	5.23	6373.36	3452.64	6370.00
	4-1/2" 11.6# P-110 LTC 6' Pup Jt	6.12	6367.24	3458.76	
79	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.01	6327.23	3498.77	
80	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.02	6287.21	3538.79	
81	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.06	6247.15	3578.85	
82	One Jt. 4-1/2" 11.6# P-110 LTC Liner	39.49	6207.66	3618.34	
	3.125 Drillable Frac Port	2.65	6205.01	3620.99	6190.00
83	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.03	6164.98	3661.02	
84	One Jt. 4-1/2" 11.6# P-110 LTC Liner	39.99	6124.99	3701.01	
85	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.04	6084.95	3741.05	
86	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.04	6044.91	3781.09	
	4-1/2" 11.6# P-110 LTC 3' Pup Jt	3.05	6041.86	3784.14	
	ROCK SEAL II OPENHOLE PACKER	5.24	6036.62	3789.38	6020.00
	4-1/2" 11.6# P-110 LTC 6' Pup Jt	6.09	6030.53	3795.47	
87	One Jt. 4-1/2" 11.6# P-110 LTC Liner	39.99	5990.54	3835.46	
88	One Jt. 4-1/2" 11.6# P-110 LTC Liner	40.00	5950.54	3875.46	

Packers Plus		Do It Once Do It Right		Page 1
Operator:	Mewbourne Oil and Gas	Base Point:	Midland TX	
Company Rep:	Levi Jackson and Bubba Smith	Packers Plus Rep:	Juan DeLaCruz	
Well Name:	Pierce Crossing 36 St. 2H	Date Started:	12/27/2009	
Ticket Number:	20410-552	Date Completed:	12/30/2009	
County/State:	Eddy CO NM	Type of Job:	12 Stage Stac Frac	
DETAIL THE JOB - THIS FORM USED TO REPORT WHAT ACTUALLY TOOK PLACE - FILL OUT COMPLETELY				
DATE	TIME			
12/27/09	7:00 PM	Arrived on location and checked in with Bubba Smith, Company Rep for Mewbourne Oil and Gas. Received information from him and said that rig was coming out of hole with directional tools. Asked if there were any problems with well and he said not any.		
	7:30 PM	Went out and check tools on location and made sure everything was accounted for. Look good. Drifted all frac parts and were good. Sheared off pins on RSII's and made sure they were pinned to specs as well. Checked OD, ID's of tools and also Perma Plus for broken slips. Looks good. Asked Bubba if he wanted to witness drifts, and said that it would be done when we drop balls through when installing.		
	8:45 PM	Went over to the directional hands trailer and received a copy of the survey for the lateral and e-mail that with other information to Westley Everett with Packers Plus. Also received DP tallies from Directional hand.		
	9:00 PM	Tallied up the Dp and have 3.5 13.3# S-135 IF thread DP. 8431.27'		
	9:20 PM	Tallied up the Liner - 4.5 11.6# P-110 LTC thread 4295.05' 104 Joints Will wait on Packer placement to be received at later time.		
	10:00 PM	Waiting on rig to get out of hole with directional tools.		
12/28/09	4:30 AM	Picking up new BHA. 41.18' Will run Reamer 1 jt. Above bit sub. Will then run 53 stands of DP before picking up 7 Stands of DC to get above shoe.		
	8:00 AM	At shoe with Reamer. PU 100k SO 95k Will need to run in with rest of stands of DC (7) and then 35 stands of DP to get to bottom. Will need to pick up 3 joints to make up for old BHA. TD @ 9846'		
	8:30 AM	At 6073' and tagging up a little bit. Worked through spot and ran through a few times to clean up and make sure we are able to slide through.		
	9:00 AM	At 6400' and tagged up. Could not work past spot so picked up Kelly to ream out and clean up. Reaming 55 RPM 6 bbls/min 1500 psi. Cleaned up spot and continued downhole.		
	10:15 AM	At 7690 and tagging up. Picked up Kelly to ream out and clean up. 55 RPM 6.5 bbl/min 1800 psi. Cleaned up depth and continued down hole. Not taking much to clean up. May be some bridges or ledges needing little attention.		
	12:15 PM	At 9350 and tagged up. Will pick up Kelly to ream out. Reaming @ 55 RPM 7 bbl/min 1900 psi. Cleaned up and continued downhole.		
	1:15 PM	On bottom with Reamer. PU 125k SO 50K Will circulate for 1 hour and a half and then make a 41 stand short trip back into casing and then to bottom. Circulation- 7 bbls/min 1850 psi. 55 RPM working pipe full joint every 15 minutes.		
	3:00 PM	Starting out to casing shoe. Pulling 125k coming out of hole.		
	4:50 PM	Back into casing. Will start back to bottom and note any problems. PU 100k SO 95k		
	6:50 PM	At 9170' and tagging up. Tried to work through depth but could not get by. Picked up Kelly and reamed out to clean up. Reaming 6.5 bbls/min 1800 psi. 55 RPM		
	7:25 PM	On bottom with Reamer. PU 125k SO 55K Talked to Frosty with Mewbourne Oil and Gas and suggested making a 7 stand short trip before circulation. Back to where we had tagged up. Said that would be fine and will not circulate till we have short trip done.		
	8:30 PM	Back on bottom again and did not see anything @ 9170' Looks good and ready for system run. Will circulate for 1 hour and a half and then will pump slick pill before coming out of hole to DC, which at that point we will drop rabbit. Circulation- 7 bbls/min 2000 psi RPM- 55 Working pipe up full joint every 15 minutes.		

 Do It Once Do It Right		Page 2	
Operator:	Mewbourne Oil and Gas	Base Point:	Midland TX
Company Rep:	Levi Jackson and Bubba Smith	Packers Plus Rep:	Juan DeLaCruz
Well Name:	Pierce Crossing 36 St. 2H	Date Started:	40174
Ticket Number:	20410-552	Date Completed:	40177
County/State:	Eddy CO NM	Type of Job:	12 Stage Stac Frac
DATE	TIME		
12/28/09	9:00 PM	Packer Placement was approved by Levi Jackson with Mewbourne Oil and Gas. Had to make a change and take out last RSII from system string. Called Keith Martin w/ Packers Plus to make sure everyone on same page about change. Said he would get approved.	
	9:20 PM	Starting out of hole with Reamer. Pulling 125k coming out of hole.	
	10:45 PM	At DC stands and will drop rabbit down with 120' tattle tail. Will continue out of hole until we have reamer on bank.	
12/29/09	2:20 AM	Out of hole with Reamer. Looks good. Will lay down and then start rigging up laydown machine and casing crews. Also change in system run was approved and will leave out last RSII on stac frac.	
	4:45 AM	Held a safety meeting with everyone involved and made sure everyone was aware of issue and jobs performed while picking up tools.	
	5:15 AM	Picking up Toe sub. Will fill up with water hose to check floats. Checked good. Will be using pipe clamp for first 25 joints till wait is established. Filling up with 2% KCL every 20 joints as well.	
	5:30 AM	Picking up Hyd Frac Port.	
	6:00 AM	Picking up RSII.	
	6:20 AM	Picked up 2.00 Frac Drillable Frac port and dropped a 2.00 ball through seat and also dropped a 2.125 ball to make sure it seat. Checked good.	
	6:30 AM	Picking up RSII.	
	6:43 AM	Picked up 2.125 Frac Drillable Frac port and dropped a 2.125 ball through seat and also dropped a 2.25 ball to make sure it seat. Checked good.	
	6:55 AM	Picking up RSII.	
	7:35 AM	Picked up 2.25 Frac Drillable Frac port and dropped a 2.25 ball through seat and also dropped a 2.375 ball to make sure it seat. Checked good.	
	7:45 AM	Picking up RSII.	
	8:00 AM	Picked up 2.375 Frac Drillable Frac port and dropped a 2.375 ball through seat and also dropped a 2.50 ball to make sure it seat. Checked good.	
	8:10 AM	Picking up RSII.	
	8:20 AM	Picked up 2.50 Frac Drillable Frac port and dropped a 2.50 ball through seat and also dropped a 2.625 ball to make sure it seat. Checked good.	
	8:40 AM	Picking up RSII.	
	8:55 AM	Picked up 2.625 Frac Drillable Frac port and dropped a 2.625 ball through seat and also dropped a 2.75 ball to make sure it seat. Checked good.	
	9:05 AM	Picking up RSII.	
	9:25 AM	Picked up 2.75 Frac Drillable Frac port and dropped a 2.75 ball through seat and also dropped a 2.875 ball to make sure it seat. Checked good.	
	9:40 AM	Picking up RSII.	
	9:50 AM	Picked up 2.875 Frac Drillable Frac port and dropped a 2.875 ball through seat and also dropped a 3.00 ball to make sure it seat. Checked good.	
	10:10 AM	Picking up RSII.	
	10:20 AM	Picked up 3.00 Frac Drillable Frac port and dropped a 3.00 ball through seat and also dropped a 3.125 ball to make sure it seat. Checked good.	
	10:35 AM	Picking up RSII.	
	10:50 AM	Picked up 3.125 Frac Drillable Frac port and dropped a 3.125 ball through seat and also dropped a 3.25 ball to make sure it seat. Checked good.	
	11:00 AM	Picking up RSII.	

 Do It Once Do It Right		Page 3
Operator:	Mewbourne Oil and Gas	Base Point: Midland TX
Company Rep:	Levi Jackson and Bubba Smith	Packers Plus Rep: Juan DeLaCruz
Well Name:	Pierce Crossing 36 St. 2H	Date Started: 40174
Ticket Number:	20410-552	Date Completed: 40177
County/State:	Eddy CO NM	Type of Job: 12 Stage Stac Frac
DATE	TIME	
	11:20 AM	Picked up 3.25 Frac Drillable Frac port and dropped a 3.25 ball through seat and also dropped a 3.50 ball to make sure it seat. Checked good.
	11:40 AM	Picking up Perma-Plus Liner hanger and tied into 4.5 Liner stump. Checked again for any broken pieces and checked shear pins. Looks good.
	12:00 PM	Will start down hole with 9 stands of Dp and then run 7 stands of DC. This would put us at shoe and will fill up with 2% KCL at this point before going into open hole.
	1:10 PM	Broke circulation with 200 psi 1.5 bbls/min At shoe with System. PU 90k SO 70k Will need to run in with 7 more stands of DC and then 36 stands of Dp to get to measured depth of 9826'.
	3:50 PM	On bottom with system. Looked good getting to bottom and had no problems. PU 125k SO 50K Will break circulation with pump truck and shut down. 2 bbls/min 500 psi. Company Rep Levi Jackson and Frosty agree that they do not want to pump anything ahead of ball so will drop at this point. Should take 100 bbls to seat. Dropping 1.50 ball.
	4:25 PM	Ball on seat with 100 bbls pumped. Pressure @ 700 psi. Picked up on pressure to 1500 psi and held for 5 minutes. Went up to floor and ran a pull/push test picking up 30k over PU wt and slacking off 30k of SO wt. Repeated three times and will set rest of RSII's. Mewbourne wanted to set rest of packers before getting an annular test.
	4:40 PM	Pressure up to 3000 psi and held for 30 minutes. Bled off lines.
	5:45 PM	Hooked up to annular side of well and pressure up to 1000 psi and held for 2 minutes. Picked up to 2000 psi and held for 2 minutes. Picked up to 3000 psi and held for 30 min.
	6:30 PM	Test was good. Bled off through manifold and will hook back up to Dp.
	6:50 PM	Had driller put the string into neutral wt. (100K) and set slips. Rotated 5 rounds to the right and got zero rounds back. Rotated another 5 rounds and got back half round. Picked up on string and pulled out of Perma-plus weighing 100k. Picked up 5 feet and started circulating rest of wellbore out with 2% KCL.
12/30/09	7:20 PM	Will wait on setting tool to get out of hole.
	3:00 AM	Out with Setting tool. Inspected and shear pins sheared and tool looks good. Layed down and put with other tools going back to Midland TX.
	6:00 AM	Got paper work signed and released from job.

Packers Plus		Do It Once Do It Right		Job Record	
Operator:	Membrane Oil and Gas		Base Point:	Midland TX	
Company Rep:	Lavi Jackson Bubba Smith		Packers Plus Rep:	Juan DeLaCruz	
Well Name:	Pierce Crossing 36 Stage 2H		Date Started:	12/27/2008	
Ticket Number:	20410-052		Date Completed:	12/30/2009	
County/State:	Eddy Co NM		Type of Job:	12 Stage Stac Free	
Field:	Sec 36, T24S, R25E		Formation:	Cherry Canyon Delaware Sand	
Legal Description of Location					
DETAIL THE JOB - THIS FORM USED TO REPORT WHAT ACTUALLY TOOK PLACE - FILL OUT COMPLETELY					
General Well Information			Stages		
Well Profile	Open	open	Y	H	Number of Stages
	Cased		D	M	12
Depth TVD	5481		Distance Between Stages		
Depth MD	9846		Top to Stage 1		
Lateral Length	5096		Stage 1 to Stage 2		
KOP	4750		Stage 2 to Stage 3		
Hole Size	6.125		Stage 3 to Stage 4		
BHP			Stage 4 to Stage 5		
BHT			Stage 5 to Stage 6		
Rotary Run?	yes	Size	Stage 6 to Stage 7		
Build Rate	10100		Stage 7 to Stage 8		
Max Dog Leg	28.45		Stage 8 to Stage 9		
Angle of Pasma Plus	89 degrees		Stage 9 to Stage 10		
			Stage 10 to Stage 11		
			Stage 11 to Stage 12		
			Average Stage Length		
			336.3		
			Planned Depth Bullet Guide		
			9820		
			Actual Depth Bullet Guide		
			9828		
			Distance Off		
			0		
WORK STRING INFORMATION					
Casing	Weight	Thread	ID	Capacity	Grade
7	26#	LTC	6.27	0.0383	P-110
Drill Pipe	Weight	Thread	ID	Capacity	Grade
3.5	13.3	IF	2.78	0.00742	S-135
Heavy Weight	Weight	Thread	ID	Capacity	Grade
Drill Collar	Weight	Thread	ID	Capacity	Grade
4.75	46.8	IF	2.25	0.00492	S-135
Liner	Weight	Thread	ID	Capacity	Grade
4.5	11.6	LTC	4	0.0133	P-110
Well Data	MD	TVD	KOP	Shoe	Open Hole
	9846	5481	4750		
				9826	5096
					6.125
					0.0188
FLUIDS					
Mud Weight		Mud Type		Fill Fluid	Fill Weight
8.8		Polymer		8.4	2% KCL
Fluid Level in Annulus		PUMP		Elevator	LCM?
Start	surface	TYPE	SPM	Top Drive	Kelly
Change	no	P2-9	95		Weight
					45
					6k
AS RUN IN HOLE WEIGHTS					
Liner		Push Pipe		R.W.D.P.	D.P.
Air	Mud	Air	Mud	Air	Mud
48.253	42.850			60.138	52.320
Calculated Neutral Weight including Blocks:	100k		Weight When Released From PermaPulse:		100k
			Pipe Stretch in Inches Before Releasing:		20 inches
Setting Tool Part Number	PPST-023M		Free Port Part Number	108482-000049,50,51,52,53,54,55,56,57,58,59	
Packer Part Number	102188-000003		Special Part Number		
FTR / NCR	no		Problem on Job	no	
Notes:					