Date:	28-Sep-14			Casing S	ize: 13 3/8	3			
Block:				OCSG:	N	MUIR	Well	l No.	1-13H
TD:	168			Casing S	etting Depth	: 151	Hole	Size	14 3/4
			CAS	ING ON H	AND				
JTS	OD	WT	GRADE	THDS	LENGTI	H MANI	UFACTUR	ER I	DATE RC'VD
7	13 3/		J-55	8 RD	286.90		or ne ren	LIK 1	9-28-14
,	10 0/	0 0 110	7 55	0 102	200.50				, 20 1.
	•	·	LOG OF CA	ASING RU	N IN HOI	LE			
JTS		DESCRI			OD	WT	GRD	THD	LENGTH
7	13 3/8 CS		11011		13 3/8	54.5	J-55	8RD	164.87
,	15 5/ 6 61	,,,			10 0,0	0 1.0		OND	10.107
Centralize	ers @	NONE		·			•		
						Les	s Cut Off J	oint	14.20
						Plu	s RKB to C	ut Off	13.8
			GROUND	LEVEL		Cas	sing Set At		150.67
			CEME	NTING RI	TPORT				
Cementin	g Company	ALLIED CEN				its 2			
	g Company	•	bbls of _		<del>-</del> '				8.4 ppg
	l With:		sks of Clas						<u>о.</u> т ррв
Comentee	-	00					O I El IIIES		cf/sk
Followed			sks of Clas						
			<u> </u>						
Displaced	With:	23.2	bbls of	Water	_				8.4 ppg
Plug Bum		NO PLUG	bbls displa	cement. Pres					psi
Plug	bumped yes	FLOAT DID HOL	D Cem	ent: Did	circulate.	YES Volume	cmt to surfa	ace	22 bbls
Estimated	Top of Cemen	t GROUN	D Circulation	n Lost @					
Recommr	neded WOC Tii	me 812 HI	Cement in	Place @	19:00 HRS	ı			_
			CASING	LEFT ON	ROARD				
JIS	LENGTH	DESC	RIPTION		OSITION	TRANSPOR	RTATION	DATE	OFF-LOADED
3	120.50	13 3/8 J-55 CSG, 5		yard		<u> </u>			9-28-14
_									
Reporte	d By:	ROY L BLACK		Da	te: 29	9-Sep-14			

Date:	29-Sep-14				Casi	ng Siz	ze: 9 5/	8					
					Well	No.	o. 1 13H						
TD:	168		th:	477	Hole	Size 12 1/4							
Second Price		AT TT A	ND										
ITS	O	)	WT		THDS	1	LENG	тн	MANI	JFACTURI	ER I	OATE R	C'VD
					8 RD		582.6		1/11/11/0	211101010		9-28-14	
				LOG OF CA	ASING	RUN	IN HO	OLE					
JTS			DESCRIP	ΓΙΟΝ			OD		WT	GRD	THD	LEN	NGTH
12	9 5/8 S0	j				9	9-5/8		36	J-55	8 RD	49	3.11
	6.0	TENTRALI	ZERS MIT	DI F OF FIRST	Г 2-5-7-9	-11		ļ					
		ZETVI KA KEI	ZERS WIL	DLE OF TIME	1,231)	11		_				16	5.25
								_	Plus	RKB to C	ut Off		3.8
			GRO	UND LEVEL					Cas	ing Set At		4	79
	ng Company						No. Of U	Inits	2				
-												8.4	ppg
Cemente	d With:	250	<u> </u>				57' 11		1.26				6/ 1
Callaniad	D.,						Yield =		1.26				cf/sk
ronoweu													cf/sk
Displace	d With:		34.8		Wate		ricia –					8.4	ppg
_							ured up t	to:					psi
		FLOAT							Volume	emt to surfa	ace 22	S 0	bbls
Estimated	d Top of Ceme	ent <u>CIR</u>	CULATED	Circulation	Lost @							_	
Recomm	neded WOC T	ime	4	Cement in	Place @		2:00 AM	[					
				CASING	LEET	ON I	ROARI	D					
JIS	LENGTH		DESCR				SITION		ANSPOR	TATION	DATE	OFF-LO	ADED
2	83.60	9 5/8 CS	G, J-55, 36‡	#, STC	YAR	RD						9-28-14	

Date:

30-Sep-14

Reported By: ROY L. BLACK

Date:	5-Oct-14				Casing	g Siz	:e:		7"				
Block:				OCSG:				MUIR Wel			ll No. <u>1-13H</u>		
TD:	D: Casir				Casing	g Set	ting Dept	h: _	: 3,922 Hole		e Size <u>8 3/4</u>		
				CAS	SING ON	HA	ND						
JTS		OD	WT	GRADE	THDS		LENGT	Н	MANU	JFACTUR	ER I	OATE RO	"VD
60		7	26	LS	8RD		2,806.5	55				10-4-1	4
26		7	26	LS	BUTTRES	BUTTRESS		30				10-4-1	4
2		7	26	LS	8RD / BU'	90.10	10				10-4-14		
						4	4,046.45						
				LOG OF C	CASING R	RUN	IN HO	LE					
JTS			DESCRIPT	ΓΙΟΝ			OD		WT	GRD	THD	LEN	GTH
26	CSG						7		26	LS	BUTT	1,13	5.02
1	CSG		8 RD / BUTT	RESS			7		26	LS	8RD/BU	45.	00
59	CSG						7		26	LS	8 RD	2,74	1.33
1	GUIL	DE SH	OE									1.0	00
Centraliza	ers @	3	1343740-43-4	8	<del></del>							3,92	2.33
	_								Less	Cut Off J	oint	15	
									Plus	RKB to C	ut Off	13	.8
									Cas	ing Set At		3,92	0.73
				CEMI	ENTING 1	REI	PORT						
Cementin	g Company	y <u>A</u>	LLIED OIL & GAS	S			No. Of Ur	nits	2				
Spacers			20	bbls of	V	VAT	ER				@	8.4	ppg
Cemented	d With:	1	75 SKS	sks of Cla	ass REG,	W/	5# GILSC	NITI	E, FL-10				
				@	<u>15.6</u> p	pg	Yield =	1.51					cf/sk
Followed	Ву			sks of Cla	ass	1	plus						
				@	p		Yield =						_cf/sk
Displaced	_		47.8	bbls of							@	8.4	ppg
Plug Bun	-		7.6	bbls disp	lacement. F								psi
	bumped			G: 1.:				NO	Volume of	emt to surf	ace	NONE	bbls
	d Top of Ce		2,200		on Lost @ _				22 0 26	и.		_	
Recommi	neded WOC	. Time	4 HRS.	Cement is	n Place @ _				23 & 26	#			
T	ı			CASINO	G LEFT C	)N I	BOARD	)			1		
JIS	LENGTH DESCRIPT			DIS	DISPOSITION		TRANSPORTATION			DATE OFF-LOADED			
1	43.88		3.08, 26#, LTC, LS								9-28-14		
1	43.88	8	RD / BUTTRESS,2	26#,LTC								9-28-14	
	1												
	l				Į.						l		

Reported By: ROY L BLACK Date: OCT 5, 2014

		(	CASING AND	CEMEN	V <i>I I</i> .	NG KEP	OK1					
	Dat	e 10-16-14		Casing	g Si	ze:	4 1/2					
Block:							R			1 -13H		
TD:	7,645			Casing	g Se	tting Dept	h: 7,63	7,636.22 Hole Size 6				
			CASI	ING ON	HA	AND						
JTS	OD	OD WT GRADE TH				LENGT	TH MANU	JFACTUR	ER D	DATE RC'VD		
128	4 1/	2 11.60	L-80	BUTTRES	SS	5,208.3	35			10-11-14		
57	4 1/	2 11.60	J-55	8 RD		2615.8	8			10-11-14		
1	4 1/	2 11.60	L-80	8RD-BUT	ГТ	39.39	)			10-11-14		
1	4 1/	2 11.60	L-80	BUTTRES	SS	20.28	}			10-11-14		
			LOG OF CA	SING R	RUN	N IN HO	LE					
JTS		DESCRII		DI (G I		OD	WT	GRD	THD	LENGTH		
53	CSG					4.5	11.60	J-55	8RD	2,431.14		
34	CSG					4.5	11.60	L-80	BUTTR	1,387.06		
1	LATCH				(	6.020			BUTTR	1.60		
1	ADPT &	HANGER			(	6.020	26	N-80	BUTTR	8.7		
6	CSG					4.5	11.60	L-80	BUTTR	243.34		
1	MARKE	ER JT				4.5	11.60	L-80	BUTTR	20.28		
87	CSG					4.5	11.60	L-80	BUTTR	3539.52		
2	FLOAT	COLLAR, LANDIN	IG COLLAR							2.13		
1	4.5 BUT	TRESS L-80				4.5	11.60	L-80	BUTTR9	38.78		
1	FLOAT	SHOE							BUTTR	1.30		
Centraliz	ers @						TO	ΓAL		7,673.85		
							Les	s Cut Off J	oint	51.43		
								RKB to C	ut Off	13.8		
							Cas	ing Set At		7,636.22		
			CEME	NTING 1	RE	PORT						
Cementin	ng Company	ALLIED				No. Of Ur	nits 3					
Spacers		20	bbls of	MUD	FLU	JSH			@	8.6 ppg		
Cemented	d With:	380	sks of Class	s	CLA	SS HW/	0.1% SUSPEN	ISION AG	ENT, 0.49	6 FLUID LOS		
10% SOI	DIUM CHLOR	IDE, 1/4# FLO SEA	<u>L</u> @ <u>1</u>	5.2 p	pg	Yield =	1.22			cf/sk		
Followed	Ву		sks of Class	s		plus						
			@	р	pg	Yield =	<u>cf/sl</u>					
Displaced	d With:	82.7	bbls of	V	VA7	ΓER			@	8.4 ppg		
Plug Bun	-	83	bbls displac	cement. F	Press	sured up to	):			psi		
Plug	Did bum Yes		hold. Yes Ceme		Oid (	circulate.	NO Volume	emt to surf	ace	10 ? bbls		
	d Top of Ceme		OO Circulation			NO				bbls displaced		
Recommi	neded WOC Ti	me	Cement in l	Place @ _		12:00						
			CASING	LEFT C	)N	BOARD	•					
JIS						SITION	TRANSPOR	TATION	DATE C	E OFF-LOADED		
1	39.39				R					10-11-14		
4	184.48	CSG, 8RD		RIG					)-11-14			
			·									

Reported By: ROY BLACK Date: 16-Oct-14