

Daily Drilling Report

Report Date:	3-Feb-17				
Company	Wyco Oil & Gas LLC	Job #		Ftg. Last 24 Hrs	TIH
Rig	Basic # 1727	Report #	8	Last Csg. Set	5 1/2" 23 lbs/Ft.
Well	University 20-12 # 1	Midn't Depth		Total PDM Hrs	

BHA #	1	Bit #	1	BHA#	Length	BHA#	Length
PDM Serial#	G544	Size	4.5	Item			
Drl hrs		Make	Halliburton	Bit	0.75		
Cir hrs.		Type	FX-62	X/O	1.2		
Cum. Drl. Hrs		Depth In	12033	3.75 Bico	22.53		
Cum. Cir. Hrs		Midn't Depth		X/O	1.52		
Bent Sub		Total Footage		NMDC	31.67		
Bent Hous	1.15	Hours		HOS	5.21		
Depth In	12033	ROP		NMDC	30.61		
Depth Out		Nozzles (TFA)	3 x 16	X/O	2.02		
WOB Rotating		Mud Type	Brine Polymer	21 Jts. 3.5 D/C	634.95		
Rotatry RPM		Weight	10.5	X/O	1.27		
Motor RPM		Viscosity	54				
GPM		PV/YP					
PSI off BTM		PH		TOTAL =	731.73	TOTAL =	
PSI on BTM		Water Loss	10	BHA Run Tally			
Hook Load		Solid Content		Rotate	Slide	Circulate	Total
P/U Weight		BH Temp. F.	175 F.				
S/O Weight		Chlorides	180000 PPM				

Time Log			Operation details and comments	Rot.	Slide	Motor Inventory	
From	To	Hours		Ftg.	Ftg.	Clean	
1630	1730	1.00	P/U Scientific Directional BHA			Dirty	
1730	1800	0.50	Test Motor & MWD			Comments	
1800	1900	1.00	Wait on crossover from bit to motor			Mtr. 3.75 Bico, 4:5, 4.3 stg., set on 1.15 Deg.	
1900	1915	0.25	M/U Bit			1.61 Rev/gal	
1915	2400	4.75	TIH with DD Tools			Daily Charges	
2400						Rig	\$15,000
						Mud	\$27,073.52
						Fuel	
						Rental	
						Directional	\$8,550
						Daily Total	\$50,624
						Cum Total	\$50,624
						Directional Representatives	
						Directional Driller's :	Bobby Hughes
						Mwd Engineers:	Steven Acosta
						Operator Representatives	
						Gary / Terry	
Total Hours=	7.50		Total				

Daily Drilling Report

Report Date:	4-Feb-17				
Company	Wyco Oil & Gas LLC	Job #		Ftg. Last 24 Hrs	TIH
Rig	Basic # 1727	Report #	9	Last Csg. Set	5 1/2" 23 lbs/Ft. @ 12,002'
Well	University 20-12 # 1	Midn't Depth	12247	Total PDM Hrs	12.25

BHA #	1	Bit #	1	BHA#	Length	BHA#	Length
PDM Serial#	G544	Size	4.5	Item			
Drl hrs	9.25	Make	Halliburton	Bit	0.75		
Cir hrs.	3	Type	FX-62	X/O	1.2		
Cum. Drl. Hrs	9.25	Depth In	12033	3.75 Bico	22.53		
Cum. Cir. Hrs	3	Midn't Depth	12247	X/O	1.52		
Bent Sub		Total Footage	214	NMDC	31.67		
Bent Hous	1.15	Hours	9.25	HOS	5.21		
Depth In	12033	ROP	23.14	NMDC	30.61		
Depth Out		Nozzles (TFA)	3 x 16	X/O	2.02		
WOB Rotating	8	Mud Type	Brine Polymer	21 Jts. 3.5 D/C	634.95		
Rotary RPM	40	Weight	10.5	X/O	1.27		
Motor RPM	243	Viscosity	54				
GPM	151	PV/YP					
PSI off BTM	2000	PH		TOTAL =	731.73	TOTAL =	
PSI on BTM	2200	Water Loss	10	BHA Run Tally			
Hook Load	96000	Solid Content		Rotate	Slide	Circulate	Total
P/U Weight	96500	BH Temp. F.	175 F.				
S/O Weight	94000	Chlorides	180000 PPM				

Time Log			Operation details and comments		Rot.	Slide	Motor Inventory	
From	To	Hours			Ftg.	Ftg.	Clean	
	330	3.50	Cont. TIH				Dirty	
330	500	1.50	Wash to BTM @ 12,033'				Comments	
500	600	1.00	Drlg.8K, 138gpm, 40rpm-F/12,033'-12,040'		7		Mtr. 3.75 Bico, 4:5, 4.3 stg., set on 1.15 Deg.	
600	615	0.25	Connection				1.61 Rev/gal	
615	745	1.50	Set up NOV-Totco Equipment				Daily Charges	
745	845	1.00	Drlg.8K, 138gpm, 40rpm-F/12,040'-12,065'		25		Rig	\$15,000
845	930	0.75	Calibrate NOV Sensors				Mud	
930	1015	0.75	Drlg.8K, 138gpm, 40rpm-F/12,065'-12,095'		30		Fuel	
1015	1030	0.25	Connection				Rental	
1030	1045	0.25	Drlg.8K, 150gpm, 40rpm-F/12,095'-12,106'		11		Directional	\$7,250
1045	1100	0.25	POOH to Csg. Shoe @ 12,002'					
1100	1615	5.25	Rig Repair					
1615	1645	0.50	TIH to 12,106'					
1645	1715	0.50	Drlg.8K, 150gpm, 40rpm-F/12,106'-12,125'		19			
1715	1730	0.25	Survey & Connection @ 12,076'-Inc.1.03, Azi. 157.47					
1730	1915	1.75	Drlg.8K, 150gpm, 40rpm-F/12,125'-12,155'		30			
1915	1930	0.25	Connection				Daily Total	\$22,250
1930	2100	1.50	Drlg.8K, 150gpm, 40rpm-F/12,155'-12,186'		31		Cum Total	\$72,874
2100	2115	0.25	Connection & Survey @ 12,167' Inc.1.07, Azi. 144.76				Directional Representatives	
2115	2215	1.00	Drlg.8K, 150gpm, 40rpm-F/12,186'-12,216'		30		Directional Driller's :	Bobby Hughes
2215	2230	0.25	Connection				Mwd Engineers:	Steven Acosta
2230	2345	1.25	Drlg.8K, 150gpm, 40rpm-F/12,216'-12,247'		31		Operator Representatives	
2345	2400	0.25	Connection				Gary / Terry	
2400								
Total Hours=	24.00		Total		214			

Daily Drilling Report

Report Date:	5-Feb-17				
Company	Wyco Oil & Gas LLC	Job #		Ftg. Last 24 Hrs	TIH
Rig	Basic # 1727	Report #	10	Last Csg. Set	5 1/2" 23 lbs/Ft. @ 12,002'
Well	University 20-12 # 1	Midn't Depth	12395	Total PDM Hrs	27.5

BHA #	1	Bit #	1	BHA#	1	BHA#	1
PDM Serial#	G544	Size	4.5	Item	Length	Item	Length
Drl hrs	13.25	Make	Halliburton	Bit	0.75		
Cir hrs.	2	Type	FX-62	X/O	1.2		
Cum. Drl. Hrs	22.5	Depth In	12033	3.75 Bico	22.53		
Cum. Cir. Hrs	5	Midn't Depth	12395	X/O	1.52		
Bent Sub	N/A	Total Footage	362	NMDC	31.67		
Bent Hous	1.15	Hours	22.5	HOS	5.21		
Depth In	12033	ROP	16.09	NMDC	30.61		
Depth Out	12395	Nozzles (TFA)	3 x 16	X/O	2.02		
WOB Rotating	8	Mud Type	Brine Polymer	21 Jts. 3.5 D/C	634.95		
Rotary RPM	40	Weight	10.5	X/O	1.27		
Motor RPM	243	Viscosity	54				
GPM	151	PV/YP					
PSI off BTM	2000	PH		TOTAL =	731.73	TOTAL =	
PSI on BTM	2200	Water Loss	10	BHA Run Tally			
Hook Load	96000	Solid Content		Rotate	Slide	Circulate	Total
P/U Weight	96500	BH Temp. F.	175 F.	148		2	148
S/O Weight	94000	Chlorides	180000 PPM				

Time Log			Operation details and comments	Rot.	Slide	Motor Inventory	
From	To	Hours		Ftg.	Ftg.	Clean	
	130	1.50	Drlg.8K, 150gpm, 40rpm-F/12,247'-12,278'	31		Dirty	
130	145	0.25	Connection			Comments	
145	400	2.25	Drlg.8K, 150gpm, 40rpm-F/12,278'-12,310'	32		Mtr. 3.75 Bico, 4:5, 4.3 stg., set on 1.15 Deg.	
400	415	0.25	Connection			1.61 Rev/gal	
415	700	2.75	Drlg.8K, 150gpm, 40rpm-F/12,310'-12,340'	30		Daily Charges	
700	715	0.25	connection				
715	730	0.25	Drlg.8K, 150gpm, 40rpm-F/12,340'-12,347'	7		Rig	\$15,000
730	800	0.50	Rig Repair			Mud	
800	1045	2.75	Drlg.8K, 150gpm, 40rpm-F/12,347'-12,370'	23		Fuel	
1045	1100	0.25	Connection			Rental	
1100	1330	2.50	Drlg.8K, 150gpm, 40rpm-F/12,370'-12,395'	25		Directional	\$8,450
1330	1430	1.00	Circulate to clean hole				
1430	1500	0.50	Rig Repair			Daily Rig Repair = 1.0 Hr's	
1500	1615	1.25	Drlg.8K, 150gpm, 40rpm-F/12,395'-12,395'			Total Rig Repair = 1.0 Hr's	
1615	2300	6.75	POOH				
2300	2400	1.00	L/D BHA # 1				
2400						Daily Total	\$23,450
						Cum Total	\$96,324
						Directional Representatives	
						Directional Driller's :	Bobby Hughes
						Mwd Engineers:	Steven Acosta
						Operator Representatives	
						Gary / Terry	
Total Hours=	24.00		Total	148			

Daily Drilling Report

Report Date:	6-Feb-17				
Company	Wyco Oil & Gas LLC	Job #		Ftg. Last 24 Hrs	82
Rig	Basic # 1727	Report #	11	Last Csg. Set	5 1/2" 23 lbs/Ft. @ 12,002'
Well	University 20-12 # 1	Midn't Depth	12477	Total PDM Hrs	11.75

BHA #	1	2	Bit #	1	2	BHA#	1	BHA#	2
PDM Serial#	G544	K192	Size	4.5	4.5	Item	Length	Item	Length
Drl hrs	13.25	9	Make	Halliburton	Halliburton	Bit	0.75	Bit	0.75
Cir hrs.	2	2.75	Type	FX-62	FX-62	X/O	1.2	X/O	1.2
Cum. Drl. Hrs	22.5	9	Depth In	12033	12395	3.75 Bico	22.53	3.75 Bico	21.31
Cum. Cir. Hrs	5	2.75	Midn't Depth	12395		X/O	1.52	X/O	1.52
Bent Sub	N/A	N/A	Total Footage	362		NMDC	31.67	NMDC	31.67
Bent Hous	1.15	1.5	Hours	22.5		HOS	5.21	HOS	5.21
Depth In	12033	12395	ROP	16.09		NMDC	30.61	NMDC	30.61
Depth Out	12395		Nozzles (TFA)	3 x 16	3 x 16	X/O	2.02	X/O	2.02
WOB Rotating	8	10	Mud Type	Brine Polymer	Brine Polymer	21 Jts. 3.5 D/C	634.95	21 Jts. 3.5 D/	634.95
Rotary RPM	40	40	Weight	10.5	10.5	X/O	1.27	X/O	1.27
Motor RPM	243	198	Viscosity	54	54				
GPM	151	118	PV/YP						
PSI off BTM	2000	2200	PH			TOTAL =	731.73	TOTAL =	730.51
PSI on BTM	2200	2350	Water Loss	10	10	BHA Run Tally			
Hook Load	96000	100500	Solid Content			Rotate	Slide	Circulate	Total
P/U Weight	96500	101000	BH Temp. F.	175 F.	175 F.	82		2.75	82
S/O Weight	94000	98500	Chlorides	180000 PPM	180000 PPM				

Time Log			Operation details and comments		Rot.	Slide	Motor Inventory		
From	To	Hours			Ftg.	Ftg.	Clean		
	30	0.50	Pick Up BHA # 2				Dirty		
30	200	1.50	TIH with Drill Collars				Comments		
200	230	0.50	Test MWD & Motor				Mtr. 3.75 Bico, 4:5, 4.3 stg., set on 1.50 Deg.		
230	900	6.50	TIH to 5 stds off BTM				1.61 Rev/gal		
900	1000	1.00	Wait on Tanmar for Generator						
1000	1030	0.50	TIH to BTM				Daily Charges		
1030	1100	0.50	P/U Swivel				Rig	\$15,000	
1100	1145	0.75	Circulate and work on Tanmar Generator				Mud		
1145	1200	0.25	Pick up 1 Jt. D/P and Calibrate Totco				Fuel		
1200	1215	0.25	Install Stripping Rubber				Rental		
1215	1415	2.00	Trouble shoot MWD				Directional	\$8,450	
1415	1500	0.75	Drlg.5K, 88gpm, 30rpm-F/12,395'-12,400'		5		Daily Rig Repair = 1.0 Hr's		
1500	1515	0.25	Connection				Total Rig Repair = 1.0 Hr's		
1515	1715	2.00	Drlg.5K, 88gpm, 30rpm-F/12,400'-12,430'		30		Daily MWD Down Time = 2.0		
1715	1730	0.25	Connection				Total MWD Down Time= 2.0		
1730	2030	3.00	Drlg.7K, 105gpm, 30rpm-F/12,430'-12,461'		31		Daily Total	\$23,450	
2030	2045	0.25	Connection				Cum Total	\$119,774	
2045	2400	3.25	Drlg.10K, 118gpm, 40rpm-F/12,461'-12,477'		16		Directional Representatives		
2400							Directional Driller's : Bobby Hughes		
							Mwd Engineers: Steven Acosta		
							Operator Representatives		
Total Hours=	24.00		Total		82				

Daily Drilling Report

Report Date:	7-Feb-17				
Company	Wyco Oil & Gas LLC	Job #		Ftg. Last 24 Hrs	117
Rig	Basic # 1727	Report #	12	Last Csg. Set	5 1/2" 23 lbs/Ft. @ 12,002'
Well	University 20-12 # 1	Midn't Depth	12594	Total PDM Hrs	31.25

BHA #	2	3	Bit #	2	3	BHA#	2	BHA#	3
PDM Serial#	K192		Size	4.5		<i>Item</i>	<i>Length</i>	<i>Item</i>	<i>Length</i>
Drl hrs	18.5		Make	Halliburton		Bit	0.75	Bit	
Cir hrs.	1		Type	FX-62		X/O	1.2	X/O	
Cum. Drl. Hrs	27.5		Depth In	12395		3.75 Bico	21.31	3.75 Bico	
Cum. Cir. Hrs	3.75		Midn't Depth	12594		X/O	1.52	X/O	
Bent Sub	N/A		Total Footage	199		NMDC	31.67	NMDC	
Bent Hous	1.5		Hours	27.5		HOS	5.21	HOS	
Depth In	12395		ROP	7.24		NMDC	30.61	NMDC	
Depth Out	12594		Nozzles (TFA)	3 x 16	3 x 16	X/O	2.02	X/O	
WOB Rotating	10	10	Mud Type	Brine Polymer	Brine Polymer	21 Jts. 3.5 D/C	634.95	21 Jts. 3.5 D/C	
Rotary RPM	40	40	Weight	10.5	10.5	X/O	1.27	X/O	
Motor RPM	198	198	Viscosity	54	54				
GPM	118	118	PV/YP						
PSI off BTM	2200	2200	PH			TOTAL =	730.51	TOTAL =	
PSI on BTM	2350	2350	Water Loss	10	10	BHA Run Tally			
Hook Load	100500	100500	Solid Content			Rotate	Slide	Circulate	Total
P/U Weight	101000	101000	BH Temp. F.	175 F.	175 F.	199		3.75	199
S/O Weight	92000	98500	Chlorides	180000 PPM	180000 PPM				

Time Log			Operation details and comments	Rot.	Slide	Motor Inventory			
From	To	Hours		Ftg.	Ftg.	Clean			
	300	3.00	Drlg,10K, 118gpm, 40rpm-F/12,477'-12,493'	16		Dirty			
300	315	0.25	Connection			Comments			
315	630	3.25	Drlg,5K, 118gpm, 40rpm-F/12,493'-12,522'	29		Mtr. 3.75 Bico, 4:5, 4.3 stg., set on 1.50 Deg.			
630	645	0.25	Connection			1.61 Rev/gal			
645	715	0.50	Circulate						
715	1115	4.00	Drlg,10K, 118gpm, 40rpm-F/12,522'-12,553'	31		Daily Charges			
1115	1130	0.25	Connection			Rig	\$15,000		
1130	1815	6.75	Drlg,10K, 118gpm, 40rpm-F/12,553'-12,583'	30		Mud			
1815	1830	0.25	Connection			Fuel			
1830	2000	1.50	Drlg,10K, 118gpm, 40rpm-F/12,583'-12,594'	11		Rental			
2000	2030	0.50	Circulate			Directional	\$8,450		
2030	2400	3.50	POOH for Bit			Daily Rig Repair = 1.0 Hr's			
						Total Rig Repair = 1.0 Hr's			
						Daily MWD Down Time = 2.0			
						Total MWD Down Time= 2.0			
						Daily Total	\$23,450		
						Cum Total	\$143,224		
						Directional Representatives			
						Directional Driller's :	Bobby Hughes		
						Mwd Engineers:	Steven Acosta		
						Operator Representatives			
						Randall Taylor			
Total Hours=	24.00		Total	117					

Daily Drilling Report

Report Date:	8-Feb-17				
Company	Wyco Oil & Gas LLC	Job #		Ftg. Last 24 Hrs	128
Rig	Basic # 1727	Report #	13	Last Csg. Set	5 1/2" 23 lbs/Ft. @ 12,002'
Well	University 20-12 # 1	Midn't Depth	12722	Total PDM Hrs	41

BHA #	2	3	Bit #	2	3	BHA#	2	BHA#	3
PDM Serial#	K192	K192	Size	4.5	4.5	Item	Length	Item	Length
Drl hrs	18.5	8.75	Make	Halliburton	Halliburton	Bit	0.75	Bit	0.75
Cir hrs.	1	1	Type	FX-62	FM3633Z	X/O	1.2	3.75 Bico	21.31
Cum. Drl. Hrs	27.5	36.25	Depth In	12395	12594	3.75 Bico	21.31	X/O	1.52
Cum. Cir. Hrs	3.75	4.75	Midn't Depth	12594		X/O	1.52	NMDC	31.67
Bent Sub	N/A	N/A	Total Footage	199		NMDC	31.67	HOS	5.21
Bent Hous	1.5	1.5	Hours	27.5		HOS	5.21	NMDC	30.61
Depth In	12395	12594	ROP	7.24		NMDC	30.61	X/O	2.02
Depth Out	12594		Nozzles (TFA)	3 x 16	3 x 16	X/O	2.02	21 Jts. 3.5 D/	634.95
WOB Rotating	10	10	Mud Type	Brine Polymer	Brine Polymer	21 Jts. 3.5 D/C	634.95	X/O	1.27
Rotary RPM	40	40	Weight	10.5	10.5	X/O	1.27		
Motor RPM	198	265	Viscosity	45	54				
GPM	118	165	PV/YP	12 & 17					
PSI off BTM	2200	3600	PH			TOTAL =	730.51	TOTAL =	729.31
PSI on BTM	2350	3900	Water Loss	10	10	BHA Run Tally			
Hook Load	100500	100500	Solid Content	11.70%	11.70%	Rotate	Slide	Circulate	Total
P/U Weight	101000	101000	BH Temp. F.	175 F.	175 F.	199		3.75	199
S/O Weight	92000	92000	Chlorides	180000 PPM	180000 PPM	128		1	129

Time Log			Operation details and comments			Rot.	Slide	Motor Inventory	
From	To	Hours				Ftg.	Ftg.	Clean	
	215	2.25	Cont.POOH					Dirty	
215	315	1.00	Chg.out BHA & Bit					Comments	
315	400	0.75	TIH 21 D/C's					Mtr. 3.75 Bico, 4:5, 4.3 stg., set on 1.50 Deg.	
400	415	0.25	Test Motor & MWD					1.61 Rev/gal	
415	830	4.25	TIH to Casing Shoe						
830	1100	2.50	Rig Repair					Daily Charges	
1100	1215	1.25	TIH					Rig	\$15,000
1215	1315	1.00	P/U Swivel & Stripping Head					Mud	
1315	1400	0.75	Wash To Btm.					Fuel	
1400	1415	0.25	Survey & Connection @ 12,536', 1.23 Inc, Azi.					Rental	
1415	1530	1.25	Drlg,10K, 165gpm, 40rpm-F/12,594'-12,613'			19		Directional	\$8,050
1530	1545	0.25	Connection						
1545	1745	2.00	Drlg,10K, 165gpm, 40rpm-F/12,613'-12,645'			32		Daily Rig Repair = 1.0 Hr's	
1745	1800	0.25	Connection					Total Rig Repair = 1.0 Hr's	
1800	2000	2.00	Drlg,10K, 165gpm, 40rpm-F/12,645'-12,675'			30		Daily MWD Down Time = 2.0	
2000	2015	0.25	Connection					Total MWD Down Time= 2.0	
2015	2230	2.25	Drlg,10K, 165gpm, 40rpm-F/12,675'-12,705'			30		Daily Total	\$23,050
2230	2245	0.25	Connection					Cum Total	\$166,274
2245	2400	1.25	Drlg,10K, 165gpm, 40rpm-F/12,705'-12,722'			17		Directional Representatives	
2400								Directional Driller's :	Bobby Hughes
								Mwd Engineers:	Steven Acosta
								Operator Representatives	
								Randall Taylor	
Total Hours=	24.00		Total			128			

Daily Drilling Report

Report Date:	9-Feb-17				
Company	Wyco Oil & Gas LLC	Job #		Ftg. Last 24 Hrs	245
Rig	Basic # 1727	Report #	14	Last Csg. Set	5 1/2" 23 lbs/Ft. @ 12,002'
Well	University 20-12 # 1	Midn't Depth	12967	Total PDM Hrs	63.5

BHA #	3	4	Bit #	3	4	BHA#	3	BHA#	3
PDM Serial#	K192		Size	4.5		Item	Length	Item	Length
Drl hrs	21.25		Make	Halliburton		Bit	0.75		
Cir hrs.	1.25		Type	FM3633Z		3.75 Bico	21.31		
Cum. Drl. Hrs	57.5		Depth In	12594		X/O	1.52		
Cum. Cir. Hrs	6		Midn't Depth			NMDC	31.67		
Bent Sub	N/A		Total Footage			HOS	5.21		
Bent Hous	1.5		Hours			NMDC	30.61		
Depth In	12594		ROP			X/O	2.02		
Depth Out			Nozzles (TFA)	3 x 16		21 Jts. 3.5 D/C	634.95		
WOB Rotating	10	10	Mud Type	Brine Polymer	Brine Polymer	X/O	1.27		
Rotary RPM	40	40	Weight	10.5	10.5				
Motor RPM	265	265	Viscosity	45	54				
GPM	155	165	PV/YP	12 & 17					
PSI off BTM	3400	3600	PH			TOTAL =	729.31	TOTAL =	
PSI on BTM	3700	3900	Water Loss	10	10	BHA Run Tally			
Hook Load	100500	100500	Solid Content	11.70%	11.70%	Rotate	Slide	Circulate	Total
P/U Weight	101000	101000	BH Temp. F.	175 F.	175 F.	245			245
S/O Weight	92000	92000	Chlorides	180000 PPM	180000 PPM	21.25		1	22.25

Time Log			Operation details and comments			Rot.	Slide	Motor Inventory	
From	To	Hours				Ftg.	Ftg.	Clean	
	100	1.00	Drlg,10K, 100gpm, 40rpm-F/12,722'-12,734'			12		Dirty	
100	115	0.25	Connection					Comments	
115	345	2.50	Drlg,10K, 100gpm, 40rpm-F/12,734'-12,765'			31		Mtr. 3.75 Bico, 4:5, 4.3 stg., set on 1.50 Deg.	
345	400	0.25	Connection					1.61 Rev/gal	
400	700	3.00	Drlg,10K, 118gpm, 40rpm-F/12,765'-12,797'			32			
700	715	0.25	Connection					Daily Charges	
715	1200	4.75	Drlg,10K, 118gpm, 40rpm-F/12,797'-12,828'			31		Rig	\$15,000
1200	1215	0.25	Survey & Conn. @ 12,781'-1.38 Inc, 120.70 Azi.					Mud	
1215	1245	0.50	Drlg,10K, 118gpm, 40rpm-F/12,828'-12,830'			2		Fuel	
1245	1330	0.75	Circulate					Rental	
1330	1530	2.00	Drlg,10K, 134gpm, 40rpm-F/12,830'-12,859'			29		Directional	\$7,250
1530	1545	0.25	Connection						
1545	1745	2.00	Drlg,10K, 155gpm, 40rpm-F/12,859'-12,890'			31		Daily Rig Repair = 1.0 Hr's	
1745	1800	0.25	Connection					Total Rig Repair = 1.0 Hr's	
1800	1915	1.25	Drlg,10K, 155gpm, 40rpm-F/12,890'-12,921'			31		Daily MWD Down Time = 2.0	
1915	1930	0.25	Connection					Total MWD Down Time= 2.0	
1930	2145	2.25	Drlg,10K, 155gpm, 40rpm-F/12,921'-12,952'			31		Daily Total	\$22,250
2145	2200	0.25	Survey & Conn. @ 12,905'-1.21 Inc, 113.75 Azi.					Cum Total	\$188,524
2200	2400	2.00	Drlg,10K, 155gpm, 40rpm-F/12,952'-12,967'			15		Directional Representatives	
2400								Directional Driller's :	Bobby Hughes
								Mwd Engineers:	Steven Acosta
								Operator Representatives	
								Randall Taylor	
Total Hours=	24.00		Total			245			

Daily Drilling Report

Report Date:	10-Feb-17				
Company	Wyco Oil & Gas LLC	Job #		Ftg. Last 24 Hrs	46
Rig	Basic # 1727	Report #	15	Last Csg. Set	5 1/2" 23 lbs/Ft. @ 12,002'
Well	University 20-12 # 1	Midn't Depth	13013	Total PDM Hrs	39.25

BHA #	3	4	Bit #	3	4	BHA#	3	BHA#	4
PDM Serial#	K192	G1015	Size	4.5	4.5	<i>Item</i>	<i>Length</i>	<i>Item</i>	<i>Length</i>
Drl hrs	7.5		Make	Halliburton	DB Bits	Bit	0.75	Bit	0.75
Cir hrs.			Type	FM3633Z	D511	3.75 Bico	21.31	3.75 Bico	22.57
Cum. Drl. Hrs	37.75		Depth In	12594	13013	X/O	1.52	X/O	1.52
Cum. Cir. Hrs	1.5		Midn't Depth	13013		NMDC	31.67	NMDC	31.67
Bent Sub	N/A		Total Footage	419		HOS	5.21	HOS	5.21
Bent Hous	1.5		Hours	37.75		NMDC	30.61	NMDC	30.61
Depth In	12594	13013	ROP	11.10		X/O	2.02	X/O	2.02
Depth Out	13013		Nozzles (TFA)	6 x 12	5 x 16	21 Jts. 3.5 D/C	634.95	21 Jts. 3.5 D/	634.95
WOB Rotating	10	10	Mud Type	Brine Polymer	Brine Polymer	X/O	1.27	X/O	1.27
Rotary RPM	40	40	Weight	10.5	10.5				
Motor RPM	265	265	Viscosity	45	54				
GPM	155	165	PV/YP	12 & 17					
PSI off BTM	3400	3600	PH			TOTAL =	729.31	TOTAL =	730.57
PSI on BTM	3700	3900	Water Loss	10	10	BHA Run Tally			
Hook Load	100500	100500	Solid Content	11.70%	11.70%	Rotate	Slide	Circulate	Total
P/U Weight	101000	101000	BH Temp. F.	175 F.	175 F.	419			419
S/O Weight	92000	92000	Chlorides	180000 PPM	180000 PPM	37.75		1.5	39.25

Time Log			Operation details and comments	Rot.	Slide	Motor Inventory			
From	To	Hours		Ftg.	Ftg.	Clean			
	330	3.50	Drlg,10K, 155gpm, 40rpm-F/12,967'-12,983'	16		Dirty			
330	345	0.25	Connection			Comments			
345	745	4.00	Drlg,10K, 155gpm, 40rpm-F/12,983'-13,013'	30		Mtr. 3.75 Bico, 4:5, 4.3 stg., set on 1.50 Deg.			
745	1600	8.25	POOH			1.61 Rev/gal			
1600	1730	1.50	Chg.out BHA			Daily Charges			
1730	1830	1.00	TIH with D/C's			Rig	\$15,000		
1830	1845	0.25	Test Motor & MWD			Mud			
1845	2400	5.25	TIH			Fuel			
2400						Rental			
						Directional	\$8,950		
						Daily Rig Repair = 1.0 Hr's			
						Total Rig Repair = 1.0 Hr's			
						Daily MWD Down Time = 2.0			
						Total MWD Down Time= 2.0			
						Daily Total	\$23,950		
						Cum Total	\$212,474		
						Directional Representatives			
						Directional Driller's :	Bobby Hughes		
						Mwd Engineers:	Steven Acosta		
						Operator Representatives			
						Randall Taylor			
Total Hours=	24.00		Total	46					

Daily Drilling Report

Report Date:	11-Feb-17				
Company	Wyco Oil & Gas LLC	Job #		Ftg. Last 24 Hrs	215
Rig	Basic # 1727	Report #	16	Last Csg. Set	5 1/2" 23 lbs/Ft. @ 12,002'
Well	University 20-12 # 1	Midn't Depth	13228	Total PDM Hrs	19.75

BHA #	3	4	Bit #	3	4	BHA#	3	BHA#	4
PDM Serial#	K192	G1015	Size	4.5	4.5	<i>Item</i>	<i>Length</i>	<i>Item</i>	<i>Length</i>
Drl hrs	7.5	18.25	Make	Halliburton	DB Bits	Bit	0.75	Bit	0.75
Cir hrs.		1.5	Type	FM3633Z	D511	3.75 Bico	21.31	3.75 Bico	22.57
Cum. Drl. Hrs	37.75	18.25	Depth In	12594	13013	X/O	1.52	X/O	1.52
Cum. Cir. Hrs	1.5	1.5	Midn't Depth	13013		NMDC	31.67	NMDC	31.67
Bent Sub	N/A	N/A	Total Footage	419		HOS	5.21	HOS	5.21
Bent Hous	1.5	1.5	Hours	37.75		NMDC	30.61	NMDC	30.61
Depth In	12594	13013	ROP	11.10		X/O	2.02	X/O	2.02
Depth Out	13013		Nozzles (TFA)	6 x 12	5 x 16	21 Jts. 3.5 D/C	634.95	21 Jts. 3.5 D/	634.95
WOB Rotating	10	10	Mud Type	Brine Polymer	Brine Polymer	X/O	1.27	X/O	1.27
Rotary RPM	40	40	Weight	10.5	10.5				
Motor RPM	265	265	Viscosity	45	54				
GPM	155	165	PV/YP	12 & 17	12 & 17				
PSI off BTM	3400	3600	PH			TOTAL =	729.31	TOTAL =	730.57
PSI on BTM	3700	3900	Water Loss	10	10	BHA Run Tally			
Hook Load	100500	100500	Solid Content	11.70%	11.70%	Rotate	Slide	Circulate	Total
P/U Weight	101000	101000	BH Temp. F.	175 F.	175 F.	215			215
S/O Weight	92000	92000	Chlorides	180000 PPM	180000 PPM	18.25		1.5	19.75

Time Log			Operation details and comments		Rot.	Slide	Motor Inventory		
From	To	Hours			Ftg.	Ftg.	Clean		
	100	1.00	P/U Power Swivel				Dirty		
100	200	1.00	Wash to BTM				Comments		
200	400	2.00	Drlg, 15K, 165gpm, 55rpm-F/13,013'-13,044'		31		Mtr. 3.75 Bico, 4:5, 4.3 stg., set on 1.50 Deg.		
400	415	0.25	Connection				1.61 Rev/gal		
415	645	2.50	Drlg, 15K, 165gpm, 55rpm-F/13,044'-13,050'		6				
645	700	0.25	Re Sync MWD Tool				Daily Charges		
700	1130	4.50	Drlg, 15K, 165gpm, 55rpm-F/13,050'-13,073'		23		Rig	\$15,000	
1130	1145	0.25	Survey & Conn. @ 13,025' 1.35 Inc, 122.49 Azi.				Mud		
1145	1215	0.50	Drlg, 15K, 165gpm, 55rpm-F/13,073'-13,078'		5		Fuel		
1215	1230	0.25	circulate sweep				Rental		
1230	1445	2.25	Drlg, 15K, 165gpm, 55rpm-F/13,078'-13,104'		26		Directional	\$7,250	
1445	1500	0.25	Connection						
1500	1715	2.25	Drlg, 15K, 165gpm, 55rpm-F/13,104'-13,135'		31		Daily Rig Repair = 1.0 Hr's		
1715	1730	0.25	Connection				Total Rig Repair = 1.0 Hr's		
1730	1830	1.00	Drlg, 15K, 165gpm, 55rpm-F/13,135'-13,158'		23		Daily MWD Down Time = 2.25		
1830	2000	1.50	Drlg, 10K, 165gpm, 55rpm-F/13,158'-13,167'		9		Total MWD Down Time= 2.25		
2000	2015	0.25	Connection				Daily Total	\$22,250	
2015	2145	1.50	Drlg, 13K, 165gpm, 55rpm-F/13,167'-13,197'		30		Cum Total	\$234,724	
2145	2200	0.25	Survey & Conn. @ 13,119' 1.59 Inc, 143.63 Azi.				Directional Representatives		
2200	2345	1.75	Drlg, 13K, 165gpm, 55rpm-F/13,197'-13,228'		31		Directional Driller's :	Bobby Hughes	
2345	2400	0.25	Connection				Mwd Engineers:	Steven Acosta	
2400							Operator Representatives		
							Randall Taylor		
Total Hours=	24.00		Total		215				

Daily Drilling Report

Report Date:	12-Feb-17				
Company	Wyco Oil & Gas LLC	Job #		Ftg. Last 24 Hrs	192
Rig	Basic # 1727	Report #	17	Last Csg. Set	5 1/2" 23 lbs/Ft. @ 12,002'
Well	University 20-12 # 1	Midn't Depth	13420	Total PDM Hrs	42.5

BHA #	3	4	Bit #	3	4	BHA#	3	BHA#	4
PDM Serial#	K192	G1015	Size	4.5	4.5	<i>Item</i>	<i>Length</i>	<i>Item</i>	<i>Length</i>
Drl hrs	7.5	21	Make	Halliburton	DB Bits	Bit	0.75	Bit	0.75
Cir hrs.		1.75	Type	FM3633Z	D511	3.75 Bico	21.31	3.75 Bico	22.57
Cum. Drl. Hrs	37.75	39.25	Depth In	12594	13013	X/O	1.52	X/O	1.52
Cum. Cir. Hrs	1.5	3.25	Midn't Depth	13013	13420	NMDC	31.67	NMDC	31.67
Bent Sub	N/A	N/A	Total Footage	419	407	HOS	5.21	HOS	5.21
Bent Hous	1.5	1.5	Hours	37.75	21	NMDC	30.61	NMDC	30.61
Depth In	12594	13013	ROP	11.10	19.38	X/O	2.02	X/O	2.02
Depth Out	13013		Nozzles (TFA)	6 x 12	5 x 16	21 Jts. 3.5 D/C	634.95	21 Jts. 3.5 D/	634.95
WOB Rotating	10	10	Mud Type	Brine Polymer	Brine Polymer	X/O	1.27	X/O	1.27
Rotary RPM	40	40	Weight	10.5	10.5				
Motor RPM	265	265	Viscosity	45	54				
GPM	155	165	PV/YP	12 & 17	12 & 17				
PSI off BTM	3400	3600	PH			TOTAL =	729.31	TOTAL =	730.57
PSI on BTM	3700	3900	Water Loss	10	10	BHA Run Tally			
Hook Load	100500	100500	Solid Content	11.70%	11.70%	Rotate	Slide	Circulate	Total
P/U Weight	101000	101000	BH Temp. F.	175 F.	175 F.	407			407
S/O Weight	92000	92000	Chlorides	180000 PPM	180000 PPM	21		3.25	24.25

Time Log			Operation details and comments	Rot.	Slide	Motor Inventory		
From	To	Hours		Ftg.	Ftg.	Clean		
	15	0.25	Drlg,13K, 165gpm, 55rpm-F/13,228'-13,236'	8		Dirty		
15	45	0.50	Rig Repair			Comments		
45	200	1.25	Drlg,13K, 165gpm, 55rpm-F/13,236'-13,257'	21		Mtr. 3.75 Bico, 4:5, 4.3 stg., set on 1.50 Deg.		
200	230	0.50	Rig Repair			1.61 Rev/gal		
230	300	0.50	circulate			Daily Charges		
300	400	1.00	Drlg,13K, 165gpm, 55rpm-F/13,257'-13,259'	2		Rig	\$15,000	
400	415	0.25	connection			Mud		
415	715	3.00	Drlg,13K, 165gpm, 55rpm-F/13,259'-13,289'	30		Fuel		
715	730	0.25	survey & Conn. @ 13,241', .99 Inc, 138.67 Azi			Rental		
730	1030	3.00	Drlg,13K, 165gpm, 55rpm-F/13,289'-13,319'	30		Directional	\$7,250	
1030	1045	0.25	connection			Daily Rig Repair = 2.0 Hr's		
1045	1545	5.00	Drlg,13K, 165gpm, 55rpm-F/13,319'-13,350'	31		Total Rig Repair = 2.0 Hr's		
1545	1600	0.25	connection			Daily MWD Down Time = 2.25		
1600	1815	2.25	Drlg,13K, 165gpm, 55rpm-F/13,350'-13,380'	30		Total MWD Down Time= 2.25		
1815	1830	0.25	connection			Daily Total	\$22,250	
1830	2115	2.75	Drlg,13K, 165gpm, 55rpm-F/13,380'-13,411'	31		Cum Total	\$256,974	
2115	2130	0.25	Connection			Directional Representatives		
2130	2400	2.50	Drlg,13K, 165gpm, 55rpm-F/13,411'-13,420'	9		Directional Driller's :	Bobby Hughes	
2400						Mwd Engineers:	Steven Acosta	
						Operator Representatives		
						Randall Taylor		
Total Hours=	24.00		Total	192				

Daily Drilling Report

Report Date:	13-Feb-17				
Company	Wyco Oil & Gas LLC	Job #		Ftg. Last 24 Hrs	47
Rig	Basic # 1727	Report #	18	Last Csg. Set	5 1/2" 23 lbs/Ft. @ 12,002'
Well	University 20-12 # 1	Midn't Depth	13467	Total PDM Hrs	57.75

BHA #	4	5	Bit #	4	5	BHA#	4	BHA#	5
PDM Serial#	G1015		Size	4.5		Item	Length	Item	Length
Drl hrs	11.25		Make	DB Bits		Bit	0.75		
Cir hrs.	4		Type	D511		3.75 Bico	22.57		
Cum. Drl. Hrs	50.5		Depth In	13013		X/O	1.52		
Cum. Cir. Hrs	7.25		Midn't Depth	13467		NMDC	31.67		
Bent Sub	N/A		Total Footage	454		HOS	5.21		
Bent Hous	1.5		Hours	50.5		NMDC	30.61		
Depth In	13013		ROP	8.99		X/O	2.02		
Depth Out	13467		Nozzles (TFA)	5 x 16		21 Jts. 3.5 D/C	634.95		
WOB Rotating	15		Mud Type	Brine Polymer	Brine Polymer	X/O	1.27		
Rotary RPM	40		Weight	10.5					
Motor RPM	265		Viscosity	45					
GPM	165		PV/YP	12 & 17					
PSI off BTM	3600		PH			TOTAL =	730.57	TOTAL =	
PSI on BTM	3900		Water Loss	10		BHA Run Tally			
Hook Load	100500		Solid Content	11.70%		Rotate	Slide	Circulate	Total
P/U Weight	101000		BH Temp. F.	175 F.		454			454
S/O Weight	92000		Chlorides	180000 PPM		50.5		7.25	57.75

Time Log			Operation details and comments	Rot.	Slide	Motor Inventory			
From	To	Hours		Ftg.	Ftg.	Clean			
	445	4.75	Drlg, 13K, 165gpm, 55rpm-F/13,420'-13,443'	23		Dirty			
445	500	0.25	Survey & Conn. @ 13,395', 1.38 Inc, No Azi			Comments			
500	1130	6.50	Drlg, 13K, 165gpm, 55rpm-F/13,443'-13,467'	24		Mtr. 3.75 Bico, 4:5, 4.3 stg., set on 1.50 Deg.			
1130	1145	0.25	Survey & Conn. @ 13,419', 0.98 Inc, 181.31 Azi			1.61 Rev/gal			
1145	1345	2.00	circulate			Daily Charges			
1345	1500	1.25	POOH To Casing Shoe 12,002'			Rig	\$15,000		
1500	1545	0.75	TIH to BTM			Mud			
1545	1715	1.50	circulate			Fuel			
1715	2330	6.25	POOH @ TD 13,467'			Rental			
2330	2400	0.50	Lay Down BHA # 4			Directional	\$7,250		
						Daily Rig Repair = 2.0 Hr's			
						Total Rig Repair = 2.0 Hr's			
						Daily MWD Down Time = 2.25			
						Total MWD Down Time= 2.25			
						Daily Total	\$22,250		
						Cum Total	\$279,224		
						Directional Representatives			
						Directional Driller's :	Bobby Hughes		
						Mwd Engineers:	Steven Acosta		
						Operator Representatives			
						Randall Taylor			
Total Hours=	24.00		Total	47					

Daily Drilling Report

Report Date:	14-Feb-17				
Company	Wyco Oil & Gas LLC	Job #		Ftg. Last 24 Hrs	
Rig	Basic # 1727	Report #	19	Last Csg. Set	5 1/2" 23 lbs/Ft. @ 12,002'
Well	University 20-12 # 1	Midn't Depth	13467	Total PDM Hrs	57.75

BHA #	4	5	Bit #	4	5	BHA#	4	BHA#	5
PDM Serial#	G1015		Size	4.5		Item	Length	Item	Length
Drl hrs	11.25		Make	DB Bits		Bit	0.75		
Cir hrs.	4		Type	D511		3.75 Bico	22.57		
Cum. Drl. Hrs	50.5		Depth In	13013		X/O	1.52		
Cum. Cir. Hrs	7.25		Midn't Depth	13467		NMDC	31.67		
Bent Sub	N/A		Total Footage	454		HOS	5.21		
Bent Hous	1.5		Hours	50.5		NMDC	30.61		
Depth In	13013		ROP	8.99		X/O	2.02		
Depth Out	13467		Nozzles (TFA)	5 x 16		21 Jts. 3.5 D/C	634.95		
WOB Rotating	15		Mud Type	Brine Polymer	Brine Polymer	X/O	1.27		
Rotary RPM	40		Weight	10.5					
Motor RPM	265		Viscosity	45					
GPM	165		PV/YP	12 & 17					
PSI off BTM	3600		PH			TOTAL =	730.57	TOTAL =	
PSI on BTM	3900		Water Loss	10		BHA Run Tally			
Hook Load	100500		Solid Content	11.70%		Rotate	Slide	Circulate	Total
P/U Weight	101000		BH Temp. F.	175 F.		454			454
S/O Weight	92000		Chlorides	180000 PPM		50.5		7.25	57.75

Time Log			Operation details and comments	Rot.	Slide	Motor Inventory	
From	To	Hours		Ftg.	Ftg.	Clean	
	30	0.50	Cont. Lay Down BHA # 4			Dirty	
30	230	2.00	Rig Up Weatherford			Comments	
230	1230	10.00	Log well with Weatherford tools failed			Mtr. 3.75 Bico, 4:5, 4.3 stg., set on 1.50 Deg.	
1230	1400	1.50	Wait on second truck			1.61 Rev/gal	
1400	1600	2.00	R/U Weatherford			Daily Charges	
1600	2030	4.50	Log well with Weatherford & R/D Loggers			Rig	\$15,000
2030	2230	2.00	TIH w collars and POOH laying down			Mud	\$28,188
2230	2400	1.50	Wait on Casing crew			Bits	\$25,276
2400						Welder	\$692
						Directional	\$5,150
						Weatherford Loggers	11,034.57
						Daily Rig Repair = 2.0 Hr's	
						Total Rig Repair = 2.0 Hr's	
						Daily MWD Down Time = 2.25	
						Total MWD Down Time= 2.25	
						Daily Total	\$85,341
						Cum Total	364,565.42
						Directional Representatives	
						Directional Driller's :	Bobby Hughes
						Mwd Engineers:	Steven Acosta
						Operator Representatives	
						Randall Taylor	
Total Hours=	24.00		Total				

Daily Drilling Report

Report Date:	15-Feb-17	Job #		Ftg. Last 24 Hrs	
Company	Wyco Oil & Gas LLC	Report #	20	Last Csg. Set	5 1/2" 23 lbs/Ft. @ 12,002'
Rig	Basic # 1727	Midn't Depth	13467	Total PDM Hrs	
Well	University 20-12 # 1				

BHA #	4	5	Bit #	4	5	BHA#	4	BHA#	5
PDM Serial#			Size			<i>Item</i>	<i>Length</i>	<i>Item</i>	<i>Length</i>
Drl hrs			Make						
Cir hrs.			Type						
Cum. Drl. Hrs			Depth In						
Cum. Cir. Hrs			Midn't Depth						
Bent Sub			Total Footage						
Bent Hous			Hours						
Depth In			ROP						
Depth Out			Nozzles (TFA)						
WOB Rotating			Mud Type	Brine Polymer	Brine Polymer				
Rotary RPM			Weight	10.5					
Motor RPM			Viscosity	45					
GPM			PV/YP	12 & 17					
PSI off BTM			PH			TOTAL =		TOTAL =	
PSI on BTM			Water Loss	10		BHA Run Tally			
Hook Load	100500		Solid Content	11.70%		Rotate	Slide	Circulate	Total
P/U Weight	101000		BH Temp. F.	175 F.					
S/O Weight	92000		Chlorides	180000 PPM					

Time Log			Operation details and comments	Rot.	Slide	Motor Inventory	
From	To	Hours		Ftg.	Ftg.	Clean	
	30	0.50	Wait on Casing Crew			Dirty	
30	200	1.50	Clean & Drift Casing			Comments	
200	1100	9.00	Wait on lift nubs and thread rep for Liberty Casing Thread				
1100	1130	0.50	Thread Rep checking threads				
1130	1300	1.50	RIH with 3 1/2" Liner total Feet				
1300	1330	0.50	Chg. Tongs			Daily Charges	
1330	1530	2.00	RIH with 2 1/16 stinger			Rig	\$15,000
1530	1600	0.50	Make up X/O and 2 7/8" Tubing to 2 1/16" Stinger			3 1/2" Liner	\$20,800.00
1600	1615	0.25	Fill pipe			Thread Rep	\$2,847.00
1615	2030	4.25	RIH and fill pipe every 50 stds			Platinum Rental	\$2,095.24
2030	2045	0.25	Fill pipe at 5 1/2" Shoe 12,002'			Mud Loggers	\$14,374.46
2045	2300	2.25	Wait on Cementers			Casing Crew	\$8,670.00
2300	2400	1.00	RIH with tubing			Daily Rig Repair = 2.0 Hr's	
2400						Total Rig Repair = 2.0 Hr's	
						Daily MWD Down Time = 2.25	
						Total MWD Down Time= 2.25	
						Daily Total	\$63,787
						Cum Total	\$428,352.31
Directional Representatives							
Directional Driller's :							
Mwd Engineers:							
Operator Representatives							
Randall Taylor							
Total Hours=		24.00	Total				

Daily Drilling Report

Report Date:	16-Feb-17	Job #		Ftg. Last 24 Hrs	
Company	Wyco Oil & Gas LLC	Report #	21	Last Csg. Set	3 1/2" 9.3 lbs/Ft. @ 13,466'
Rig	Basic # 1727	Midn't Depth	13467	Total PDM Hrs	
Well	University 20-12 # 1				

BHA #	4	5	Bit #	4	5	BHA#	4	BHA#	5
PDM Serial#			Size			Item	Length	Item	Length
Drl hrs			Make						
Cir hrs.			Type						
Cum. Drl. Hrs			Depth In						
Cum. Cir. Hrs			Midn't Depth						
Bent Sub			Total Footage						
Bent Hous			Hours						
Depth In			ROP						
Depth Out			Nozzles (TFA)						
WOB Rotating			Mud Type	Brine Polymer	Brine Polymer				
Rotatry RPM			Weight	10.5					
Motor RPM			Viscosity	45					
GPM			PV/YP	12 & 17					
PSI off BTM			PH			TOTAL =		TOTAL =	
PSI on BTM			Water Loss	10		BHA Run Tally			
Hook Load	100500		Solid Content	11.70%		Rotate	Slide	Circulate	Total
P/U Weight	101000		BH Temp. F.	175 F.					
S/O Weight	92000		Chlorides	180000 PPM					

Time Log			Operation details and comments	Rot. Ftg.	Slide Ftg.	Motor Inventory	
From	To	Hours				Clean	Dirty
	30	0.50	RIH with 2 7/8" TBG				
30	200	1.50	Rig up Cementers			Comments	
200	230	0.50	Circulate			Daily Charges	
230	400	1.50	CMT 3 1/2" Liner W/ 25.4 bbls/120 SXS CMT 15.5 Class H				
400	415	0.25	Displace cement out of liner 14 bbls				
415	430	0.25	Disengage stinger from shoe				
430	515	0.75	Reverse up tbg. 60 bbls.			Rig	\$15,000
515	530	0.25	L/D Cement Head			EPI Consultants	\$11,300.00
530	615	0.75	POOH to 30' inside 3 1/2" Liner			Chance tool Fishing	\$17,649.06
615	645	0.50	Reverse up tbg. 60 bbls.			Pradon Trucking	\$3,295.00
645	700	0.25	POOH 5 stands			Amaya Trucking	\$2,625.00
700	2400	17.00	Wait on Cement to Dry				
2400						Daily Rig Repair = 2.0 Hr's	
						Total Rig Repair = 2.0 Hr's	
						Daily MWD Down Time = 2.25	
						Total MWD Down Time= 2.25	
						Daily Total	\$49,869
						Cum Total	\$478,221.31
						Directional Representatives	
						Directional Driller's :	
						Mwd Engineers:	
						Operator Representatives	
						Randall Taylor	
Total Hours=	24.00		Total				

Daily Drilling Report

Report Date:	17-Feb-17	Job #		Ftg. Last 24 Hrs	
Company	Wyco Oil & Gas LLC	Report #	22	Last Csg. Set	3 1/2" 9.3 lbs/Ft. @ 13,466'
Rig	Basic # 1727	Midn't Depth	13467	Total PDM Hrs	
Well	University 20-12 # 1				

BHA #	4	5	Bit #	4	5	BHA#	4	BHA#	5
PDM Serial#			Size			Item	Length	Item	Length
Drl hrs			Make						
Cir hrs.			Type						
Cum. Drl. Hrs			Depth In						
Cum. Cir. Hrs			Midn't Depth						
Bent Sub			Total Footage						
Bent Hous			Hours						
Depth In			ROP						
Depth Out			Nozzles (TFA)						
WOB Rotating			Mud Type	Brine Polymer	Brine Polymer				
Rotatry RPM			Weight	10.5					
Motor RPM			Viscosity	45					
GPM			PV/YP	12 & 17					
PSI off BTM			PH			TOTAL =		TOTAL =	
PSI on BTM			Water Loss	10		BHA Run Tally			
Hook Load	100500		Solid Content	11.70%		Rotate	Slide	Circulate	Total
P/U Weight	101000		BH Temp. F.	175 F.					
S/O Weight	92000		Chlorides	180000 PPM					

Time Log			Operation details and comments	Rot. Ftg.	Slide Ftg.	Motor Inventory	
From	To	Hours				Clean	Dirty
	715	7.25	Wait on Cement to Dry				
715	800	0.75	Start rig and open up well			Comments	
800	815	0.25	Install Stripper Head				
815	830	0.25	TIH and work into liner top- 3 tries				
830	930	1.00	Cont. TIH and P/U Swivel				
930	1115	1.75	Displace hole to 4 % KCL @ 13,457'			Daily Charges	
1115	1130	0.25	Rig down Circulating Head			Rig	\$15,000
1130	1300	1.50	POOH			Basic Cement	\$6,178.82
1300	1330	0.50	Shut down for lunch				
1330	1515	1.75	POOH & L/D 150 jts of 2 7/8" Tbg.				
1515	1530	0.25	Switch to double line fast line				
1530	1830	3.00	Cont. POOH laying down Tbg. Total ;ayed down 353 jts.				
1830	2400	5.50	Shut down for night			Daily Rig Repair = 2.0 Hr's	
2400						Total Rig Repair = 2.0 Hr's	
						Daily MWD Down Time = 2.25	
						Total MWD Down Time= 2.25	
						Daily Total	\$21,179
						Cum Total	\$499,400.31
Directional Representatives							
Directional Driller's :							
Mwd Engineers:							
Operator Representatives							
Randall Taylor							
Total Hours=	24.00		Total				

Daily Drilling Report

Report Date:	18-Feb-17	Job #		Ftg. Last 24 Hrs	
Company	Wyco Oil & Gas LLC	Report #	23	Last Csg. Set	3 1/2" 9.3 lbs/Ft. @ 13,466'
Rig	Basic # 1727	Midn't Depth	13467	Total PDM Hrs	
Well	University 20-12 # 1				

BHA #	4	5	Bit #	4	5	BHA#	4	BHA#	5
PDM Serial#			Size			Item	Length	Item	Length
Drl hrs			Make						
Cir hrs.			Type						
Cum. Drl. Hrs			Depth In						
Cum. Cir. Hrs			Midn't Depth						
Bent Sub			Total Footage						
Bent Hous			Hours						
Depth In			ROP						
Depth Out			Nozzles (TFA)						
WOB Rotating			Mud Type	Brine Polymer	Brine Polymer				
Rotary RPM			Weight	10.5					
Motor RPM			Viscosity	45					
GPM			PV/YP	12 & 17					
PSI off BTTM			PH			TOTAL =		TOTAL =	
PSI on BTTM			Water Loss	10		BHA Run Tally			
Hook Load	100500		Solid Content	11.70%		Rotate	Slide	Circulate	Total
P/U Weight	101000		BH Temp. F.	175 F.					
S/O Weight	92000		Chlorides	180000 PPM					

Time Log			Operation details and comments	Rot.	Slide	Motor Inventory	
From	To	Hours		Ftg.	Ftg.	Clean	
	800	8.00	Shut down for night			Dirty	
800	830	0.50	Warm up rig			Comments	
830	930	1.00	TIH with remaining 2 7/8" TBG and POOH laying down				
930	945	0.25	Chg. Slips and elevators				
945	1030	0.75	Lay down 2 1/16 stinger				
1030	1200	1.50	Move 2 7/8" Production TBG to rack and strap			Daily Charges	
1200	1230	0.50	Crew Lunch			Rig	\$15,000
1230	1600	3.50	RIH Picking up 2 7/8" Production TBG				
1600	1600		Kicked out Jts. 180, 67, 64, 62 due to excessive cement inside				
1600	1730	1.50	POOH & Stand back TBG				
1730	1745	0.25	Secure well				
1745	2400	6.25	Shut down for night				
2400						Daily Rig Repair = 2.0 Hr's	
						Total Rig Repair = 2.0 Hr's	
						Daily MWD Down Time = 2.25	
						Total MWD Down Time= 2.25	
						Daily Total	\$15,000
						Cum Total	\$514,400.31
Directional Representatives							
Directional Driller's :							
Mwd Engineers:							
Operator Representatives							
Randall Taylor							
Total Hours=		24.00	Total				

Daily Drilling Report

Report Date:	19-Feb-17	Job #		Ftg. Last 24 Hrs	
Company	Wyco Oil & Gas LLC	Report #	24	Last Csg. Set	3 1/2" 9.3 lbs/Ft. @ 13,466'
Rig	Basic # 1727	Midn't Depth	13467	Total PDM Hrs	
Well	University 20-12 # 1				

BHA #	4	5	Bit #	4	5	BHA#	4	BHA#	5
PDM Serial#			Size			Item	Length	Item	Length
Drl hrs			Make						
Cir hrs.			Type						
Cum. Drl. Hrs			Depth In						
Cum. Cir. Hrs			Midn't Depth						
Bent Sub			Total Footage						
Bent Hous			Hours						
Depth In			ROP						
Depth Out			Nozzles (TFA)						
WOB Rotating			Mud Type	Brine Polymer	Brine Polymer				
Rotary RPM			Weight	10.5					
Motor RPM			Viscosity	45					
GPM			PV/YP	12 & 17					
PSI off BTTM			PH			TOTAL =		TOTAL =	
PSI on BTTM			Water Loss	10		BHA Run Tally			
Hook Load	100500		Solid Content	11.70%		Rotate	Slide	Circulate	Total
P/U Weight	101000		BH Temp. F.	175 F.					
S/O Weight	92000		Chlorides	180000 PPM					

Time Log			Operation details and comments	Rot.	Slide	Motor Inventory	
From	To	Hours		Ftg.	Ftg.	Clean	
	700	7.00	Shut down for night			Dirty	
700	745	0.75	Wait on crew			Comments	
745	800	0.25	Warm up rig				
800	815	0.25	Wait on Apollo Perferators				
815	900	0.75	Rig up Apollo and lubricator				
900	1000	1.00	RIH with gamma and CCL			Daily Charges	
1000	1115	1.25	Log with gamma & CCL & POOH F/ Gamma Failure			Rig	\$15,000
1115	1215	1.00	Chg.out gamma & RIH			Perforating Apollo	\$34,884.00
1215	1300	0.75	Tag 33 ft shallow. Log and POOH				
1300	2400	11.00	Make up perforating guns and RIH				
2400			Perf # 1 good (shot 5 unplanned zones due to tag depth)				
			Perf # 2 - 1/2 shot				
			Perf # 3 good			Daily Rig Repair = 2.0 Hr's	
			Perf # 4 good			Total Rig Repair = 2.0 Hr's	
			Perf # 5 good			Daily MWD Down Time = 2.25	
			Perf # 6 Fail			Total MWD Down Time= 2.25	
			Perf # 7 Fail			Daily Total	\$49,884
			Perf # 8 Fail			Cum Total	\$564,284.31
			Perf # 9 Fail			Directional Representatives	
						Directional Driller's :	
			Perf details on next report.			Mwd Engineers:	
						Operator Representatives	
						Randall Taylor	
Total Hours=	24.00		Total				

Daily Drilling Report

Report Date:	20-Feb-17				
Company	Wyco Oil & Gas LLC	Job #		Ftg. Last 24 Hrs	
Rig	Basic # 1727	Report #	25	Last Csg. Set	3 1/2" 9.3 lbs/Ft. @ 13,466'
Well	University 20-12 # 1	Midn't Depth	13467	Total PDM Hrs	

BHA #	4	5	Bit #	4	5	BHA#	4	BHA#	5
PDM Serial#			Size			Item	Length	Item	Length
Drl hrs			Make						
Cir hrs.			Type						
Cum. Drl. Hrs			Depth In						
Cum. Cir. Hrs			Midn't Depth						
Bent Sub			Total Footage						
Bent Hous			Hours						
Depth In			ROP						
Depth Out			Nozzles (TFA)						
WOB Rotating			Mud Type	Brine Polymer	Brine Polymer				
Rotatry RPM			Weight	10.5					
Motor RPM			Viscosity	45					
GPM			PV/YP	12 & 17					
PSI off BTTM			PH			TOTAL =		TOTAL =	
PSI on BTTM			Water Loss	10		BHA Run Tally			
Hook Load	100500		Solid Content	11.70%		Rotate	Slide	Circulate	Total
P/U Weight	101000		BH Temp. F.	175 F.					
S/O Weight	92000		Chlorides	180000 PPM					

Time Log			Operation details and comments		Rot.	Slide	Motor Inventory	
From	To	Hours			Ftg.	Ftg.	Clean	
	715	7.25	Observe well				Dirty	
715	815	1.00	R/U Wireline				Comments	
815	1230	4.25	Run Perforations- Perf # 10, 11, 12 Good					
1230	1300	0.50	R/D Perforators					
1300	1630	3.50	RIH Picking up TBG					
1630	1800	1.50	POOH & Stand back TBG				Daily Charges	
1800	1830	0.50	Strap 2 1/16" Pipe				Rig	\$15,000
1830	2400	5.50	Shut down for night					
2400								
			Perf details as follows (all zones 2 jspf, 2.5" guns):					
			12027' - 12029', 12073' - 12075',					
			12115' - 12116', 12132' - 12136', 12140' - 12142',					
			12155' - 12158', 12159' - 12161', 12165' - 12170',				Daily Rig Repair = 2.0 Hr's	
			12306' - 12308', 12352' - 12354', 12375' - 12376',				Total Rig Repair = 2.0 Hr's	
			12428' - 12430', 12434' - 12436', 12449' - 12451',				Daily MWD Down Time = 2.25	
			12550' - 12554', 12649' - 12651', 12677' - 12680',				Total MWD Down Time= 2.25	
			12720' - 12723', 12740' - 12746', 12764' - 12769',				Daily Total	\$15,000
			12774' - 12776', 12807' - 12810', 12820' - 12822',				Cum Total	\$579,284.31
			12833' - 12838', 12851' - 12853', 12962' - 12970',				Directional Representatives	
			13016' - 13020', 13118' - 13121', 13146' - 13150',				Directional Driller's :	
			13158' - 13164', 13170' - 13174', 13176' - 13180',				Mwd Engineers:	
			13234' - 13238', 13276' - 13278', 13362' - 13366',				Operator Representatives	
			13126' - 13128', 13139' - 13141', 13152' - 13155',				Randall Taylor	
			13205' - 13207', 13212.5' - 13215.5', 13391' - 13394',					
			13400' - 13402', 13406' - 13408'					
			All depths based on open hole logs.					
			Open hole logs were shifted 18' up hole from measured					
			depth to match original open hole log depths.					
Total Hours=	24.00		Total					

Daily Drilling Report

Report Date:	21-Feb-17	Company	Wyco Oil & Gas LLC	Job #		Ftg. Last 24 Hrs	
Rig	Basic # 1727	Report #	26	Last Csg. Set	3 1/2" 9.3 lbs/Ft. @ 13,466'		
Well	University 20-12 # 1	Midn't Depth	13467	Total PDM Hrs			

BHA #	4	5	Bit #	4	5	BHA#	4	BHA#	5
PDM Serial#			Size			Item	Length	Item	Length
Drl hrs			Make						
Cir hrs.			Type						
Cum. Drl. Hrs			Depth In						
Cum. Cir. Hrs			Midn't Depth						
Bent Sub			Total Footage						
Bent Hous			Hours						
Depth In			ROP						
Depth Out			Nozzles (TFA)						
WOB Rotating			Mud Type	Brine Polymer	Brine Polymer				
Rotatry RPM			Weight	10.5					
Motor RPM			Viscosity	45					
GPM			PV/YP	12 & 17					
PSI off BTTM			PH			TOTAL =		TOTAL =	
PSI on BTTM			Water Loss	10		BHA Run Tally			
Hook Load	100500		Solid Content	11.70%		Rotate	Slide	Circulate	Total
P/U Weight	101000		BH Temp. F.	175 F.					
S/O Weight	92000		Chlorides	180000 PPM					

Time Log			Operation details and comments	Rot.	Slide	Motor Inventory	
From	To	Hours		Ftg.	Ftg.	Clean	
	800	8.00	Observe well			Dirty	
800	1130	3.50	Observe well 125-150 psi			Comments	
1130	1130		open well only gas flowing back				
1130	1400	2.50	Load out 2 1/16" pipe and Basic pipe racks and collars				
1400	1400		and all other un needed equipment				
1400	2400	10.00	Shut down for the night			Daily Charges	
2400						Rig	\$15,000
						Daily Rig Repair = 2.0 Hr's	
						Total Rig Repair = 2.0 Hr's	
						Daily MWD Down Time = 2.25	
						Total MWD Down Time= 2.25	
						Daily Total	\$15,000
						Cum Total	\$594,284.31
						Directional Representatives	
						Directional Driller's :	
						Mwd Engineers:	
						Operator Representatives	
						Randall Taylor	
Total Hours=	24.00		Total				

Daily Drilling Report

Report Date:	22-Feb-17	Company	Wyco Oil & Gas LLC	Job #		Ftg. Last 24 Hrs	
Rig	Basic # 1727	Report #	27	Last Csg. Set	3 1/2" 9.3 lbs/Ft. @ 13,466'		
Well	University 20-12 # 1	Midn't Depth	13467	Total PDM Hrs			

BHA #	4	5	Bit #	4	5	BHA#	4	BHA#	5
PDM Serial#			Size			Item	Length	Item	Length
Drl hrs			Make						
Cir hrs.			Type						
Cum. Drl. Hrs			Depth In						
Cum. Cir. Hrs			Midn't Depth						
Bent Sub			Total Footage						
Bent Hous			Hours						
Depth In			ROP						
Depth Out			Nozzles (TFA)						
WOB Rotating			Mud Type	Brine Polymer	Brine Polymer				
Rotary RPM			Weight	10.5					
Motor RPM			Viscosity	45					
GPM			PV/YP	12 & 17					
PSI off BTTM			PH			TOTAL =		TOTAL =	
PSI on BTTM			Water Loss	10		BHA Run Tally			
Hook Load	100500		Solid Content	11.70%		Rotate	Slide	Circulate	Total
P/U Weight	101000		BH Temp. F.	175 F.					
S/O Weight	92000		Chlorides	180000 PPM					

Time Log			Operation details and comments	Rot.	Slide	Motor Inventory	
From	To	Hours		Ftg.	Ftg.	Clean	
	730	7.50	Shut down for the night			Dirty	
730	1030	3.00	Spot and R/U Motley Coil TBG rig			Comments	
1030	1200	1.50	Remove Hydril and split coil BOP to shorten				
1200	1230	0.50	Install Lubricator				
1230	1245	0.25	P/U Coil BHA & Test				
1245	1300	0.25	Tie down Injector			Daily Charges	
1300	1445	1.75	RIH with coil Drlg. Assy.			Rig	\$15,000
1445	1500	0.25	Work into top of liner at 11,880' Coil Depth			Motley Coil & W/L	\$31,325.00
1500	1530	0.50	Cont. RIH with coil to 13,454' pumping 2 BPM				
1530	1545	0.25	Drlg. Cement F/ 13,454'-13,464'				
1545	1600	0.25	Drlg. Shoe F/ 13,464'-13,466'				
1600	1800	2.00	Circ. Hole clean				
1800	1930	1.50	POOH with coil Circ. While POOH			Daily Rig Repair = 2.0 Hr's	
1930	2015	0.75	L/D Coil BHA			Total Rig Repair = 2.0 Hr's	
2015	2145	1.50	R/U Motley Wireline			Daily MWD Down Time = 2.25	
2145	2200	0.25	Pull W/L Tool into lubricator			Total MWD Down Time= 2.25	
2200	2400	2.00	RIH with Perf guns			Daily Total	\$46,325
2400						Cum Total	\$640,609.31
Directional Representatives							
Directional Driller's :							
Mwd Engineers:							
Operator Representatives							
Randall Taylor							
Total Hours=		24.00	Total				

Daily Drilling Report

Report Date:	23-Feb-17				
Company	Wyco Oil & Gas LLC	Job #		Ftg. Last 24 Hrs	
Rig	Basic # 1727	Report #	28	Last Csg. Set	3 1/2" 9.3 lbs/Ft. @ 13,466'
Well	University 20-12 # 1	Midn't Depth	13467	Total PDM Hrs	

BHA #	4	5	Bit #	4	5	BHA#	1	BHA#	2
PDM Serial#			Size			Item	Length	Item	Length
Drl hrs			Make			Rupture Disc	0.25		
Cir hrs.			Type			X/O	0.25		
Cum. Drl. Hrs			Depth In			2 3/8" Pup	4		
Cum. Cir. Hrs			Midn't Depth			Aerset Pkr.	5.5		
Bent Sub			Total Footage			Profile Nipple	0.5		
Bent Hous			Hours			On/Off Tool	1.5		
Depth In			ROP			Seating Nipple	1.1		
Depth Out			Nozzles (TFA)			Enduraloy Jt.	32.5		
WOB Rotating			Mud Type	Brine Polymer	Brine Polymer	9 Jts new 2 7/8	291.85		
Rotary RPM			Weight	10.5		360 Jts 2 7/8	11119.66		
Motor RPM			Viscosity	45		1 jt P-110	32.72		
GPM			PV/YP	12 & 17					
PSI off BTTM			PH			TOTAL =	11489.83	TOTAL =	
PSI on BTTM			Water Loss	10		BHA Run Tally			
Hook Load	100500		Solid Content	11.70%		Rotate	Slide	Circulate	Total
P/U Weight	101000		BH Temp. F.	175 F.					
S/O Weight	92000		Chlorides	180000 PPM					

Time Log			Operation details and comments	Rot.	Slide	Motor Inventory	
From	To	Hours		Ftg.	Ftg.	Clean	
	900	9.00	Perforate and rig down W/L			Dirty	
900	1000	1.00	R/D oil Unit			Comments	
1000	1200	2.00	Pick up Packer and Production assy & RIH				
1200	1200		Shut down due to high winds				
1200	2400	12.00	Shut down due to high winds				
2400						Daily Charges	
			Perforating details:			Rig	\$15,000
			Note: Two of four total zones were not shot at desired intervals due to gun offset errors.			Watson Packer	\$13,763.70
			13417' - 13423' (at correct depth)			office depot	\$27.80
			13436' - 13443' (was supposed to be 13428' - 13435')			Moore Trucking	\$3,698.55
			13437' - 13439' (at correct depth)			Mitchell Analytical	\$60.00
			13441' - 13445' (was supposed to be 13440' - 13444')			Daily Rig Repair = 2.0 Hr's	
						Total Rig Repair = 2.0 Hr's	
						Daily MWD Down Time = 2.25	
						Total MWD Down Time= 2.25	
						Daily Total	\$32,550
						Cum Total	\$673,159.31
						Directional Representatives	
						Directional Driller's :	
						Mwd Engineers:	
						Operator Representatives	
						Randall Taylor	
Total Hours=	24.00		Total				

Daily Drilling Report

Report Date:	24-Feb-17				
Company	Wyco Oil & Gas LLC	Job #		Ftg. Last 24 Hrs	
Rig	Basic # 1727	Report #	29	Last Csg. Set	3 1/2" 9.3 lbs/Ft. @ 13,466'
Well	University 20-12 # 1	Midn't Depth	13467	Total PDM Hrs	

BHA #	4	5	Bit #	4	5	BHA#	1	BHA#	2
PDM Serial#			Size			<i>Item</i>	<i>Length</i>	<i>Item</i>	<i>Length</i>
Drl hrs			Make			Rupture Disc	0.25		
Cir hrs.			Type			X/O	0.25		
Cum. Drl. Hrs			Depth In			2 3/8" Pup	4		
Cum. Cir. Hrs			Midn't Depth			Aerset Pkr.	5.5		
Bent Sub			Total Footage			Profile Nipple	0.5		
Bent Hous			Hours			On/Off Tool	1.5		
Depth In			ROP			Seating Nipple	1.1		
Depth Out			Nozzles (TFA)			Enduraloy Jt.	32.5		
WOB Rotating			Mud Type	Brine Polymer	Brine Polymer	9 Jts new 2 7/8	291.85		
Rotatry RPM			Weight	10.5		360 Jts 2 7/8	11119.66		
Motor RPM			Viscosity	45		1 jt P-110	32.72		
GPM			PV/YP	12 & 17					
PSI off BTTM			PH			TOTAL =	11489.83	TOTAL =	
PSI on BTTM			Water Loss	10		BHA Run Tally			
Hook Load	100500		Solid Content	11.70%		Rotate	Slide	Circulate	Total
P/U Weight	101000		BH Temp. F.	175 F.					
S/O Weight	92000		Chlorides	180000 PPM					

Time Log			Operation details and comments	Rot.	Slide	Motor Inventory	
From	To	Hours		Ftg.	Ftg.	Clean	
	730	7.50	Shut down for the night and the wind			Dirty	
730	745	0.25	Open up well and observe			Comments	
745	1115	3.50	RIH Testing 2 7/8 TBG				
1115	1200	0.75	Repair test truck				
1200	1500	3.00	Cont. TIH & Test TBG to 8500 PSI only 1 bad Joint				
1500	1600	1.00	Wait on kill truck & Load 48 jts of new TBG to return to DRM			Daily Charges	
1600	1800	2.00	R/U Kill truck and Displace hole to clean 4% KCL 230 bbls			Rig	\$15,000
1800	1845	0.75	Set Packer at 11,489' and displace 20 bbls acid into perfs			Shorty's Backhoe	\$700.00
1845	1845		1 BPM @ 3900psi			Liberty Pump	\$827.55
1845	1900	0.25	observe pressure bleeding off slowly			Schlumberger lift	\$1,597.77
1900	2030	1.50	Unseat PKR pull 44K over			San Jan	\$395.00
2030	2100	0.50	TIH 5 stds & P/U 1 Jt P-110 for landing jt.				
2100	2130	0.50	R/U to Reverse up TBG			Daily Rig Repair = 2.0 Hr's	
2130	2300	1.50	Reverse up TBG			Total Rig Repair = 2.0 Hr's	
2300	2400	1.00	R/D Reverse line			Daily MWD Down Time = 2.25	
2400						Total MWD Down Time= 2.25	
						Daily Total	\$18,520
						Cum Total	\$691,679.31
						Directional Representatives	
						Directional Driller's :	
						Mwd Engineers:	
						Operator Representatives	
						Randall Taylor	
Total Hours=	24.00		Total				

Daily Drilling Report

Report Date:	25-Feb-17	Job #		Ftg. Last 24 Hrs	
Company	Wyco Oil & Gas LLC	Report #	30	Last Csg. Set	3 1/2" 9.3 lbs/Ft. @ 13,466'
Rig	Basic # 1727	Midn't Depth	13467	Total PDM Hrs	
Well	University 20-12 # 1				

BHA #	4	5	Bit #	4	5	BHA#	1	BHA#	2
PDM Serial#			Size			Item	Length	Item	Length
Drl hrs			Make			Rupture Disc	0.25		
Cir hrs.			Type			X/O	0.25		
Cum. Drl. Hrs			Depth In			2 3/8" Pup	4		
Cum. Cir. Hrs			Midn't Depth			Aerset Pkr.	5.5		
Bent Sub			Total Footage			Profile Nipple	0.5		
Bent Hous			Hours			On/Off Tool	1.5		
Depth In			ROP			Seating Nipple	1.1		
Depth Out			Nozzles (TFA)			Enduraloy Jt.	32.5		
WOB Rotating			Mud Type	Brine Polymer	Brine Polymer	9 Jts new 2 7/8	291.85		
Rotatry RPM			Weight	10.5		360 Jts 2 7/8	11119.66		
Motor RPM			Viscosity	45		1 jt P-110	32.72		
GPM			PV/YP	12 & 17					
PSI off BTTM			PH			TOTAL =	11489.83	TOTAL =	
PSI on BTTM			Water Loss	10		BHA Run Tally			
Hook Load	100500		Solid Content	11.70%		Rotate	Slide	Circulate	Total
P/U Weight	101000		BH Temp. F.	175 F.					
S/O Weight	92000		Chlorides	180000 PPM					

Time Log			Operation details and comments	Rot.	Slide	Motor Inventory	
From	To	Hours		Ftg.	Ftg.	Clean	
	100	1.00	Attempt to set packer no success			Dirty	
100	130	0.50	POOH 5 stds			Comments	
130	230	1.00	Attempt to reset packer no success				
230	1100	8.50	Shut down for night and for no crew				
1100	1130	0.50	Warm up rig				
1130	1200	0.50	TIH to 11,856'			Daily Charges	
1200	1230	0.50	Set Packer successfully			Rig	\$12,000
1230	1430	2.00	N/D Bops and Nipple up Flange			War Horse Tester	\$2,743.00
1430	1530	1.00	secure well and wait on acid job for tomorrow			Flo Test	\$877.50
1530	2400	8.50	Shut down for acid job tomorrow			Wadeco Acid	\$2,130.08
2400							
						Daily Rig Repair = 2.0 Hr's	
						Total Rig Repair = 2.0 Hr's	
						Daily MWD Down Time = 2.25	
						Total MWD Down Time= 2.25	
						Daily Total	\$17,751
						Cum Total	\$709,430.39
						Directional Representatives	
						Directional Driller's :	
						Mwd Engineers:	
						Operator Representatives	
						Randall Taylor	
Total Hours=	24.00		Total				

Daily Drilling Report

Report Date:	26-Feb-17				
Company	Wyco Oil & Gas LLC	Job #		Ftg. Last 24 Hrs	
Rig	Basic # 1727	Report #	31	Last Csg. Set	3 1/2" 9.3 lbs/Ft. @ 13,466'
Well	University 20-12 # 1	Midn't Depth	13467	Total PDM Hrs	

BHA #	4	5	Bit #	4	5	BHA#	1	BHA#	2
PDM Serial#			Size			<i>Item</i>	<i>Length</i>	<i>Item</i>	<i>Length</i>
Drl hrs			Make			Rupture Disc	0.25	Rupture Disc	0.25
Cir hrs.			Type			X/O	0.25	X/O	0.25
Cum. Drl. Hrs			Depth In			2 3/8" Pup	4	2 3/8" Pup	4
Cum. Cir. Hrs			Midn't Depth			Aerset Pkr.	5.5	Aerset Pkr.	5.5
Bent Sub			Total Footage			Profile Nipple	0.5	Profile Nipple	0.5
Bent Hous			Hours			On/Off Tool	1.5	On/Off Tool	1.5
Depth In			ROP			Seating Nipple	1.1	Seating Nipple	1.1
Depth Out			Nozzles (TFA)			Enduraloy Jt.	32.5	Enduraloy Jt.	32.5
WOB Rotating			Mud Type	Brine Polymer	Brine Polymer	9 Jts new 2 7/8	291.85	11 Jts new 2 7/8	353.83
Rotatry RPM			Weight	10.5		360 Jts 2 7/8	11119.66	371 Jts 2 7/8	11424.48
Motor RPM			Viscosity	45		1 jt P-110	32.72	1 jt P-110	32.72
GPM			PV/YP	12 & 17					
PSI off BTTM			PH			TOTAL = 11489.83		TOTAL = 11856.63	
PSI on BTTM			Water Loss	10		BHA Run Tally			
Hook Load	100500		Solid Content	11.70%		Rotate	Slide	Circulate	Total
P/U Weight	101000		BH Temp. F.	175 F.					
S/O Weight	92000		Chlorides	180000 PPM					

Time Log			Operation details and comments			Rot.	Slide	Motor Inventory	
From	To	Hours				Ftg.	Ftg.	Clean	
	1000	10.00	Shut down for the night					Dirty	
1000	1130	1.50	open well and flow back 100 psi on backside					Comments	
1130	1130		oil to surface in tubing						
1130	1500	3.50	Rig up WadeCo for acid Frac						
1500	1515	0.25	Test Lines						
1515	1800	2.75	Frac well with 357 bbls of gelled acid 15 %					Daily Charges	
1800	1800		5.2 BPM @ 5200psi, 7.4 BPM @ 6900psi, 8.4 BPM @ 7500ps					Rig	\$12,000
1800	1800		10.3 @ 8500psi, 10.7 @ 8600psi, 12.5 @ 8100psi,					Wadeco Acid	\$30,469.04
1800	1800		16.6 @ 7200psi. WLTR 553 bbls.					T Bob Amthor	\$208.00
1800	2030	2.50	Shut in well and rig up to flow back					DRM TBG	\$1,801.93
2030	2130	1.00	open well 3000 on tubing and 3000psi on casing						
2130	2400	2.50	flow well back						
2400								Daily Rig Repair = 2.0 Hr's	
			Acid and flush included friction reducer.					Total Rig Repair = 2.0 Hr's	
			Acid included clay stabilizer. Flush included 4% KCL.					Daily MWD Down Time = 2.25	
			Early in job got over 2000 psi on casing, but after					Total MWD Down Time= 2.25	
			shutting down for valve problem, did not see					Daily Total	\$44,479
			back side pressure again until after end of job					Cum Total	\$753,909.39
			(if at all).					Directional Representatives	
			Had two major valve leaks that forced shut downs					Directional Driller's :	
			during job. First was valve on ball injector,					Mwd Engineers:	
			second was valve on wellhead. Both appeared to be					Operator Representatives	
			o-ring failures caused by attempting to open valve					Randall Taylor	
			under high differential with high downstream pressure.						
			Bio balls also gunked up during job, resulting in much						
			different actual drops and less total balls than planned.						
Total Hours=	24.00		Total						

Daily Drilling Report

Report Date:	27-Feb-17	Job #		Ftg. Last 24 Hrs	
Company	Wyco Oil & Gas LLC	Report #	32	Last Csg. Set	3 1/2" 9.3 lbs/Ft. @ 13,466'
Rig	Basic # 1727	Midn't Depth	13467	Total PDM Hrs	
Well	University 20-12 # 1				

BHA #	4	5	Bit #	4	5	BHA#	1	BHA#	2
PDM Serial#			Size			Item	Length	Item	Length
Drl hrs			Make			Rupture Disc	0.25	Rupture Disc	0.25
Cir hrs.			Type			X/O	0.25	X/O	0.25
Cum. Drl. Hrs			Depth In			2 3/8" Pup	4	2 3/8" Pup	4
Cum. Cir. Hrs			Midn't Depth			Aerset Pkr.	5.5	Aerset Pkr.	5.5
Bent Sub			Total Footage			Profile Nipple	0.5	Profile Nipple	0.5
Bent Hous			Hours			On/Off Tool	1.5	On/Off Tool	1.5
Depth In			ROP			Seating Nipple	1.1	Seating Nipple	1.1
Depth Out			Nozzles (TFA)			Enduraloy Jt.	32.5	Enduraloy Jt.	32.5
WOB Rotating			Mud Type	Brine Polymer	Brine Polymer	9 Jts new 2 7/8	291.85	11 Jts new 2 7/8	353.83
Rotatry RPM			Weight	10.5		360 Jts 2 7/8	11119.66	371 Jts 2 7/8	11424.48
Motor RPM			Viscosity	45		1 jt P-110	32.72	1 jt P-110	32.72
GPM			PV/YP	12 & 17					
PSI off BTM			PH			TOTAL = 11489.83		TOTAL = 11856.63	
PSI on BTM			Water Loss	10		BHA Run Tally			
Hook Load	100500		Solid Content	11.70%		Rotate	Slide	Circulate	Total
P/U Weight	101000		BH Temp. F.	175 F.					
S/O Weight	92000		Chlorides	180000 PPM					

Time Log			Operation details and comments	Rot.	Slide	Motor Inventory	
From	To	Hours		Ftg.	Ftg.	Clean	
	730	7.50	observe well over night			Dirty	
730	1630	9.00	flow well back, Rig down Basic Rig and release and load out			Comments	
1630	1630		all equipment				
1630	2400	7.50	Flow back and observe well note pressure on casing and tubing equilized				
2400						Daily Charges	
						Rig	\$12,000
						R. Taylor	\$21,690.00
						Adjustment for expenses	\$64,634.37
						Totco	\$5,400.00
						Daily Rig Repair = 2.0 Hr's	
						Total Rig Repair = 2.0 Hr's	
						Daily MWD Down Time = 2.25	
						Total MWD Down Time= 2.25	
						Daily Total	103,724.37
						Cum Total	\$857,633.76
						Directional Representatives	
						Directional Driller's :	
						Mwd Engineers:	
						Operator Representatives	
						Randall Taylor	
Total Hours=	24.00		Total				