

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1090078

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

## WELL COMPLETION FORM

	_	-	-	-	
WELL HISTORY -	·C	DESCRIPTION	NOF	WELL	& LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from  North /  South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil       WSW       SWD       SIOW         Gas       D&A       ENHR       SIGW         OG       GSW       Temp. Abd.         CM (Coal Bed Methane)       Cathodic       Other (Core, Expl., etc.):         If Workover/Re-entry:       Old Well Info as follows:	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: feet depth to: w/ sx cmt
Operator:	Drilling Fluid Management Plan         (Data must be collected from the Reserve Pit)         Chloride content: ppm Fluid volume: bbls         Dewatering method used:
Conv. to GSW     Plug Back: Plug Back Total Depth     Commingled Permit #:	Location of fluid disposal if hauled offsite: Operator Name:
Dual Completion Permit #: SWD Permit #:	Lease Name: License #:
SWD         Permit #:           ENHR         Permit #:	Quarter Sec TwpS. R East West
GSW         Permit #:	County: Permit #:
Spud Date or Recompletion Date         Date Reached TD         Completion Date or Recompletion Date	

### AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

## Submitted Electronically

KCC Office Use ONLY
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:
ALT I II III Approved by: Date:

	Side Two	
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)		Yes No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geological Survey		Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy)	Electronically	<ul> <li>☐ Yes</li> <li>☐ No</li> <li>☐ Yes</li> <li>☐ No</li> <li>☐ Yes</li> <li>☐ No</li> </ul>					
List All E. Logs Run:							
			G RECORD				
		Report all strings se	t-conductor, surface, inte	ermediate, producti	on, etc.	1	
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

#### ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot		PERFORATION Specify Fo		RD - Bridge F Each Interval		e			ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Si	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed F	Product	ion, SWD or ENHF	<b>λ</b> .	Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF (	GAS:			METHOD	OF COMPLE	TION:		PRODUCTION INTER	RVAL:
Vented Sold		Used on Lease		Open Hole	Perf.	Dually (Submit)		Commingled (Submit ACO-4)		
(If vented, Sub	mit ACC	)-18.)		Other (Specify)	)					

# ALLIED CEMENTING CO., LLC. 042513 Federal Tax I.D.# 20-5975804

<b>REMIT TO</b>	P.O. BOX 31
	RUSSELL, KANSAS 67665

SERVICE POINT:

R000122, RATORS 07005			G-cat	Bend
DATE 5-22-12 35 3 3 21	CALLED OUT	ON LOCATION	JOB START	
LEASE MOLAY WELL # 1 LOCATION	Lagen Swes	+ 6 No.th	COUNTY	STATE
	to No. + we		1	
			A	
CONTRACTOR Discovery Risi	OWNER	Black D	· comond	
	CEMENT			
HOLE SIZE 12 T.D. 221 CASING SIZE 8 2 DEPTH 221	CEMENT			
TUBING SIZE DEPTH		RDERED 160	2X C. 19 50	8- <b>6</b>
DRILL PIPE DEPTH	12/60	a +2% Gel		
TOOL DEPTH				
PRES. MAX MINIMUM	COMMON	11-0	011.25	7/ 00 00
MEAS. LINE SHOE JOINT	COMINION_	160	_@_6.~	4600.
CEMENT LEFT IN CSG. 15	POZMIX GEL	3	@ 21-25	1 3 75
PERFS.	CHLORIDE	~		
DISPLACEMENT 13 BBLS				349.20
	ASC		_@	
EQUIPMENT			_@	
			_@	
PUMPTRUCK CEMENTER			_@	-
# 398 HELPER Kerry			_@	
BULK TRUCK			-	
# 378 DRIVER Jac				
BULK TRUCK			_@	
# DRIVER	HANDLING	173.5	@ @ <b>Z.</b> / D	364.35
	MILEAGE	7.9/ 2 95	2.35	1.765.20
REMARKS:	MILLENOL _			E 142 30
			TOTAL	5.143.3
Pipe on Basson Break ch.	<u>culefic</u> s			
white Rig need		SERVI	CE	
Run 3BBW Ahead	8.1.1			
Mix 160 SX CLOSS A+3% +2 Displace 138865 freshwate		IOB 221		
Shut in		CK CHARGE		,
Conject did circulate		DTAGE	_@	
Rig Dawn	CARACTER STREET, S		@ 7.00	665.00
niz veez	MANIFOLD		@	
	h	. VM 95	@ 4.00	380.00
			_@	
CHARGE TO: Black Diamend				
STREET			TOTAL	2170.00
51KEE1				
CITYSTATEZIP				
		PLUG & FLOAT	EQUIPMEN	т
			@	
			@	
To Allied Cementing Co., LLC.			@	
You are hereby requested to rent cementing equip				
and furnish comparison and help ar(a) to remembring equil			@	
and furnish cementer and helper(s) to assist owne	er or			
contractor to do work as is listed. The above wor				
done to satisfaction and supervision of owner age	ent or		TOTAL	
contractor. I have read and understand the "GEN		115		
TERMS AND CONDITIONS" listed on the rever	rse side. SALES TAX	(II Any)	20	
	TOTAL CHA	RGES 7. 31 3		
PRINTED NAME	25	5 1.821	5.30	
	DISCOUNT		IF PAIL	D IN 30 DAYS
Alle I.		RGES 7.313 8 1.821 5.48	1.90	
SIGNATURE CHIPPEndial		<b>U</b> , 10	-	

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									EM	Mike	e bolle	V	8
SI OB	E TEST	ACCIDENT: -							н	Case	4 JONE	5	8
		(GIVE NAME)	DAX	13 3675	372	7	19		н		1		
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ZE				VISC.			CORIN	IG		10	SIZE COLL.		
RIAL NO.				WTR. LOSS-C.C.			отну	221 4	3	GA	JTS. D. P.		FT.
PTH IN				FILTER CAKE			TRIP	RS WO.	+	1/4	KELLY DOWN		FT.
URS RUN				MTL. ADDED (F	EMARKS	)	IM	17 61	1	11 11	TOTAL		FT.
EMARKS:	1100-1	00 WOT	Maker	PTOL 19	2-27	OIN	lity	-001	-	200_400-	TOR 402-51	5 arts	10
515	545B	VEAKL	AL TO	1 Down	J 54	+5_6	45	1 m	B	it 645-	70° SETUDT	OLAY	Den.
Pippo			(						1-		i shi pi	a print	200
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	per 1 des		132						DM				8
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SLOPE	E TEST	(GIVE NAME)	Mouse	T - 30 5	KS		Arres 1	<u>}</u>	н				
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N NO.	ndcorei	HEAD RECORD		MUD I WEIGHT	RECORD		DRILLI		RE	CORD	DRILL STEM	RECORD	
									1	1-2	SIZE COLL.		
	728-BR			VISC.			6-AV	PDAWA	4				
	GX202			WTR. LOSS-C.C.			EUB			2	JTS. D. P.		FT.
	Gx202 520471						EU-B	DOWN	-	2	KELLY DOWN		FT.
KE RIAL NO. PTH IN URS RUN	GX202 570471 221	V		WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (R			TRIP IN	HOLE	66-	1	KELLY DOWN COLLARS TOTAL		FT. FT.
KE RIAL NO. PTH IN URS RUN	GX202 570471 221	V		WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (R		115	TRIP IN	HOLE	66-	1	KELLY DOWN COLLARS TOTAL	ro /1類	FT. FT.
KE RIAL NO. PTH IN URS RUN	GX202 570471 221	V		WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (R		115	TRIP IN	HOLE	66-	1	KELLY DOWN COLLARS TOTAL	TO 112	FT. FT.
KE RIAL NO. PTH IN URS RUN	GX202 570471 221	V		WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (R		115 + 10 E D	TRIP IN	HOLE	66-	1	KELLY DOWN	TO 11-41 ILAY RA	FT. FT.
KE RIAL NO. PTH IN URS RUN	GX202 570471 221	V		WTR. LOSS.C.C. FILTER CAKE PH. MTL. ADDED (R Pip-2 8/3 0 12:45 30 - 300		VII5 + Lo Weigh ON BI	TRIP IN TRIP IN TRIP IN TRIP	HOLE	66-	1	KELLY DOWN COLLARS TOTAL	1	FT. FT.
KE RIAL NO. PTH IN URS RUN MARKS: ) MARKS: )	Gx202 576471 221 7.0070 8 On Cen	V	down : 1/1157	WTR. LOSS.C.C. FILTER CAKE PH. MTL. ADDED (R Pip-2 8/3 0 12:45 30 - 300	749 ins TEA	115 + 10 E D WEIGH	TRIP IN TRIP IN TRIP IN TRIP	Nolé Nolé Nolé Nolé Nolé	2/1	1	KELLY DOWN COLLARS TOTAL TAS, 911/57 130 BREAK	1	FT. FT. J
KE RIAL NO. PTH IN URS RUN MARKS: ) MARKS: )	Gx202 576471 221 7.0070 8 On Cen	V	down : 1/1157	WTR. LOSS.C.C. FILTER CAKE PH. MTL. ADDED (R Pip-2 8/3 0 12:45 30 - 300	749 ins TEA	115 + 10 E D WEIGH	TRIP IN TRIP IN TRIP IN TRIP	Hole Nole Nole Nole Nole Nole Nole		1	KELLY DOWN COLLARS TOTAL TAS, 911/57 130 BREAK	1	FT. FT. J
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DAILY DR	RILLING REF B-5 BOX 800, TU 1-800-331-72				7.1	1 :		00		DATE	1.2	
COMPANY	1000-331-72		LEASE	× 1	JYII	100	5	0	. INC.	5-27	-12-	
BLOO	1 dia	mandal	TV	A A	TT .	- · ·	$\cup$			WELL NO.	RIG NO.	
DISTRICT	N VIIV	COUNTY	and napro later	141	STAT	DY				D. P. STRING NO.	)	
			IOV TON			KS				D. P. STRING NO.	SIZE	
FROM	то	FORMAT	ION	ROTARY	WEIGI ON B		PUMP PRES.			NAME		HRS.
3690	3795	Line		80	400	or 8	5004	DM	KENN	N Jour	25	8
								EM	mike	Bolly	e v	8
	- Tra							н	Casa	T		8
SLOP	E TEST	ACCIDENT: (GIVE NAME)				53		н	54.25	y son	65	5
@	FT.	1										
	DEG. OFF	(2	ZHBI	Sma	and	-	Q	28	Terr	ry Jone	5	8
BI	T AND CORE	HEAD RECORD	MUD	RECORD	- <u>-</u>		TIME	ERE	CORD	DRILL STE	M RECORD	1
RUN NO.	2		WEIGHT 9,			DRILLIN	IG		5	SIZE D. P.		
SIZE	73 6	£	VISC. 60+			CORING	CON	N.	G	SIZE COLL.		
MAKE	6×20	L	WTR. LOSS-C.C.			OTHER	RI	6	ti.	JTS. D.	P.	FT.
SERIAL NO.	52047	164	FILTER CAKE			REPAIRS	5			KELLY DOWN		FT.
DEPTH IN	221		PH.			TRIP				COLLAR	s	FT.
HOURS RUN	583	2	MTL. ADDED (R	EMARKS	)	CII	rc	2	2	TOTAL		FT.
REMARKS:	1100_1B		0 1130-12	5 D	いころ	1215-	-115	CF	-59 370	2115 600	Dri	11
6027	CO CF	5937951	DID									

FROM	то	FORMAT	ION		EIGHT	PUMP PRES.			NAME	HRS
3795	BTD					850	DM	1	ntivelk	0
3792	LTD	Superior					EM	Turtin	Bunting	8
		,					X	George	Leaved ada	8
SLOP	E TEST	ACCIDENT: - (GIVE NAME)			di <sup>ger</sup>	1	н	Jan Jac		
@ <b>3</b>	795 FT.	(			di	Ster				
120	DEG. OFF	8	HPS Da	wwork)	These	and A	24)	Salko	m-e	8
BI	T AND COREH	EAD RECORD	MUD	ECORD		TIM	ERE	CORD	DRILL STEM REC	ORD
RUN NO.	2		WEIGHT 93	9.4	DRIL	LING			SIZE D. P.	
SIZE	726 B	R	VISC. 65	13	COR	ING			SIZE COLL.	
MAKE	GX200	-	WTR. LOSS-C.C.	3,8 2,9	A	59		142	JTS. D. P.	FT
BERIAL NO.	570471	it	FILTER CAKE	1/3	2 TEE	1200	-	12	KELLY DOWN	FT
DEPTH IN	221		PH.	11.0		Short		34	COLLARS	FT
HOURS RUN	583	F	MTL. ADDED TR	EMARKS)	Per 1	241240		High	TOTAL	FT

REMARKS: 7:00+07145 Short Trip (10) 7:45 TO 9:15 CAST. 9:15 TO 10:4535, TRIPOLT FORLOG. 1045 300 Logging

	1										
FROM	то	FORMATIC	N	SPEED	WEIGHT ON BIT	PUMP PRES.			NAME		HRS.
3795	Ris						DM	CHUC	K Dick		8
		10	-10.1				EM	GEDRG	E LOUELADY		8
		(8	ANS N	mwar	$\mathbf{E}$		н	RUAN	LOUELADY		8
SLOP	PE TEST	(GIVE NINE) 2 -	STRADDLE	- 357	5-36	30	н	/			
@	FT.	30-30-	45-90			*					
	DEG. OFF	750' MUDD	WA72R		1	10.67	128	DSTAN	LOVELADY		8
BI	T AND COREH	EAD RECORD	MUD	RECORD		TIN	IE RE	CORD	DRILL STEM RE	CORD	No
RUN NO.			WEIGHT		DR	LLING			SIZE D. P.		
SIZE			VISC.		cō	EFWAT	cA.	1	SIZE COLL.		
MAKE			WTR. LOSS-C.C.			OBG Me		1	JTS. D. P.		FT.
SERIAL NO.			FILTER CAKE			PAIRS			KELLY DOWN		FT.
DEPTH IN			PH.		TRI	Р			COLLARS		FT.
HOURS RUN			MTL. ADDED (R	EMARKS)	D	ST#Z	-	6 - 4	TOTAL		FT.
REMARKS:	3:00-4:00	Locking 4:00	-4:30 MAKE	up Teo	1 Anich	THE + TO	10.0	26. 4:30-5	30 TRIP iN W/TON	1 5	18/1-
8:45 0	1	T#2 8:45-9:0								Kell.	Au
Tool N	ow.		- MET MET	, per	,,	- 11	P				-+-
PRINTED IN U.S	.A.	A	PPROVED				THE LINE AND				
											TOOL

PUSHER

		$\frown$							$\bigcirc$			
DAULY DD		0.07		CONDICTION OF		And a state				Sat.		
DAILY DR	LLING REP BOX 800, TUL 1-800-331-729	ORT CONTRAC	TOR	-	5	1.				DATE		
COMPANY	-5 1-800-331-729	DI.	Scover	4	Dri	111	NG	Co	INC	5-26-		-
Black	1	1 - 1 -	LEASE	1	0	h	5			WELL NO.	RIG NO.	
DIGC	K ON 191	DOUD QUL	TWC .	14	A	a	4			D. P. STRING NO.	SIZE	
		NG	NOTON			1	<			D. P. STRING NO.	SIZE	
FROM		1	410100	ROTARY	WEIGH	HT	PUMP	11				
FROM	то	FORMATIO	N .	SPEED	ON B		PRES.			NAME		HRS.
3560		Line						DM	KENN	V. Tovo	<	X
									0. "14	PILO		8
		1	DIDAN	0	()			EM	MIKS	e polle	V	
			SNKSA	ay6	fork)			н	Cas-e	y Jove	S	8
SLOP	ETEST	ACCIDENT: -	412.	20	101	21		н		1		
0	3560 FT.	45-60	×12405	-00	68 G	0 hours						
, !	L DEG. OFF	12-60	<u></u>	61 -		_	6	R	management	- And		6%-
1-	И		Strap		1 80	2	V	DRLR	the second se	in nom	25	8
		EAD RECORD		RECORD				IE RE	CORD	DRILL STE	MRECORD	
RUN NO.	2		WEIGHT VISC.			DRIL				SIZE D. P.		
MAKE	78R	P	WTR. LOSS-C.C.			COR			16	SIZE COLL.		
SERIAL NO.	GX200		FILTER CAKE			REPA	DST	1-	14	JTS. D.	P.	FT.
DEPTH IN	5/04/1	4	PH.				ST	-	1	COLLAR	e	FT.
HOURS RUN	41		MTL. ADDED (R	EMARKS	;)		1100	1	4	TOTAL		FT.
REMARKS:	100	S When	115 1151	11-				-		1.1	116 24	60
	-	S OUT "Enlays				RA	MIC	101		15' Bottom		PCAS
245-4	15 DUT	BIT STVA	ppipe 4	15_	445	M	AKE	Up	2 TOOL 2	445 6001	NWA	Tool
602	700 T	OB	111					1				
FROM	то	FORMATIC	N	ROTARY	WEIGH ON BI		PUMP PRES.			NAME		HRS.
3560	3578	<u> </u>			01 8				)	Ann 1 / 1		8
3040	3018	Shale a/im.	¢	80	401		850	DM	Lorry	mlinek		D
		G.						EM	Tust in	Bant inc		8
		16	74 ×125.	Day,	white			н	N. J.	Burlin	5 · · ·	8
SLOPE	E TEST	ACCIDENT: - TKY	12/ 2119	0-35	10	1500	UN.		2-10-1- 1	1000 CT 61 Cm		
@	FT	New	1 3K7	0 20	40	Set.	2	н				
	FT.		X2.			- All		-				14
	DEG. OFF	Brec 117	mW		and a	- 1973-1973 -	ana ()	26	Syl B.	han ye		8
	AND COREH	EAD RECORD	MUD	RECORD			TIM	IE RE	CORD	DRILL STEN	RECORD	the second second
RUN NO.	al		WEIGHT 9.4	1		DRIL	LING		14	SIZE D. P.		
SIZE	2-8 R 10	the second s	VISC. 60	19		CORI			1	SIZE COLL.		
MAKE SERIAL NO.	GX 20 0		WTR. LOSS-C.C.	0		OTHE			/	JTS. D. F	2	FT.
DEPTH IN	57047	14	FILTER CAKE			REPA	IRS			KELLY DOWN		FT.
HOURS RUN	22		MTL. ADDED (R	EMARKS			STE	1	534	COLLAR	5	FT.
	1	9'12 02 L	0					- L	2000			
REMARKS:	210010	9:30 0Bw/72.	7,7,3010	11:00	[ Call	les	Dy.	mpl	ylid Cleans	app: 11:00 TO Ja	LHSTYY	nw
Bit lo	4,45+01	ius CAT, lin	5+0 5,00 0	1:11								

FROM	то		FORMATION	1	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.			NAME	HRS.
3578	3690	SHALE +	Lime		80	40,000	850	DM	СНис	K Dick	8
						,		EM	GEORG		8
								н		LOUELADY	8
SLOP	PE TEST	ACCIDENT: - (GIVE NAME)					State of State	н	/	l	
@	FT.		/	0			***		-		
	DEG. OFF		314	HES D	ani	bik)	Read of the second s	128	STAN	LOUELADN	8
BI	T AND COREH	EAD RECORD		8: and			TIM	AE RE	CORD	DRILL STEM REC	ORD
RUN NO.	2			NEIGHT S. 1		D	RILLING		61/2	SIZE D. P.	
SIZE	77/81	RR	`	/ISC. 60+	-		onno Car	N	1/2	SIZE COLL.	
MAKE	GX 200		1	WTR. LOSS-C.C.		9	THER Rig	1	1/4	JTS. D. P.	FT
SERIAL NO.	520471	4	F	TILTER CAKE		R	EPAIRS			KELLY DOWN	FT
DEPTH IN	221		F	РН.		4	CFS		3/4	COLLARS	FT
HOURS RUN	533	4	1	MTL. ADDED (F	EMARKS					TOTAL	FT

REMARKS: 3:00-3:45 DR.lq. 3:45-4:00 CFS@ 3590' 4:00-5:00 DR.lq. 5:00-5:15 Rigve 3607' 5:15-10:30 DR.lq. 10:30-11:00 CFS@ 3690'

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DAILY DI Keandelle 4 Company Black	RILLING REP 3-5 1-800-331-72	DNDODLZ	DR. DR.	Y I N	JVI AA STATE	line dy	ć	O INC_	TV1 c 5-25 WELL NO. D. P. STRING NO.	- 1 2 RIG NO. J SIZE	
FROM	то	FORMAT	ON	ROTARY	WEIGHT ON BIT	PUMP PRES.			NAME	1	HRS.
3231	3438	Shalet	Lime	80	4000		DM	Ken	NY Jak	res	8
							EM	mik	e Boll	ev	8
							н	Case	21 JON	es	8
SLO	PE TEST	ACCIDENT: (GIVE NAME)				S.	н		1		
@	FT.								8		
	DEG. OFF					(I.	28	Tevi	A. Jow	05	8
В	IT AND COREF	EAD RECORD	MUDI	RECORD		TIN	IE RE	CORD	DRILL STE	MRECORD	10000
RUN NO.	2		WEIGHT SID		1	DRILLING		T-L	SIZE D. P.	1	
SIZE	73 P	R	VISC. 60			ORING COA	NI	12	SIZE COLL.		
MAKE	6×20	Ċ	WTR. LOSS-C.C.				1.	17.	JTS. D.	P.	FT.
SERIAL NO.	52047	14	FILTER CAKE		F	REPAIRS	-		KELLY DOWN		FT.
DEPTH IN	22	1	PH.		1	RIP			COLLAR	s	FT.
HOURS RUN	401-	2	MTL. ADDED (R	EMARKS	)				TOTAL		FT.
REMARKS:	1100-11	45 Drill 1145	-1200 612	326	3VR	IG 12	00_	-700 Dri	11		

FROM	то	FORMATI	DN	ROTARY	WEIGHT ON BIT	PUMP PRES.			NAME	HRS.
3438	3560	SHALE + Li	ne	80	40,000	800	DM	LARR	V MLINER	8
							EM	JUSTIN	/	8
							125			8
SLOP	E TEST	ACCIDENT: - (GIVE NAME)			1	1940 march	н		the second s	
@	FT.	1				NOT THE				
	DEG. OFF	(13)	ARS DO	max	VE)	inacianesi	K	STAN	LOVELADY	8
BI	T AND COREH	IEAD RECORD	7:340			TIN	AE RE	CORD	DRILL STEM R	ECORD
RUN NO.	2.		WEIGHT 9.3	9		RILLING		51/2	SIZE D. P.	
SIZE	77/8	RR	visc. 59	6	2 0	COA	IN	1/2	SIZE COLL.	
MAKE	GX20C		WTR. LOSS-OCT	8.	8 -	MER Rig		1/4	JTS. D. P.	FT.
SERIAL NO.	52047	14	FILTER CAKE	Y-	32 RE	PAIRS			KELLY DOWN	FT.
DEPTH IN	221		PH.	10,		T Circ		11/2	COLLARS	FT.
HOURS RUN	46		MTL. ADDEDCA	AMARY 2	× 5	HORT TRE	P	1/4	TOTAL	FT.

REMARKS: 7:00 - 7:15 DR/g. 7:15-7:30 Rigve 3451' 7:30-1:15 DR/g. 1:15-2:45 CFSC 3560' 2:45-3:00 SHORT TEEP

FROM	то	FORMATIC	N N	ROTARY	WEIGHT		T	1	NAME	HRS.
				SPEED	ON BIT	PRES.			NAME	пкъ.
3560						800	DM	CHUCK	Dick	8
		6					EM		LOUELADY	8
		(8	ARS Da	nwo	K)		н		DUELADY	8
SLOP	E TEST	ACCIDENT: (GIVE NAME)		·		Alexandra B	н	/	/	
@	FT.	DST#1 3	498-357	60	62'	ANCHOR				
	DEG. OFF		ic A Zone			No. 19	DREF	8 STAN	LOVELADY	8
BI	T AND COREH	IEAD RECORD	7:300	RECORD		TI	MER	ECORD	DRILL STEM RE	CORD
RUN NO.	2		WEIGHT 9,1			DRILLING			SIZE D. P.	
SIZE	77/8 K	R	VISC. 65			CORING Cik	e	5	SIZE COLL.	
MAKE	GXZOC		WTR. LOSS-C.C.			OTHER			JTS. D. P.	FT
SERIAL NO.	52047	14	FILTER CAKE			REPAIRS			KELLY DOWN	FT
DEPTH IN	221	,	PH.			BHORT TO	10	14	COLLARS	FT
HOURS RUN	46		MTL. ADDED (R	EMARKS	)	DST#1	-	13/4	TOTAL	FT
	3:00-4:15	SHORT TEIP 26 - Pulled TIGHT			CAST D GEOL		11:0	N Deep Su	le Stor - Teip on	rw/815-

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		$\frown$							$\bigcirc$			
DAILY DE	RILLING REF 3-5 BOX 800, TU 1-800-331-72	PORT CONTRAC	SCOLLEV		Dr.	11.:		C	O.INC	DATE 5-24	-12	
BIGO	k du	anardou	TK, LEASE	MA	told	14	5		The Condition of Contract of Contract	WELL NO.	RIG NO.	
DISTRICT		COUNTY	wtow		STATI	e l				D. P. STRING NO.	SIZE	
FROM	то	FORMATIC	N	ROTARY	WEIGH ON BI		PUMP PRES.			NAME		HRS
2440	2750	Shale		80	350		300	рм	Kenn	4 Jone	25	8
								EM	mik	e Bolle	-V	8
SLO	PE TEST	ACCIDENT: -						н	Case	y Jon	25	8
@	FT.	(GIVE NAME)				arti-		н		9		
	DEG. OFF	FVAC	FULL	F	$\mathcal{D}$		0	28		mangaround		X
В	T AND CORE	HEAD RECORD	and the state of t	RECORD	A COLORADO AND A COLO	1	TIM	DRLR	ECORD		eS M RECORD	0
RUN NO.	2		WEIGHT 95	9.		DRILLIN		1	62	SIZE D. P. (DP	160	
SIZE	736	2	VISC.			CORING	CON	ac	3/4	SIZE COLL.	11	
MAKE	G×20	C	WTR. LOSS-C.C.			OTHER		I	16	J.T.	R. 2	FT.
SERIAL NO.	52047	14	FILTER CAKE			REPAIR		-		KELLY DOWN	Pat	FT
DEPTH IN	221		PH.	1		TRIP				COLLAR	0 10	FT.
HOURS RUN	20%		MTL. ADDED (R	EMARKS	)	T	T		1/2	TOTAL	Ke	FT.
REMARKS:	1100-1	15G22446V	BIG/Je	77/ (	1115	-51	57	vi	11 515-53	· Gr 21.97	Tors	× 1
53270	Drill											,
	1											
FROM	то	FORMATIO	N	ROTARY SPEED	WEIGH ON BIT	r P	PUMP RES.			NAME		HRS.
2750	3015	Shale		80	4000		00	DM	Lorist	nlinek		8
								EM	Justin	Banting		8
		ACCIDENT						н	Andrew	Benedick		8
SLOP	ETEST	ACCIDENT: (GIVE NAME)				Sparage		н				
@	FT.					AND DE CONTRACTOR						
	DEG. OFF	2 tanks for #	2 plus	1 100	ed fam	R	A	24	ScIR.	An 1 20 .		8

	a Turnes for	2 714> 1	lead for	AN ()KK	R 34119	ome.	D
В	IT AND COREHEAD RECORD	MUD REC	ORD	TIME	RECORD	DRILL STEM	RECORD
RUN NO.	2	WEIGHT 9.1		DRILLING	61/4	SIZE D. P.	60-75
SIZE	728 AB	VISC.		CORING COM	3/4	SIZE COLL.	3.ASH-1
MAKE	GX20C	WTR. LOSS-C.C.		OTHER V	TH .	JTS. D. P.	MANST-MT.
SERIAL NO.	5204714	FILTER CAKE		REPAIRS		KELLY DOWN	L16-3T.
DEPTH IN	221	PH.		TRIP		COLLARS	DR16-2435K
HOURS RUN	2612	MTL. ADDED (REMA	RKS)	Ver	34	TOTAL.	LULL CET 17

REMARKS: 7:0070 7:155-18:57:1570730 Jot #74 2760, 7:3070/0: H5 Drill, 10: H5 TO 11:00 Clean System, 8 8893 11:00 TU/1:30 Dr: 11 11: 30 TO 11: 45 Jot #1 (Displaced 2912) 11: 45 TO 3:00 Dr: 11

FROM	то	FORMATI	ON	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.			NAME	HRS.
3015	3231	SHALE		88	40,000	800	DM	CHUCK	Dick	8
					· ·		EM	GEDRGE	LOVELADY	8
				1 2			н	RYAN	LOUFLADU	8
SLOP	E TEST	ACCIDENT: - (GIVE NAME)			Å	Kennel	н	<i>p</i>	por C St C and C Y	<u>u</u>
@	FT.		1			1950				
	DEG. OFF	(	1/4 HR MA	mida	(e)	and a	128	STAN	LOUFLADY	8
BI	T AND COREH	IEAD RECORD	18:300	RECORD		TI	AE RE	CORD	DRILL STEM REC	ORD
RUN NO.	2		WEIGHT 8.8			RILLING	T	634	SIZE D. P.	
SIZE	77/8	RR	VISC. 59			MANNE CO	IN	1/2	SIZE COLL.	
MAKE	GX20		WTR. LOSS-C.C.			miss Rig		1/4	JTS. D. P.	FT.
SERIAL NO.	52047	14	FILTER CAKE		R	PAIRS			KELLY DOWN	FT.
DEPTH IN	221	,	PH.		F	Perpm		1/4	COLLARS	FT.
HOURS RUN	3344	1	MTL. ADDED (R	EMARKS		Ample	2	1/4	TOTAL	FT.

REMARKS: 3:00-3:30 DR/q. 3:30-3:45 Pupm 3:45-4:00 Rig ve 3043' 4:00-10:45 DR/q. 10:45-11:00 SET SAMPLE BOD ( 323)'

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DAILY DR	ILLING REP BOX 800, TÚI 1-800-331-72	ORT LSA OK 74101 90		IScove	ry.	Dr	illi	5	COJA	DATE 5-23	- 12	
Black	Kdia	moud	911	ILEASE	M	Add	$\sim$	)		WELL NO.	RIG NO.	
			NO	cton		STATE	5			D. P. STRING NO.	SIZE	
FROM	то		FORMATIC	N	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.			NAME		HRS.
221	688	50	ASS	Lele	90	15005		DM	Kenn	y Jone	S	8
								EM	Mike	Bolly	ev	8
								н	Case	24 Jon	105	8
SLOP	E TEST	ACCIDENT: (GIVE NAME)						н		1		
@	FT.											
	DEG. OFF						0	22 DRLR	Tev	M. JON	29	8
	T AND COREH	EAD RECORD		MUD	RECORD		TIN	IE RE	CORD	DRILL STEN	RECORD	
RUN NO.	4			WEIGHT		DI	RILLING	3	374	SIZE D. P.		
SIZE;	781	£		VISC.		co			14	SIZE COLL.		
MAKE	6×20	C		WTR. LOSS-C.C.		01	-ber CC		3	JTS. D. F		FT.
SERIAL NO.	5204	714		FILTER CAKE		RE	PAIRS			KELLY DOWN		FT.
DEPTH IN	221			PH.		TR	IP			COLLARS	5	FT.
HOURS RUN	331	1		MTL. ADDED (R	EMARKS	)				TOTAL		FT.
REMARKS:	100-2	00 6000	Q 2	21200	700	Dill						

FROM	то	EODMAN	1011	ROTARY	WEIGHT	PUMP	1			T	-
	.0	FORMAT		SPEED	ON BIT	PRES.			NAME	HR	S.
688	1976	Sand +S	hale	90	300000	700	DM	Parry	Minak	8	
		1					EM	Vustin.	Bunting	8	
							н	Andrew	Benedick	8	1
SLOP	ETEST	ACCIDENT: (GIVE NAME)				ana	н	/ .			
@	FT.				2	S. C.	~				
	DEG. OFF	-	- 1 in FRA	r -	512.0	()	26	S. IR.	ME	8	-
BI	T AND COREH	IEAD RECORD	MUD	RECORD	1	TIM	IE RE	CORD	DRILL STEM	RECORD	1000
RUN NO.	2		WEIGHT	90	DRI	LLING		21	SIZE D. P.	GEL -2	25
SIZE	738 R	R	VISC.		3.94	une Con		321	SIZE COLL.	SACH-	2
MAKE	6 × 200		WTR. LOSS-C.C.		0.71			10	JTS. D. P.	PAUST-2	EL
ERIAL NO.	52047	m	FILTER CAKE		REP	AIRS		9	KELLY DOWN	LG-1	FT.
DEPTH IN	221		PH.		TRI	2			COLLARS	DRIS-	FR 1
HOURS RUN	734		MTL. ADDED (R	EMARKS)		Vet		-	TOTAL	THULLST	Fil

REMARKS: 7,0070 7:15 Bor Rig. 7:15 TO7:30 DI;11, 7:30 TO7:45 JEJ 10749, 7:4570 1:30 DI:11, 1:30 TO 1:45 JET# 1 @ 1755, 1:4570 3:00 DI:11

FROM	то	FORMAT	ION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.			NAME		HRS.
1976	2003	ANHYDRIFE		80	35,000	800	DM	CHUC	K Dick		8
2003	2440	SITALE		90	35,000	-				/	8
					,		н	RYAN	E LOUELADY LOUELADY		8
SLOP	E TEST	ACCIDENT: - (GIVE NAME)			1360	SHILL SHOW	н	,			
@	FT.				6						
	DEG. OFF	-3-iv	Frac	_	Care and a second s		128 DRLB	) STAN	LOUELADY		8
BI	T AND COREH	EAD RECORD	MUD	RECORD		TIM	E RE	CORD	DRILL STEM	RECORD	Contraction of Contraction
UN NO.	2		WEIGHT		DRI	LING		6	SIZE D. P.	Gel-	50
IZE	77/8	RR	VISC.		<del>601</del>	HING CON	N	1/2	SIZE COLL.	S.ASI	
AKE	GX 200	2	WTR. LOSS-C.C.		OTH	Rig.	~	14	JTS. D. P.	Caust	>
		9	FILTER CAKE		REP	AIRS			KELLY DOWN	7:4:	>FT.
ERIAL NO.	5204	114	FILTER CARE								
ERIAL NO.	5204" 221 133/4		PH.		TRI	>	-		COLLARS	D.L.	2/0

REMARKS: 5:00-5:15 Rigve 1976' 3:15-5:15 DR/g, 5:15-5:30 JET#10 2069' 5:30-11:00 DR/g.

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DIA.			LEAS	E	ing i carri	Ug J	in	1	WELL NO.	RIG NO.	
ISTRICT	tck Dra	MOND OLC.	LNC.	MA	STATE				1	1	
		r	ORTON			's			D. P. STRING NO.	SIZE	
FROM	то	FORMA	TION	ROTARY	WEIGHT ON BIT		1		NAME		
				SPEED	ON BIT	FRES.					
							DM	1 Ren	use plus	es	\$
							EM	mi	Ke' Boll	ev	4
		ACCIDENT: -					н	cas	ev Tor	res	2
SLO	PE TEST	(GIVE NAME)				19	н		10-	0	
@	FT.					Street State					
	DEG. OFF					1	199	) (;	and all a long	1.1.0.4	<
and which an an and the state of the state o	TAND CORE	IEAD RECORD	MUI	DRECORD		т	ME R	R CORD	DRILL STE	MRECORD	
N NO.			WEIGHT		1	DRILLING			SIZE D. P.	19.14	
KE			WTR. LOSS-C.C.			CORING			SIZE COLL.	100	1
RIAL NO.			FILTER CAKE			REPAIRS	2	8	JTS. D.	P.	
PTH IN			PH.			RIP			COLLAR	s	
URS RUN			MTL. ADDED	REMARKS	•)				TOTAL		
MARKS:	702	300 Hel	P Set V	na V	rigu	0					
			( )	5	1.	r					
FROM	то	FORMAT	TION	ROTARY	WEIGHT	PUMP	1				T
0	193	C	1. 10. 10	SPEED	ONBIT	PRES.		,	NAME		н
V	173	SURFACED	LAYTHNO	100	ALC	600	DM	LARR	Y MILINE N BUNTIN	K	
		BSHALE					EM	Just,	N BUNTIN	19	
							н	ANDRE	W BENEDI	17	
SLOP	PE TEST	ACCIDENT: (GIVE NAME)				Carrier Contraction of the Contr		TINUNG	Veneer	<u> </u>	1
@	FT.					and the second second	н				
	DEG. OFF	Spud 124	0 19 450	N.A		di Anesana		CLIFF	1444		
		Pro Guy	Sold I.	M 5/	22/12	the second s	DRLR		MAYFIELD		
BI	T AND COREH		MUD	RECORD			IF PE	CORD	DOUL CTEL	1 DECODE	-
NO.	T AND COREH		MUD	RECORD	D	RILLING	IE RE	I 3/4	DRILL STEN SIZE D. P.	A RECORD	
NO.	1 12 4		WEIGHT VISC.	RECORD		and the second se				A RECORD	
E NO.	12		WEIGHT VISC. WTR. LOSS-C.C.	RECORD	C1	RILLING			SIZE D. P. SIZE COLL. JTS. D. F		
E IAL NO.	1 12 4		WEIGHT VISC.	RECORD	Ci di Ri			13/4	SIZE D. P. SIZE COLL. JTS. D. F KELLY DOWN		
I NO. E IAL NO. TH IN	1 12 5 JZ BITJ WAYI 7 0 13/4	EAD RECORD	WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE	REMARKS	Ci di Ri TF	RILLING ORING OM		13/4	SIZE D. P. SIZE COLL. JTS. D. F		
I NO. E IAL NO. TH IN	1 12-4 JZ BITJ WAY17		WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (1	REMARKS	Ci di Ri TF	RILLING ORING OM	N Up	1 2/4	SIZE D. P. SIZE COLL. JTS. D. F KELLY DOWN COLLARS TOTAL	3	
E IAL NO. TH IN IRS RUN	1 12 4 JZ BITJ WAYI 13/4 100-10	EAD RECORD	WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (1)	REMARKS)	RI RI TE R 30 Mon	RILLING ORING OM HEBEL LI EPAIRS RIP AT HOLE	n Vp	13/4 5 12 1030 12	SIZE D. P. SIZE COLL. JTS. D. F KELLY DOWN COLLARS	3	
NO. E IAL NO. TH IN RS RUN	1 12 4 JZ BITJ WAYI 13/4 100-10	ABADOU	WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (1)	REMARKS)	RI RI TE R 30 Mon	RILLING ORING OM	n Vp	13/4 5 12 1030 12	SIZE D. P. SIZE COLL. JTS. D. F KELLY DOWN COLLARS TOTAL	3	
NO. E AL NO. FH IN RS RUN	1 12 4 JZ BITJ WAYI 13/4 100-10	KADOU SA	WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (1 TRig //	REMARKS)	RI RI TE R 30 Mon	RILLING ORING OM HEBEL LI EPAIRS RIP AT HOLE	n Vp	13/4 5 12 1030 12	SIZE D. P. SIZE COLL. JTS. D. P KELLY DOWN COLLARS TOTAL	3	47
NO. E AL NO. FH IN RS RUN	12 4 JZ BITJ WAYIT 0 13/4 12 <sup>15</sup> 12	V KORDON VS DRILL RAT A	WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (1) TR 19/10	REMARKS)	BOMON BRILL	RILLING ORING OM HISBEL RIJ EPAIRS RIP AT HOLE VE RIG SUNFAC	n Vp	13/4 5 12 1030 12	SIZE D. P. SIZE COLL. JTS. D. F KELLY DOWN COLLARS TOTAL	3	
NO. E AL NO. FH IN RS RUN	12 4 JZ BITJ WAYIT 0 13/4 12 <sup>15</sup> 12	KADOU SA	WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (1) TR 19/10	REMARKS)	BOMON WEIGHT	RILLING ORING ON HEDELE LI EPAIRS RIP AT HELE SUNFIC	n Vp	1 = 12 5 = 12 1 = 12 1 = 12	SIZE D. P. SIZE COLL. JTS. D. P KELLY DOWN COLLARE TOTAL	3	47
NO. E AL NO. FH IN RS RUN	12 4 JZ BITJ WAYIT 0 13/4 1215 12	V KORDON VS DRILL RAT A	WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (1) TR 19/10	REMARKS)	BOMON BIT	RILLING ORING ON HOUSES EL EPAIRS RIP AT HELE SURFACE PUMP PRES. 600		1 34 5 4 1 3 - 1 2 1 4 CHu	SIZE D. P. SIZE COLL. JTS. D. F KELLY DOWN COLLARS TOTAL TOTAL TOTAL TOTAL NAME CK DICK	víRg	HR HR
NO. E AL NO. I'H IN RS RUN ARKS: 7	12 4 JZ BITJ WAYIT 0 13/4 1215 12	V KORDON VS DRILL RAT A	WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (1) TR 19/10	REMARKS)	BOMON BIT	RILLING ORING ON HOUSES EL EPAIRS RIP AT HELE SURFACE PUMP PRES. 600	DM EM	1 3 4 5 2 1 8 - 12 1 8 - 12	SIZE D. P. SIZE COLL. JTS. D. P KELLY DOWN COLLARE TOTAL TOTAL TOTAL TOTAL TOTAL CAL NAME CK DICK E LOUELAD	víRg	HR NR
NO. E AL NO. TH IN RS RUN ARKS: 7 ROM	12 4 JZ BITJ WAYIT 0 13/4 1215 12	ACCIDENT: -	WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (1) TR 19/10	REMARKS)	BOMON BIT	RILLING ORING ON HOUSES EL EPAIRS RIP AT HELE SURFACE PUMP PRES. 600		1 34 5 4 1 3 - 1 2 1 4 CHu	SIZE D. P. SIZE COLL. JTS. D. P KELLY DOWN COLLARE TOTAL TOTAL TOTAL TOTAL TOTAL CAL NAME CK DICK E LOUELAD	víRg	HR HR
NO. E AAL NO. FH IN RS RUN IARKS: 7 ROM	1 12 12 12 13 14 12 15 12 12 12 12 12 12 12 12 12 12 12 12 12	ABADOU SAND, SHALE	WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (1) TR 19/10	REMARKS)	BOMON BIT	RILLING ORING ON HOUSES EL EPAIRS RIP AT HELE SURFACE PUMP PRES. 600	DM EM	1 3 4 5 2 1 8 - 12 1 8 - 12	SIZE D. P. SIZE COLL. JTS. D. P KELLY DOWN COLLARE TOTAL TOTAL TOTAL TOTAL TOTAL CAL NAME CK DICK E LOUELAD	víRg	HR NR
NO. E IAL NO. TH IN RS RUN IARKS: 7 NARKS: 7 NARKS: 7 SLOPE	1 12 4 12 В.Г. ШАЧІТ 0 13/4 12 <sup>15</sup> 12 то 221 е теят 221 гг.	ACCIDENT: -	WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (1) TR 19/10	REMARKS)	BOMON BIT	RILLING ORING OM HEDESEL HEPAIRS RIP AT HELE JE R. 9 SUNFILL GOO	м	1 34 5 2 1 8 - 12 1 8 - 12	SIZE D. P. SIZE COLL. JTS. D. P KELLY DOWN COLLARE TOTAL TOTAL TOTAL TOTAL TOTAL CAL NAME CK DICK E LOUELAD	víRg	HR 8
NO. E IAL NO. TH IN RS RUN IARKS: 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1 12 32 31 31 13 13 13 13 13 13 12 12 12 12 12 12 12 12 12 12	ACCIDENT: - (GIVE NAME) JOB COM DI	WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (1) TR 19/10 10LE. 124 0N + CLAY 4 HES DA	REMARKS)	WEIGHT ON BIT	RILLING ORING OM HEDESEL HEPAIRS RIP AT HELE JE R. 9 SUNFILL GOO		1 34 5 2 1 8 - 12 1 8 - 12	SIZE D. P. SIZE COLL. JTS. D. P. KELLY DOWN COLLARE TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL COLLARE LOUELADY	víRg	HR NR
NO. E IAL NO. TH IN RS RUN MARKS: 7 SLOPE @ 3/4 0 BIT	1 12 4 12 В.Г. ШАЧІТ 0 13/4 12 <sup>15</sup> 12 то 221 е теят 221 гг.	ACCIDENT: - (GIVE NAME) JOB COM DI	WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (1) T Rig // Jole // 24 ON + Clay 4 NES Da ETE O 6 <sup>M</sup> MUD	REMARKS)	WEIGHT ON BIT ALL	RILLING ORING ON HEDES LI EPAIRS RIP AT Hole JE A. 9 PRES. 600 TIME	и и и и и и и и и и и и и и	1 3 4 5 4 1 3 5 4 1 3 5 1 2 1 2 - 1 2 1	SIZE D. P. SIZE COLL JTS. D. P KELLY DOWN COLLARS TOTAL TOT	viRg	HR 8
NO. E IAL NO. TH IN RS RUN MARKS: 7 SLOPE @ 3/4 0 BIT	1 12 32 31 31 13 13 13 13 13 13 12 12 12 12 12 12 12 12 12 12	ACCIDENT: - (GIVE NAME) JOB COM DI	WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (1) TR 19/10 10LE. 124 0N + CLAY 4 HES DA	REMARKS)	WEIGHT ON BIT ALL	RILLING ORING ON HOUSES LI EPAIRS RIP AT Hole JE A. 9 SURFACE GOO TIME TIME		1 34 5 24 1 2 - 12 1 -	SIZE D. P. SIZE COLL. JTS. D. P. KELLY DOWN COLLARS TOTAL T	viRg	HR 8
NO. E IAL NO. TH IN RS RUN IARKS: 7 NO. BIT NO.	1 12 12 12 13 13 14 10 13 14 10 12 12 12 12 12 12 12 12 12 12	ACCIDENT: - (GIVE NAME) ACCIDENT: - (GIVE NAME) AD RECORD	WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PM. MTL. ADDED (1) TRig // JOLE, /24 ON + CLAY 4 NES DA ETE O LAN WEIGHT	REMARKS)	WEIGHT ON BIT ALL	RILLING ORING ON HEDES LI EPAIRS RIP AT Hole JE A. 9 PRES. 600		1 3 4 5 4 1 3 5 4 1 3 5 1 2 1 2 - 1 2 1	SIZE D. P. SIZE COLL JTS. D. P. KELLY DOWN COLLARE TOTAL TO	viRg	HR 8
INO. E IAL NO. TH IN IRS RUN MARKS: 7 FROM MARKS: 7 SLOPE @ 3/40 BIT NO. E AL NO.	12 4 12 5 13 4 13/4 10 13/4 10 12 <sup>15</sup> 12 TO 221 E TEST 221 FT. DEG. OFF TAND COREME 1 124 124 124 124 124 124 124	ACCIDENT: - (GIVE NAME) ACCIDENT: - (GIVE NAME) AD RECORD	WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (I T Rig / 1 IOLE, 12 ON + CLAY 4 KIS DA ETE O IMU WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE	REMARKS)	WEIGHT ON BIT ALL	RILLING ORING ON PEDES LI EPAIRS RIP AT Hole JE A. 9 SUNFACE PUMP PRES 600 TIMI TIMI		1 34 5 24 1 2 - 12 1 -	SIZE D. P. SIZE COLL. JTS. D. F. KELLY DOWN COLLARS TOTAL T	viRg	HR 40
NO. E IAL NO. TH IN RS RUN IARKS: 7 IARKS: 7 IAR	1 12 12 12 13 13 14 10 13 14 10 12 12 12 12 12 12 12 12 12 12	ACCIDENT: - (GIVE NAME) ACCIDENT: - (GIVE NAME) AD RECORD	WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (I) T Rig // ON + C/Ay CON + C/Ay KIS DA MUD WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH.	REMARKS)	WEIGHT ON BIT ALL	RILLING ORING ON PEDES LI EPAIRS RIP AT Hole JE A. 9 SUNFACE PUMP PRES 600 TIMI TIMI		1 34 5 24 1 2 - 12 1 -	SIZE D. P. SIZE COLL. JTS. D. F. KELLY DOWN COLLARS TOTAL TOTAL TSETR, Z. NAME CK DICK E LOUELADY DRILL STEM SIZE D. P. SIZE COLL. JTS. D. P. KELLY DOWN COLLARS	viRg	HR 00 00 00
NO. E IAL NO. TH IN RS RUN IARKS: 7 ROM IARKS: 7 SLOPE BIT NO. BIT NO. HIN RS RUN	1 12 12 12 13 14 10 13 14 10 12 12 12 12 12 12 12 12 12 12	ACCIDENT: - (GIVE NAME) ACCIDENT: - (GIVE NAME) AD RECORD	WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (I TRig // I IOLE, / 2 Clay CON CON CLAY CLAY WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (R	REMARKS)		RILLING ORING ON PERSIS RIP AT HOLE JE A. S. SUNFILL DIE A. S. S. S. S. S. S. S. S. S. S		1 34 5 2 1 3 5 2 1 3 5 12 1 3 5 12 1 2 1 2 1 2 1 2 1 2 1 2 1 2	SIZE D. P. SIZE COLL. JTS. D. F. KELLY DOWN COLLARS TOTAL TOTAL TOTAL TOTAL COLLARS SIZE COLL. JTS. D. P. SIZE COLL. JTS. D. P. SIZE COLL. JTS. D. P. SIZE COLL. JTS. D. P. SIZE COLL.	viRg	HR 100 00 00
NO. E IAL NO. TH IN RS RUN IARKS: 7 ROM IARKS: 7 SLOPE BIT NO. BIT NO. HIN RS RUN	1 12 12 12 13 14 10 13 14 10 12 12 12 12 12 12 12 12 12 12	ACCIDENT: - (GIVE NAME) ACCIDENT: - (GIVE NAME) AD RECORD	WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (I TRig // I IOLE, / 2 Clay CON CON CLAY CLAY WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED (R	REMARKS)		RILLING ORING ON PERSIS RIP AT HOLE JE A. S. SUNFILL DIE A. S. S. S. S. S. S. S. S. S. S		1 34 5 2 1 3 5 2 1 3 5 12 1 3 5 12 1 2 1 2 1 2 1 2 1 2 1 2 1 2	SIZE D. P. SIZE COLL. JTS. D. F. KELLY DOWN COLLARS TOTAL TOTAL TOTAL COLLADY DRILL STEM SIZE D. P. SIZE COLL. JTS. D. P. SIZE COLL. SIZE COLL. JTS. D. P. SIZE COLL. JTS. D. P. SIZE COLL. SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE	viRg	