# Kansas Corporation Commission RIGINA Oil & Gas Conservation Division

September 1999 Form Must Be Typed

#### **WELL COMPLETION FORM** WELL HISTORY - DESCRIPTION OF WELL & LEASE

Divid Divided Office	API No. 15 - 065-23435-00-00
Name: Black Diamond Oil, Inc.	County: Graham
Address: P.O. Box 641	NESESW_Sec. 15 Twp. 9 S. R. 22 East  West
City/State/Zip: Hays, KS 67601	910 feet from S/ N (circle one) Line of Section
Purchaser: Coffeyfille Resources	2280 feet from E / (W) (circle one) Line of Section
Operator Contact Person: Kenneth Vehige	Footages Calculated from Nearest Outside Section Corner:
Phone: ( 785 ) 625-5891	(circle one) NE SE NW SW
Contractor: Name: WW Drilling, LLC	Lease Name: Jimeson Well #: 1
icense: 33575	Field Name: Wildcat
Wellsite Geologist: Tony Richardson	Producing Formation: None
Designate Type of Completion:	Elevation: Ground: 2340 Kelly Bushing: 2345
New Well Re-Entry Workover	Total Depth: 4001 Plug Back Total Depth: Surface
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 217 Fee
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
✓ Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set Fee
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tow/sx cm
Well Name:	2.4 4.4 7 16.0
Original Comp. Date:Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)  3-9-09
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 5000 ppm Fluid volume 200 bbl
Plug BackPlug Back Total Depth	Dewatering method used Air Dry
Commingled Docket No.	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No.	Operator Name:
	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East Wes
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workov Information of side two of this form will be held confidential for a period of	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, for or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-
107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells All requirements of the statutes, rules and regulations promulgated to regul	s. Submit CP-111 form with all temporarily abandoned wells.
TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells  All requirements of the statutes, rules and regulations promulgated to regul	s. Submit CP-111 form with all temporarily abandoned wells.
TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells All requirements of the statutes, rules and regulations promulgated to regulate and correct to the best of my knowledge.  Signature:	s. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulateria are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statemen
TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells All requirements of the statutes, rules and regulations promulgated to regulate in are complete and correct to the best of my knowledge.  Signature  Date: 2-3-09	ate the oil and gas industry have been fully complied with and the statemer  KCC Office Use ONLY  Letter of Confidentiality Received  If Denied, Yes Date:
All requirements of the statutes, rules and regulations promulgated to regulaterin are complete and correct to the best of my knowledge.  Signature  Date: 2-3-09  Subscribed and sworn to before me this 3-9 day of February	ate the oil and gas industry have been fully complied with and the statement   KCC Office Use ONLY  Letter of Confidentiality Received  If Denied, Yes Date:
TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells  All requirements of the statutes, rules and regulations promulgated to regul herein are complete and correct to the best of my knowledge.  Signature:  Date: 2-3-09  Subscribed and sworn to before me this 3rd day of February	ate the oil and gas industry have been fully complied with and the statemen  KCC Office Use ONLY  Letter of Confidentiality Received  If Denied, Yes Date:  Wireline Log Received KANSAS CORPORATION COM
TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells All requirements of the statutes, rules and regulations promulgated to regulate in are complete and correct to the best of my knowledge.  Signature  Date: 2-3-09  Subscribed and sworn to before me this 3rd day of February	ate the oil and gas industry have been fully complied with and the statemen  KCC Office Use ONLY  Letter of Confidentiality Received  If Denied, Yes Date:  Wireline Log Received KANSAS CORPORATION CON

Operator Name: Black	Diamond Oil, Inc.		İ	Lease	e Name: _	limeson		Well #:		
Sec. 15 Twp. 9	i i		<b>✓</b> West		y: Graha					
NSTRUCTIONS: Sho ested, time tool open emperature, fluid reco Electric Wireline Logs	and closed, flowing very, and flow rate	g and shut- s if gas to s	in pressures, surface test, a	whether s long with	hut-in pre	ssure reached	static level, hydro	ostatic pressur	res, bottor	m hole
Orill Stem Tests Taken (Attach Additional S	heets)	√ Ye	s 🗌 No	i L	<b>✓</b> L	og Formatio	on (Top), Depth a	and Datum		Sample
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Cores Taken	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	∖ ∏ Ye		.	Tope			3300		985
Electric Log Run (Submit Copy)		√ ✓ Ye		!	Heeb	ner		3549		1204
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Purpose of String	Size Hole Drilled		Casing (In O.D.)		ight /Ft.	Setting Depth	Type of Cement	# Sacks Used		and Percent dditives
Surface	12 1/4	8 5/8		20		217	Common	150	3%CC2	2%Gel
	<u> </u>		ADDITIONAL	CEMENT	ING / SQL	JEEZE RECORD	)			
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TUBING RECORD	Size	Set At		Packer	At	Liner Run	Yes No	<b>)</b>	WICH	ITA.KS
Date of First, Resumerd	Production, SWD or	Enhr.	Producing Met	thod	Flowin	g Pumpi	ng 🔲 Gas L	ift Ot	ner <i>(Explain</i>	)
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er B	bls.	Gas-Oil Ratio		Gravity
Disposition of Gas	METHOD OF	COMPLETIC	N	<del></del>		Production Inter	val			
Vented Sold	Used on Lease		Open Hole	Per	rf. 🔲 [	Dually Comp.	Commingled			

## WW Drilling, LLC WaKeeney, KS Well Plugging Orders

Operator: Black Diamond Oil 7076 License # Address: PO Box 641 - Hays, Kansas 67601 API # 15-065-23435-00-00 Lease Name: Jimeson # 1 Legals: 910' FSL & 2280' FWL, Sec 15-9s-22w County: Graham County, Kansas **Feet** Plug # Sx. @ 20' above arb. 1st 25 1860 2nd 25 @ 1090 100 3rd @ 270 4th 40 @ 5th 10 @ 15 Rathole Mousehole Total: 215 Type: 60/40 Poz - 4% Gel - 1/4 # per sx flo-seal Marvin Mills 6/24/2008 Time: 8:25 AM Spud Report: Date: Orders From: Ed Schumacher Date: 6/26/2008 Time: 11:30 AM Time: 2:45 PM Date: 7/2/2008 David Wann Reported to: D&A Results:

RECEIVEL! KANSAS CORPORATION COMMISSION

FEB 0 5 2009

CONSERVATION DIVISION WICHITA, KS

300.



# **PIPE TALLY**

Date 6-24-8

Hays, KS 67601

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## WW Drilling, LLC Rig Fuel Usage Form

Rig #	6	•				
Company :	Black Diamond	Oil				
Lease	Jimeson # 1	·				
Spud Date:	6/24/20	08	Rig	Release Date:	7/1/2	008
Date	Fuel:	Gallons		Cost of Fuel	•	Price/Gal
6/24/2008	On Hand:	2320	<u>.                                      </u>	\$10,300.80	<u>.</u>	\$4.44
6/25/2008	Delivery:	1686		\$7,502.70		\$4.45
	_ Delivery:		- , -	<u> </u>	-	·
	Total Gallons:	4006	Total Cost:	\$17,803.50	Avg Pr/Gal:	\$4.44
7/1/2008	End of Well:	2015	-			
	Used on Well:	1991	Cost:	\$8,840.04	Avg Pr/Gal:	\$4.44
		WW Dr	illing's Cost:	\$1,592.80	<del>-</del> .	
		Ope	rator's Cost:	\$7,247.24		
# of Days:	: 7	,	Avg Gal/Day:	284		

RECEIVED KANSAS CORPORATION COMMISSION

FEB 0 5 2009

CONSERVATION DIVISION WICHITA, KS

ALLIED CEMENTING CO., LLC. 32279 SERVICE POINT: REMIT TO P.O. BOX 31 **RUSSELL, KANSAS 67665** Russell KS JOB START 6:/S am COUNTY JOB FINISH CALLED OUT ON LOCATION RANGE 22 6:45 pm DATE 6-24-08 STATE Jimeson LOCATION Wakerney KS North to Rd Graham T+ 4 East OLD OR NEW (Circle one) **OWNER** CONTRACTOR WW-/ TYPE OF JOB Surface 218' **CEMENT** HOLE SIZE 12 14 T.D. AMOUNT ORDERED 150com 31.cc 21.Gel DEPTH 216.63' CASING SIZE 8% **TUBING SIZE** DEPTH\_\_ **DEPTH** DRILL PIPE **DEPTH** TOOL COMMON\_ **MINIMUM** PRES. MAX SHOE JOINT POZMIX MEAS. LINE CEMENT LEFT IN CSG. GEL CHLORIDE PERFS. ®RECEIVE? 12.84 bb/ DISPLACEMENT KANSAS CORPORATION COMMISSION **EQUIPMENT** FEB 05 2009 CEMENTER John Roberts PUMP TRUCK CONSERVATION DIVISION WICHITA HELPER Adrian # 409 BULK TRUCK DRIVER Dong 345 BULK TRUCK @ \_ **DRIVER** @ HANDLING MILEAGE \_\_ TOTAL REMARKS: Est. Circulation Mix 150 sk coment **SERVICE** Displace W/ 12.84 Bbl H20 DEPTH OF JOB PUMP TRUCK CHARGE Cement Did Circulatel EXTRA FOOTAGE @\_\_ MILEAGE Thanks MANIFOLD \_\_\_\_\_ @ (a) CHARGE TO: Black Diamond Oil TOTAL . STATE \_ PLUG & FLOAT EQUIPMENT 85/8 Labord Plug To Allied Cementing Co., LLC. @ You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was

done to satisfaction and supervision of owner agentior contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME MARK HERS

SALES TAX (If Any)

TOTAL CHARGES \_\_\_\_

\_\_ IF PAID IN 30 DAYS DISCOUNT

### **GENERAL TERMS AND CONDITIONS**

DEFINITIONS: In these terms and conditions, "ALLIED" shall mean Allied Cementing Co., LLC, and "CUSTOMER" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "Merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

- —TERMS: Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to ALLIED before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, CUSTOMER agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that CUSTOMER may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the CUSTOMER or at the option of ALLIED, refunded directly to CUSTOMER. For purposes of this paragraph, ALLIED and CUSTOMER agree that Kansas law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.
- —ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.
- —PRICES AND TAXES: All merchandise listed in ALLIED'S current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.
- —TOWING CHARGES: ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.
- —PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.
- —DEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.
  - —SERVICE: CONDITIONS AND LIABILITIES:
- I-ALIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. CUSTOMER shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:
- (A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:
- (B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.
- 2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.
- 3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

  WARRANTIES:
- 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from, or caused by defective materials, products or supplies.
  - 2. More specifically:
- (A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.
- (B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its / employees in the preparation or furnishing of such facts, information or data.
- (C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

# ALLIED CEMENTING CO., LLC. 32287

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 SERVICE POINT:

Russell KS

	SEC.	TWP.	RANGE	CALLED OUT	ON LOCAT	ON JOB	START	JOB FINISH
DATE 7-1-08	15	9	az			COU	NTY	STATE
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CONTRACTOR	WW-1-			OWNER				
TYPE OF JOB		149						
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#### **GENERAL TERMS AND CONDITIONS**

DEFINITIONS: In these terms and conditions, "ALLIED" shall mean Allied Cementing Co., LLC, and "CUSTOMER" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "Merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

- —TERMS: Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to ALLIED before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, CUSTOMER agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that CUSTOMER may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the CUSTOMER or at the option of ALLIED, refunded directly to CUSTOMER. For purposes of this paragraph, ALLIED and CUSTOMER agree that Kansas law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.
- —ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.
- —PRICES AND TAXES: All merchandise listed in ALLIED'S current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.
- —TOWING CHARGES: ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.
- —PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.
- —DEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—SERVICE CONDITIONS AND LIABILITIES:

- 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. CUSTOMER shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:
- (A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:
- (B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.
- 2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.
- 3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

  WARRANTIES:
- 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise, shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or eaused by defective materials, products or supplies.
  - 2. More specifically:
  - (A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.
  - (B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.
  - (C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

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THIS FORM DEVELOPED AND DESIGNED BY THE AMERICAN ASSOCIATION OF GILWELL DRILLING CONTRACTORS. , APPROVED

TOOL PUSHER

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258		Anhydrite 1845-1880 ACCIDENT:-	James .	SPEED	<del> </del>	40%	EM H	31	Hud but	لو	
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253 SLOPE	/S 95 E TEST FT. DEG. OFF	Anhydrite 1845-1880 ACCIDENT:- (GIVE NAME)	2	BO	30	Unos	H H	Branco Stepho	Hudbut Lonsola en Heiny	M RECORD	
SLOPE  B  JN NO.	E TEST  FT.  DEG. OFF	Anhydrite  1845 - 1880  ACCIDENT:- (GIVE NAME)  HEAD RECORD	MUD R	BO ECORD	30	Unos	H H ORLR	Branno Stephe	Huchbut Lons da In Heiny BRILLISTE BIZED. P.	M RECORD	
SLOPE	E TEST  FT.  DEG. OFF	Anhydrite 1845-1880 ACCIDENT:- (GIVE NAME)	) MUD R	BO ECORD	30	TIM DRICLING	H H ORLR	Branno Stephe	Hudbut Lonsola In Heiny DRILL STE	· Mariy	
SLOPE  B UN NO. 12E	E TEST  FT.  DEG. OFF	Anhydrite  1845 - 1880  ACCIDENT:- (GIVE NAME)  HEAD RECORD	MUD R WEIGHT	SPEED 80	30	TIM DRILLING	H H ORLR	Branno Stephe	Hudbut Lons da In Heiny DRILLISTE SIZE D. P.	M RECORD	
SLOPE  B UN NO.  IZE  AKE  IRIAL NO.	E TEST  DEG. OFF  IT AND CORE	Anhydrite  1845-1880  ACCIDENT:- (GIVE NAME)  HEAD RECORD  CAN 20  SA, 24  C. 1  Par 12	MUD R WEIGHT VISCWTR. LOSS-C.C. FILTER CAKE PH.	BO ECORD	30	TIM DRILLING. CORING OTHER	H H ORLR	Branno Stephe	A Heiny ORILLISTE SIZE D. P. SIZE COLL.  JTS. D. P. KELLY DOWN COLLARS	M RECORD	0
SLOPE  BUN NO.  IZE  AKE  RIAL NO.  PTH IN  DURS RUN	E TEST  DEG. OFF  IT AND CORE	Appropriate 1845-1880 ACCIDENT:- (GIVE NAME)  HEAD RECORD  CAN 20.  SA, 24  C, 1  Par 12  Hulls 2	MUD R WEIGHT VISCWTR. LOSS-C.C. FILTER CAKE	BO ECORD	30	TIM DRIELING CORING OTHER REPAIRS	H H ORLR	Branno Stephe Stephe	Huchbut  Consola  Consola  Consola  Collars  Total	M RECORD	
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BI UN NO. IZE INKE ERIAL NO. EPTH IN OURS RUN	17 AND CORE 1 7 1/8 5 mith 6 K3270 217 32 1/2 700-7	HEAD RECORD  Gel SA  Cau Pac  Hulls	45° 44° 22° 22° 215° -	MUD R WEIGHT VISC. WTR. LOSS-C.C FILTER CAKE PH. MTL. ADDED	CON ECORD	SERVATION SERVAT	ONDIVITA, KS	SKON TIM LLING LLING TER AIRS	DRLR E RE 77	Micha CORD 1/2 1/4 Note 1145	DRILL ST SIZE D. P. SIZE COLL.  JTS. D. P  KELLY DOWN  COLLARS  TOTAL  NAME	M RECOR	7
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BILLIN NO.  IIZE  KAKE  ERIAL NO.  IEPTH IN  IOURS RUN  REMARKS:	TO /	HEAD RECORD  Gel SA  Cau Pac  Hulls	45° 44 2 2 2 2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2	MUD R WEIGHT VISC. WTR. LOSS-C.C FILTER CAKE PH. MTL. ADDED	CON ECORD	SERVATION SERVAT	ONDIVITA, KS	SKON TIM LLING LLING TER AIRS	DRLR E RE	Micha CORD 1/2 1/4 1/4 Note 1145 Kelly Branne	DRILL ST SIZE D. P. SIZE COLL.  JTS. D. P  KELLY DOWN  COLLARS  TOTAL  NAME	M RECOR	7
BI RUN NO.  RIZE  MAKE  MAKE  MERIAL NO.  DEPTH IN  ROURS RUN  REMARKS:  FROM  LUIS  SLOPE	17 AND CORE 1 7 1/8 5 mith 6 K3270 217 32 1/2 700-7	HEAD RECORD  GEL  SA  CAU  Lick  HAUIS  STORY  CAU  CAU  FEC	45° 44 2 2 2 2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2	MUD R WEIGHT VISC. WTR. LOSS-C.C FILTER CAKE PH. MTL. ADDED	CON ECORD	SERVATION SERVAT	ONDIVITA, KS	SKON TIM LLING LLING TER AIRS	DRLR E RE	Micha CORD 1/2 1/4 1/4 Note 1145 Kelly Branne	DRILL ST SIZE D. P. SIZE COLL.  JTS. D. P  KELLY DOWN  COLLARS  TOTAL  NAME  NAME  NAME	M RECOR	4
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BI RUN NO. HIZE MAKE HERIAL NO. DEPTH IN HOURS RUN REMARKS:  FROM 24.15	TO / DEG. OFF	HEAD RECORD  Gel  SA  Cau  His  Final	7/5 4/2 2 2/2 7/5	MUD R WEIGHT VISC. WTR. LOSS-C.C FILTER CAKE PH. MTL. ADDED	CONDECORD (REMAR Q 2	SERVATION SERVAT	ONDIVITA, KS	SION  TIM  LLING  LLING  TIM  PUMP  PRES.	DRLR E RE 77 17 17 17 17 17 17 17 17 17 17 17 17	Micha CORD 1/2 1/4 1/4 Welly Branner Jon H	DRILL ST SIZE D. P. SIZE COLL.  JTS. D. P  KELLY DOWN  COLLARS  TOTAL  NAME  KAPPA  NAME  KAPPA  DRILL ST  DRILL ST  DRILL ST  DRILL ST  A POLICY  DRILL ST	He Ale	7
BI RUN NO. HIZE MAKE MAKE MAKE MAKE MAKE MAKE MAKE MAK	TO / DEG. OFF	HEAD RECORD  GEL  SA  CAU  Lick  HAUIS  STORE  CAU  ACCIDENT:- (GIVE NAME)	7/5 4/2 2 2/2 7/5	MUD R WEIGHT VISC. WTR. LOSS-C.C FILTER CAKE PM. MTL. ADDED  730 MUD R WEIGHT	CONDECORD (REMAR Q 2	SERVATION SERVAT	ONDIVITA, KS	SION  TIM  LLING  ER  AIRS  O-//4  PUMP  PRES.	DRLR E RE 77 17 17 17 17 17 17 17 17 17 17 17 17	Micha CORD 1/2 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	DRILL ST SIZE D. P. SIZE COLL.  JTS. D. P  KELLY DOWN  COLLARS  TOTAL  NAME  KOPPRE  NAME  ME IN LONS CA  PINY  DRILL ST	THE RECOR	7
BI RUN NO. HIZE HAKE HAKE HERIAL NO. DEPTH IN ROURS RUN REMARKS:  FROM  24.15  SLOPE  BI RUN NO. HIZE BI RUN NO.	TO / DEG. OFF	HEAD RECORD  ACCIDENT:- (GIVE NAME)  ACCIDENT:- (GIVE NAME)	7/5- 4/2 2/2 7/5-	MUD R WEIGHT VISC. WTR. LOSS-C.C FILTER CAKE PH. MTL. ADDED  30 V-Nic MUD R WEIGHT VISC.	CONDECORD  (REMARY SPEED  80  ECORD	SERVATION SERVAT	ONDIVITA, KS	SION  TIM  LLING  IER  AIRS  PUMP  PRES.	DRLR E RE 77 17 17 17 17 17 17 17 17 17 17 17 17	Micha CORD 1/2 1/4 1/4 Welly Branner Jon H	DRILL ST  SIZE D. P.  SIZE COLL.  JTS. D. P.  KELLY DOWN  COLLARS  TOTAL  NAME  KOPPRE  NAME  NA	EM RECOR	7
BIRUN NO.  BIZE  MAKE  BERIAL NO.  DEPTH IN  ROURS RUN  REMARKS:  SLOPE  BIRUN NO.  BIZE  MAKE	TO / DEG. OFF	HEAD RECORD  GEL  SA  CAU  Lick  HAUIS  STORE  CAU  ACCIDENT:- (GIVE NAME)	7/5- 4/2 2/2 7/5-	MUD R WEIGHT VISC. WTR. LOSS-C.C FILTER CAKE PM. MTL. ADDED  730 MUD R WEIGHT	CONDECORD ROTARY SPEED 80	SERVATION SERVAT	ONDIWITA, KS	SION  TIM  LLING  IER  AIRS  PUMP  PRES.	DRLR E RE 77 17 17 17 17 17 17 17 17 17 17 17 17	Micha CORD 1/2 1/4 1/4 Welly Branner Jon H	DRILL ST SIZE D. P. SIZE COLL.  JTS. D. P  KELLY DOWN  COLLARS  TOTAL  NAME  KOPPRE  NAME  ME IN LONS CA  PINY  DRILL ST	EM RECOR	75
BI RUN NO. SIZE MAKE SERIAL NO. DEPTH IN HOURS RUN REMARKS:  FROM  LLIS  SLOPE	TO / DEG. OFF	HEAD RECORD  ACCIDENT:- (GIVE NAME)  ACCIDENT:- (GIVE NAME)	7/5- 4/2 2/2 7/5-	MUD R WEIGHT VISC. WTR. LOSS-C.C FILTER CAKE PH. MTL. ADDED  30 V-Nic N MUD R WEIGHT VISC. WTR. LOSS-C.C	CONDECORD ROTARY SPEED 80	SERVATION SERVAT	ONDIWITA, KS	SKON  TIM  LLING HING  PUMP  PRES.  TIM  TIM  TIM  TIM  TIM  TIM  TIM  TI	DRLR E RE 77 17 17 17 17 17 17 17 17 17 17 17 17	Micha CORD 1/2 1/4 1/4 Welly Branner Jon H	DRILL ST SIZE D. P. SIZE COLL.  JTS. D. P  KELLY DOWN  COLLARS  TOTAL  NAME  N	EM RECOR	7
BIRUN NO.  BIZE  MAKE  BIRUN NO.  BIZE  MAKE  MA	TO / DEG. OFF	HEAD RECORD  ACCIDENT:- (GIVE NAME)  ACCIDENT:- (GIVE NAME)	7/5- 4/2 2/2 7/5-	MUD R WEIGHT VISC. WTR. LOSS-C.C FILTER CAKE PH. MTL. ADDED  300 MIC N  MUD R WEIGHT VISC. WTR. LOSS-C.C FILTER CAKE	CONDECORD (REMAR Q 2	SERVINIII WICHI SING SING SING SING SING SING SING SIN	ONDINITA, KS	SKON  TIM  LLING HING  PUMP  PRES.  TIM  TIM  TIM  TIM  TIM  TIM  TIM  TI	DRLR E RE 77 17 17 17 17 17 17 17 17 17 17 17 17	Micha CORD 1/2 1/4 1/4 Welly Branner Jon H	DRILL ST SIZE D. P. SIZE COLL.  JTS. D. P  KELLY DOWN  COLLARS  TOTAL  NAME  KAPPET  DRILL ST  SIZE COLL.  JTS. D. P.  SIZE COLL.  JTS. D. P.  KELLY DOWN  KELLY DOWN	EM RECOR	7
BI RUN NO. HIZE HAKE HERIAL NO. DEPTH IN ROURS RUN REMARKS:  FROM  24-15  SLOPE RUN NO. HIZE HAKE HERIAL NO. REPTH IN ROURS RUN RUN NO. REPTH IN ROURS RUN RUN NO. REPTH IN ROURS RUN RUN NO. REPTH IN ROURS RUN	TO / DEG. OFF	HEAD RECORD  SA  CAU  HEAD RECORD  ACCIDENT:- (GIVE NAME)  HEAD RECORD  (ALIC)  FI  ACCIDENT:- (GIVE NAME)  HEAD RECORD  CAULI  LIG  DAC  HEAD RECORD  LIG  LIG  DAC  HEAD RECORD	7/5 4/ 2 2 2/2 7/5 0RMATIC	MUD R WEIGHT VISC. WTR. LOSS-C.C FILTER CAKE PH. MTL. ADDED  730 V-Nic N  MUD R WEIGHT VISC. WTR. LOSS-C.C FILTER CAKE PH.	CONDECORD  (REMARY SPEED SO	SERVATION SERVICENTIAL SERVICEN	ONDIWITA, KS	SION  TIM  LLING  ER  AIRS  PUMP  PRES.  TIM  TIM  TIM  CLING  HNG- HRG- HRG- HRG- HRG- HRG- HRG- HRG- HR	DRLR E RE TO TO THE PROPERTY OF THE PROPERTY O	Micha CORD 1/2 1/4 Note 1145 Non H Stephe CORD 1/4	DRILL ST SIZE D. P. SIZE COLL.  JTS. D. P  KELLY DOWN  COLLARS  TOTAL  NAME  KOPPE  NAME	EM RECOR	7

THIS FORM DEVELOPED AND DESIGNED BY THE AMERICAN ASSOCIATION OF GILWELL. DRILLING CONTRACTORS.

APPROVED Manh Att achiesos

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FROM	ΤÕ	FORMAT	ION	ROTARY SPEED	WEIGH ON BI	IT PUMP			NAME	
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SLOI	PE TEST	ACCIDENT:-					<u>н</u>		· · · · · · · · · · · · · · · · · · ·	
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	BIT AND COR	EHEAD RECORD	MUD I	RECORD		TI	ME RI	ECORD		EM RECORD
UN NO.	77/10	96/ 22	WEIGHT	70	8	DRILLING		7/4	SIZE D. P.	462
AKE	5mith	1 le Ini	WTR. LOSS.C.C			OTHER \	n <del>1-</del>	314	SIZE COLL.	6/4
ERIAL NO.	PK 32	10 17 72	FILTER CAKE			REPAIRS	<u> </u>		KELLY DOWN	<u> </u>
EPTH IN	278		PH.			TRIP		٠,	COLLARS	
OURS RUN	46.4		MTL. ADDED			Rigu			TOTAL	<u> </u>
EMARKS:	11:00 to	1200 Drlg. 12	00 to 1215) 4	+ Itc/	029	3 Worth	Ringa	round to her	merel 1215ta	Work
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BION NO.  ZE  RIAL NO.  PTH-IN  URS-RUN  MARKS:	PT.  DEG. OFF  IT AND CORE  I 71/8  SMITH PK 327/2 218 73 1/2  700-7  115-23	ACCIDENT	PORMATIO	MUD R WEIGHT VIBC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED 3649 715	(REMAR)	75 Dr. 3 37	DRILLING CORING OTHERCAS REPAIRS TRIP RISA	DRLR E REG	Jarod David La  Michael CORD 14 12	Doutscher  Josephic  Drill STE  SIZE COLL.  JTS. D. P.  KELLY DOWN  COLLARS  TOTAL  NAME	M RECORD	88
BION NO.  ZE  KKE  RIAL NO.  PTH-IN  DURSTUN  EMARKS:  FROM  3762	PT.  DEG. OFF  IT AND CORE  I 71/8  SMITH PK 327/2 218 73 1/2  700-7  115-23	ACCIDENT ACC	PORMATIO	MUD R WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED 3649 715	(REMARY SPEED	75 Dr. 3 37	DRILLING CORING OTHERCAS REPAIRS TRIP RISA	DRLR E RE-	Jarod David La  Michael CORD 14 12	Doutscher  Josephic  Drill STE  SIZE COLL.  JTS. D. P.  KELLY DOWN  COLLARS  TOTAL  NAME	M RECORD	88
BION NO.  ZE  RIAL NO.  PTH-IN  URS-RUN  MARKS:  3762  SLOPE	FT.  DEG. OFF  IT AND CORE  I 71/8  SMITH PK 3270 218 73 1/2  700-7  115-23	ACCIDENT	PORMATIO	MUD R WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED 3649 715	(REMARY SPEED	75 Dr. 3 37	DRILLING CORING OTHERCAS REPAIRS TRIP RISA	DRLR E REG	Jarod David La  Michael CORD 14 12	Doutscher  Josephic  Drill STE  SIZE COLL.  JTS. D. P.  KELLY DOWN  COLLARS  TOTAL  NAME	M RECORD	88
BION NO.  ZE  KKE  RIAL NO.  PTH-IN  DURS'RUN  EMARKS:  SLOPE  BIT	FT.  DEG. OFF  IT AND CORE  1 7 1/8  SMITH PK 327/2 218 73 1/2  700-7 1/5-23  TO 3780	ACCIDENT: GIVE NAME	FORMATIO	MUD R WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED 3649 715	ROTARY SPEED	WEIGHT ON BIT	DRILLING CORING OTHERCAS REPAIRS TRIP RISA PUMP PRES.	DRLR E REG	Michael Devid Le  Michael CORD  14  12  14  15 CFS  Kelly K  Rypn +  Brannin  Otephen	Doutscher  Josephic  Drill STE  SIZE COLL.  JTS. D. P.  KELLY DOWN  COLLARS  TOTAL  NAME	M RECORD	88
BION NO.  ZE  KKE  RIAL NO.  PTH-IN  DURS'RUN  EMARKS:  T  FROM  B 7 10 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	FT.  DEG. OFF  IT AND CORE  I 71/8  SMITH PK 327/2 218 73 1/2  70 -7  115-23  TO  3780  TEST  FT.  DEG. OFF	ACCIDENTICIVE NAME	FORMATIO	MUD RESIGNATION OF THE PROPERTY OF THE PROPERT	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	DALR E REC	Michael Devid Le  Michael CORD  14  12  14  15 CFS  Kelly K  Rypn +  Brannin  Otephen	Deutscher  Jewischer  Jewischer  Deite Coll.  JIS. D. P.  KELLY DOWN  COLLARS  TOTAL  NAME  Derner  Lonsclat  Drilly Ster  Size D. P.	M RECORD	88
BION NO.  ZE  KKE  RIAL NO.  PTH-IN  DURSRUN  EMARKS:  SLOPE  BIT  N NO.	FT.  DEG. OFF  IT AND CORE  I 71/8  SMITH PK 327/2 218 73 1/2  70 -7  115-23  TO  3780  TEST  FT.  DEG. OFF	ACCIDENT IGIVE NAME	FORMATIO	MUD R WEIGHT VISC. WTR. LOSS.C.C. FILTER CAKE PH. MTL. ADDED 3649 715	ROTARY SPEED	WEIGHT ON BIT	TIM DRILLING CORING OTHERCAS REPAIRS TRIP RISA 121 PUMP PRES.	DALR E REC	Michael Devid Le  Michael Devi	Deutscher  WELLY DOWN  COLLARS  TOTAL  NAME  OCTNER  Lonsclal  Affeiny  DRILL STE	M RECORD	\$\frac{8}{8}\$
BION NO.  ZE  KKE  RIAL NO.  PTH-IN  DURSTUN  SHARKS:  SLOPE  BIT  N NO.  E	17 AND CORE 17 78 5 Mith PK 3270 218 73 1/2 73 73 115-23  TO 3780  TEST FAND CORE	ACCIDENTICIVE NAME	FORMATIO	MUD R WEIGHT VISC. WTR. LOSS.C.C. FILTER CAKE PH. MTL. ADDED  3649 715  300 C	ROTARY SPEED	WEIGHT ON BIT	TIM DRILLING CORING OTHERCAS REPAIRS TRIP RISA PUMP PRES. TIMI CORILLING CORING OTHER REPAIRS	DALR E REC	Michael Devid Le  Michael Devi	Deutscher  Jewischer  Jewischer  Deutscher  Deutscher  Deutscher  Deutscher  Deutscher  Deutscher  JIE D. P.  SIZE COLL.  NAME  Deutscher  JIE D. P.  SIZE D. P.  SIZE COLL.  SIZE COLL.	M RECORD	8 8
BIOPE  BION NO.  ZE  RIAL NO.  PTH-IN  URS-RUN  SLOPE  BIO  N NO.  E  KE  KE  KE  BIIAL NO.	17 AND CORE 17 78 5 Mith PK 3270 218 73 1/2 73 73 115-23  TO 3780  TEST FAND CORE	ACCIDENTICIVE NAME	FORMATIO	MUD R WEIGHT VISC. WTR. LOSS-C.C. FILTER CAKE PH. MTL. ADDED  3649 7/5 300 C	ROTARY SPEED	WEIGHT ON BIT	TIM DRILLING CORING OTHER S REPAIRS TRIP RIS 121 FUMP PRES.  TIME CORING OTHER	DALR E REC	Michael Devid Le  Michael Devi	Deutscher  Jewischer  Deutscher  Size D. P.  Size Coll.  Deutscher  JTS. D. P.  Size Coll.  JTS. D. P.  Size Coll.  JTS. D. P.	M RECORD	8888

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BILLAND DIOMNO COMMINE CONTROLLAND COUNTY  FROM TO FORMATION STATE VIOLETTY PUMP FROM ON THE ACCIDENT.  SLOPE TEST ACCIDENT.  BIT AND COREMAD RECORD NULL STATE COMMING COLLARS FROM WILLIAM STATE COLL SEELED FOR THE COLL SEELED	<del>.</del>
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SLOPE TEST ACCIDENT:  SLOPE TEST ACCIDENT:  STAD ORGANICO MANEE  SITE OF THE USE MANEE  SITE OF THE STEWN THE RECORD OF THE STEWN THE	HRS
SLOPE TEST ACCIDENTI-  SITE OF THE STAND CORREAD RECORD  SITE OF THE STAND CORRESPOND STAND STAND TO STAND S	- 5
SLOPE TEST  ACCIDENT:  (COVE NAME)  DEC. OFF	8
BUT AND CORENTAD RECORD  WEIGHT  DESCRIPTION  ANE SMITH NO.   1/4   1/5	8
BIT AND COREMAN RECORD  BIT AND COREMAN RECORD  WIGHT  WIGHT  WIGHT  WITH COBECC.  WITH COLLARS  WITH COBECC.  WITH RECORD  WITH RECORD  WITH RECORD  WITH RECORD  WITH RECORD  DRILL STEM REC  WITH COBECC.  WITH C	
BIT AND COREMEAD RECORD  WIND RECORD  WIND RECORD  DRILLING  DRILL	
SERIAL NO. PK 3270  WITH LOBBACK.  WEELLY DOWN MELLY DOWN  WELLY DOWN  NAME  JOYAL  WELLY DOWN  NAME  JOYAL  WELLY DOWN  NAME  JOYAL  WELLY DOWN  NAME  JOYAL  WELLY DOWN  WITH READ  WELLY DOWN  NAME  NAME  PROM TO FORMATION  ROTARY WEIGHT PRES  NAME  NAME  NAME  NAME  NAME  NAME	ORD
MAKE SWITH NO. PK 3270  SERIAL NO. PK 3270  FILTER CAKE  SERIAL NO. PK 3270  FILTER CAKE  PH.  NTL. ADDED (REMARKS)  NAME	
SERIAL NO. PK 3270  OEPTH IN 7218  PH.  MIL. ADDED (REMARKS)  PH.  MIL. ADDED (REMARKS)  OST #   TOTAL  REMARKS: // OD to 1200 TOW BB 1200 to 1230 MAKE UP TT 1230 to 200 TTWTT  200 to 5(X) 45-45-45 VSF#   0 3780 500 to 760 TOWTT  200 to 5(X) 45-45-45 VSF#   0 3780 500 to 760 TOWTT  OPE STAND A PACADOLOGYSTALO.) - FOUNT NAME  3780  STORY WEIGHT PUMP PRES.  SLOPE TEST ACCIDENT!—  (CIVE NAME)  BUT AND CORRHEAD RECORD  WEIGHT PUMP PRES.  SLOPE TEST ACCIDENT!—  (CIVE NAME)  BUT AND CORRHEAD RECORD  WEIGHT PUMP PRES.  BUT AND CORRHEAD RECORD  WEIGHT PUMP PRES.  DALLA MICHAEL COCKNOWN  BUT AND CORRHEAD RECORD  WEIGHT DIRECTORD  DALLA MICHAEL COCKNOWN  BUT AND CORRHEAD RECORD  WEIGHT DIRECTORD  DALLA MICHAEL COCKNOWN  BUT AND CORRHEAD RECORD  WEIGHT DIRECTORD  DALLA MICHAEL COCKNOWN  BUT AND CORRHEAD RECORD  WEIGHT DIRECTORD  DALLA MICHAEL COCKNOWN  BUT AND CORRHEAD RECORD  DORLLING Y'2  BUT AND CORRHEAD RECORD  WEIGHT DIRECTORD  DRILLING Y'2  BUT AND CORRHEAD RECORD  DRILLING Y'2  BUT AND CORRHEAD RECORD  THE RECORD  DRILLING Y'2  BUT ON DORLLING Y'2  BUT AND CORRHEAD RECORD  THE RECORD  DRILLING Y'2  BUT AND CORRHEAD RECORD  THE RECORD  THE RECORD  THE RECORD  THE RECORD  THE RECORD  TO AND T	<u> </u>
REMARKS: 11:00 to 1200 TOW BB 1200 to 1230 MAKE UP TT 1230 to 200 TTWTT  200 to 5(W 4g-4f-45-45 Dxf# 1 0 3780 500 to 700 TOWTT  (OME STAND TO ANCHORISTISSAE) - FOURTH SIKE) RISELINGS PI  FROM TO FORMATION ROTARY WEIGHT PUMP  BIT AND CORENEAD RECORD. WILD RECORD DRILLING BIZE O. P.  BIT AND CORENEAD RECORD. WILD RECORD DRILLING BIZE O. P.  BIT AND CORENEAD RECORD. WILD RECORD DRILLING BIZE O. P.  BIT AND CORENEAD RECORD. WILD RECORD DRILLING BIZE O. P.  BIT AND CORENEAD RECORD. WILD RECORD TOWN BIZE O. P.  BIT AND CORENEAD RECORD. WILD RECORD DRILLING BIZE O. P.  BIT AND CORENEAD RECORD. WILD RECORD TOWN BIZE O. P.  BIT AND CORENEAD RECORD. WILD RECORD TOWN BIZE O. P.  BIT AND CORENEAD RECORD. WILD RECORD TOWN BIZE O. P.  BIT AND CORENEAD RECORD. WILD RECORD TOWN BIZE O. P.  BIT AND CORENEAD RECORD. WITH LOSDIC. OTHER BIZE O. P.  BIT AND CORENEAD RECORD. WITH LOSDIC. THE RECORD TOWN BIZE COLL.  BIT AND CORENEAD RECORD. WITH LOSDIC. THE RECORD THE RECORD TOWN BIZE COLL.  BERIAL NO. PR 3210 2L.1 FILTER CARE RECORD THE WEIGHT FULL TOWN BEAUTH TO TOTAL  REMARKS: 700 -715 Lay & Tool 715-800 T.H WICGHT FULL TOWN SPEED ON BIT FREE.  BROWN TO FORMATION ROTARY WEIGHT PUMP FREE.  BROWN TO FORMATION ROTARY WEIGHT PUMP FREE.  BROWN TO FORMATION ROTARY WEIGHT PUMP FREE.  NAME  BROWN TO FORMATION ROTARY WEIGHT PUMP FREE.  BROWN TO FORMATION ROTARY WEIGHT PUMP F	PT.
REMARKS: 11:00 to 1200 TOW BB 1200 to 1230 MAKE UP TT 1230 to 200 TYWTT  200 to 5W 45-45-45 DSF#1 @ 3780 500 to 760 TO WTT  ONE STAND ALLOSOFICATION SPEED ON BIT PRES.  NAME  3780 SLOPE TEST ACCIDENT:  GEG. OFF  BIT AND CORRHEAD RECORD  WIGGIT  BIT AND CORRHEAD RECORD  WISC.  CORING	гт. #~
200 +05W 45-45-45 DSF#103780 500 to 710 TOWTT  (ONE STAND IN ARCHARIST PARTY WEIGHT PRES. NAME  FROM TO FORMATION ROTARY WEIGHT PRES. NAME  3780 DM. Teff Weige!  EN JORGE DEUTSCHEF  BIT AND CORRHEAD RECORD MUD RECORD DRILL STEW RECORD DRILL STEW RECORD DRILL STEW RECORD OTHER WILL STEW RECORD OTHE	FT.
FROM TO FORMATION ROTARY WEIGHT PUMP NAME  3780 ROTARY WEIGHT PUMP PRES.  SLOPE TEST ACCIDENT:  GIVE NAME:  OEG. OFF  BIT AND COREHEAD RECORD  BIT AND COREHEAD RECORD  MUD RECORD  MUD RECORD  MUD RECORD  MAKE  SMILE  TIME RECORD  DRILLING  DRILLING  MID RECORD  MID RECORD  MID RECORD  MID RECORD  DRILLING  MID RECORD  DRILLING  MID RECORD  DRILLING  MID RECORD  DRILLING  MID RECORD  MID RECORD  DRILLING  MID STEE OOL  THE RECORD  DRILLING  MID STEE OOL  THE RECORD  DRILLING  MID STEE OOL  THE RECORD  DRILLING  MID STEE OOL  MID STEE OOL  THE RECORD  DRILLING  MID STEE OOL  THE RECORD  OTHER TO THE RECORD  REPAIRS  REPAIRS  REPAIRS  REPAIRS  REPAIRS  REPAIRS  REPAIRS  RELLY DOWN  TOTAL  TOTAL  TOTAL  REMARKS: 700 - 715  LAY TOOL  MID STEED  ON BY THE PUMP  NAME  TOTAL  PLAY  PLUS ON HELLY KOEPNEY  NAME  TOTAL  REPAIRS  NAME  TOTAL  TOTAL  REPAIRS  NAME  TOTAL  TOTAL  TOTAL  NAME  TOTAL  TOTAL  THE STEED  ON BY THE STEED  ON BY THE STEED  ON BY THE STEED  NAME  TOTAL  TOTAL  TOTAL  TOTAL  TOTAL  TOTAL  THE STEED  ON BY THE STEED	<del></del>
FROM TO FORMATION ROTARY WEIGHT PUMP NAME  3780  80 35000 DN: Teff Weigel EN Jared Deutscher  ACCIDENT:— (GIVE NAME)  BIT AND COREHEAD RECORD  BIT AND COREHEAD RECORD  MUD RECORD  BIT AND COREHEAD RECORD  WEIGHT  DRILLING  BITE DIE STEN  MAKE Smith 2 CCU  WIRL LOSB.C.C.  BERIAL NO. PK 3210 26:1  FILTER CAKE  BERIAL NO. PK 3210 26:1  FILTER CAKE  PH.  MOURS RUN 79.  BERIAL NO. 79.  BERIAL NO. PK 3210 26:1  FILTER CAKE  REPAIRS  TRIP 2'44  COLLARS  TOTAL  REMARKS: 700-715 Lay V Tool 715-500 TIM WICOILARS, BYLLE CIC 800-915 TIM WICOILARS  PK 1030 DIE 1030-1130 CCS (A) 3800 1130-300 DIES WINGLESS (A)  FROM TO FORMATION  ROTARY WEIGHT PUMP  NAME  NAME  SEED ON BIT PRES.  NAME	••••
3780  REMARKS: 700-715 Lay V Tool 715-800 TEH WIGHT PIER REARS: 700-715 Lay V Tool 715-800 IEM WIGHT PIER REED DE CONTROL OF TOTAL  ROUND RECORD SERIAL NO. P. STAND SERIAL NO. P. SERIA	HRS.
SLOPE TEST ACCIDENT:- (GIVE NAME)  DEG. OFF  BIT AND CORENEAD RECORD  WIDD RECORD  MUD RECORD  MUD RECORD  TIME RECORD  DRILLING  DRILLI	8
SLOPE TEST ACCIDENT:— (GIVE NAME)  DEC. OFF  BIT AND COREHEAD RECORD  WEIGHT  MAKE  SMITH  SMITH  SMITH  DECORD  WEIGHT  WEIGHT  DRILLING  WING  DRILLING  DRILLING  DRILLING  WING  SIZE O. P.  SERIAL NO. PK 3210  2L.1  FILTER CAKE  DEPTH IN  218  WEIGHT  TRIP  214  COLLARS  HOURS RUN  79  MTL. ADDED (REMARKS)  CF5  TOTAL  REMARKS: 700 -715  Lay W Tool  715-800  TH W/COI/Ars, Break Circ, 800-915  TITH W/  915-1030  DRILL STEM REC  SIZE O. P.  SIZE COLL.  TRIP  214  COLLARS  TOTAL  REMARKS: 700 -715  Lay W Tool  715-800  TH W/COI/Ars, Break Circ, 800-915  TITH W/  915-1030  DRILL STEM REC  SIZE O. P.  SIZE O. P.  SIZE COLL.  TRIP  214  COLLARS  TOTAL  REMARKS: 700 -715  Lay W Tool  715-800  TH W/COI/Ars, Break Circ, 800-915  TITH W/  915-1030  DRILL STEM REC  SIZE O. P.  SIZE O	8
SLOPE TEST  ACCIDENTI- (GIVE NAME)  DEG. OFF  BIT AND COREHEAD RECORD  BIT AND COREHEAD RECORD  WEIGHT  SIZE  J'V'S  GET  WEIGHT  VISC.  CORING  SIZE D. P.  SIZE COLL.  WARE Smith  2 CGU  WTR. LOSS.C.C.  OTHERET  PH.  SERIAL NO. PK 3210  2 L.':  FILTER CAKE  PH.  DEPTH IN  218  PH.  MTL. ADDED (REMARKS)  PH.  TRIP  TRIP  TOTAL  REMARKS: 700-715  Lay V Tool 715-800 TIH W/COllers, Break circ 800-915 TIH W/  915-1030 Dric 1030-1130 (CS) Q 3800 1/30-300 Dric W/4 Ict & Q 38  FROM  TO  FORMATION  ROTARY WEIGHT  PUMP  ON BIT  PUMP  NAME  NAME	8
DEG. OFF  DEG. OFF  BIT AND COREHEAD RECORD  RUN NO.  I Ge!  WEIGHT  WEIGHT  DRILLING  DRILLING  DRILLING  DRILLING  DRILLING  DRILLING  DRILLING  BIZE D. P.  BIZE D. P.  BIZE D. P.  BIZE D. P.  SERIAL NO.  PK 3210  2L.:  PILTER CARE  PH.  HOURS RUN  TOP  MTL. ADDED (REMARKS)  PG.  PROM  TO  FORMATION  ROTARY  WEIGHT  PUMP  PRES.  NAME  NAME  SAST 3970  DEPTALIN  BOTALING  AND	
BIT AND COREMEAD RECORD  RUN NO.  Gel  WEIGHT  VISC.  MAKE  SMITH  SERIAL NO. PK 3210  2Lil  PILTER CAKE  DETTH IN  AUDRECORD  WEIGHT  VISC.  WTR. LOSS-C.C.  PILTER CAKE  PH.  HOURS RUN  79  MTL. ADDED (REMARKS)  CFS  TRIP  2/4  COLLARS  TOTAL  REMARKS: 700-715  Lay V Tool  7/5-800  TH W/Collars, Break circ  9/5-1030  PATEL 1/30  FORMATION  ROTARY  WEIGHT  PUMP  NAME  NAME  3857  3970  MUD RECORD  TIME RECORD  DRILL STEM REC  CORING  SIZE COLL.  SIZE COLL.  SIZE COLL.  FILTER CAKE  REPAIRS  TRIP  2/4  COLLARS  TOTAL  TOTAL  NOTARY  PUMP  ON BIT  PRES.  NAME  NAME	
BIT AND COREHEAD RECORD MUD RECORD TIME RECORD DRILL STEM RECORD  RUN NO.   Ge! WEIGHT DRILLING 41/2 SIZE D. P.  SIZE 71/8 454 VISC. CORING SIZE COLL.  MAKE SMITH 2 CCU WTR. LOSS-C.C. OTHER ET 1/4 JTS. D. P.  SERIAL NO. PK 3210 2 L. 1 FILTER CAKE REPAIRS REPAIRS RELLY DOWN  DEPTH IN 218 1/2/9C PH. TRIP 2/4 COLLARS  HOURS RUN 79 MTL. ADDED (REMARKS) Cfs / TOTAL  REMARKS: 700-715 Lay V Tool 7/5-800 TIH W/COllars, Break Circ 800-915 TIH W/  915-1030 Drile 1030-1130 Cfs @ 3800 1/30-300 Drile W/4-Tet 4/9 38  FROM TO FORMATION ROTARY WEIGHT PUMP ON BIT PRES. NAME  3857 3970	d
SIZE 718 4 54 VIBC.  MAKE SMITH 2 CCU WTR. LOSS-C.C.  SERIAL NO. PK 3210 2 L. 1 FILTER CAKE  DEPTH IN 218 2/20 PH.  HOURS RUN 79 MTL. ADDED (REMARKS)  REMARKS: 700-715 Lay 1 Tool 715-800 TIH WCOllars, Break circ 800-915 TIH W/ 915-1030 Drig 1030-1130 CFS @ 3800 1/30-300 Drig 1/4 Tet #1 @ 38.  FROM TO FORMATION ROTARY WEIGHT PUMP PRES.  FROM TO FORMATION ROTARY WEIGHT PUMP PRES.  NAME  81ZE COLL.  SIZE COLL  SIZE COLL.  SIZE COLL.  SIZE COLL.  SIZE COLL  SIZ	DHD
MAKE SMITH 2 CCU WTR. LOSS.C.C. OTHER # 1/9 JTS. D. P.  SERIAL NO. PK 3210 2 L. ?  DEPTH IN 218 1/2 PM. PH.  HOURS RUN 79 MTL. ADDED (REMARKS) Cfs I TOTAL  REMARKS: 700-715 Lay V Tool 7/5-800 TIH W/COllars, Break circ 800-915 TIH W/ONLARS  9/5-1030 Drie 1030-1130 Cfs @ 3800 1/30-300 Drie W/4-Ict # @ 38  FROM TO FORMATION ROTARY WEIGHT PUMP ON BIT PRES.  NAME  3857 3970	
SERIAL NO. PK 3210 21.1 FILTER CAKE REPAIRS  DEPTH IN 218 12 Pac PH.  HOURS RUN 79. MTL. ADDED (REMARKS) CF5 1 TOTAL  REMARKS: 700-715 Lay V Tod 175-800 TIH W/Collars, Break circ 800-915 TIH W/O 915-1030 Dric 1030-1130 CF5 @ 3800 1/30-300 Dric W/4 Ict & @ 38  FROM TO FORMATION ROTARY WEIGHT PUMP PRES. NAME  3857 3970  80 35 800 DM Kelly KDEYNEY	FT.
HOURS RUN 79 . MTL. ADDED (REMARKS) Cf5 TOTAL  REMARKS: 700-715 Lay & Tool 715-800 TIH W/Collars, Breakcisc 800-915 TIH W/  915-1030 Dille 1030-1130 Cf5 @ 3800 1/30-300 Dr19 W/4 Ict & @ 38.  FROM TO FORMATION ROTARY WEIGHT PUMP PRES. NAME  3857 3970	<del></del>
FROM TO FORMATION ROTARY WEIGHT PUMP ON BIT PRES. NAME  3857 3970  REMARKS: 700 -715 Lay & Tool 715-800 TIH W/COllers, Breakcirc 800-915 TIH W/  915-1030 Drile 1030-1130 CFS @ 3800 1130-300 Drile W/4 Ict & @ 38.  FROM TO FORMATION ROTARY WEIGHT PUMP PUMP PRES. NAME  80 35 800 DM Kelly Koerner	FT.
915-1030 DATE 1030-1130 CFS @ 3800 1/30-300 DATE W/4 ICT & @ 38.  FROM TO FORMATION ROTARY WEIGHT PUMP NAME  3857 3970 80 35 800 DM Kelly Koerner	
FROM TO FORMATION ROTARY WEIGHT PUMP ON BIT PRES. NAME  3857 3970 80 35 800 DM Kelly Koerner	
FROM TO FORMATION ROTARY WEIGHT PUMP NAME  3857 3970  80 35 800 DM Kelly Koerner	<del></del>
3857 3970 80 35 800 on Kelly Koerner	HRS.
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3/U L- / + Wan Hurlbut	8
SLOPE TEST ACCIDENT:-	8
(GIVE NAME)	
	1
BIT AND COREHEAD RECORD MUD RECORD TIME RECORD DRIEL STEM REC	
RUN NO. WEIGHT DRILLING - SIZE D. P.	8
WYR. LOSS-C.C. OTHER JTS. D. P.	
PILTER CAKE REPAIRS KELLY DOWN	RD
DEPTH IN 218 PH. TRIP 3 COLLARS HOURS RUN 86 MTL. ADDED (REMARKS)	
REMARKS: 3:00 - 3:45 D-16 3:45-4:00 Sock & Fak - 10:00 Dec 10:00 - 11:00 0 0 3	RD
REMARKS: 3:00-3:45 Ddg 3:45-4:00 Ser Rig 4:01-10:15 Ddg 10:15-11:00 CFS @ 3	FT.
	FT.

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BIGCA DISTRICT	c Dia	mond	LEA	Jim/s	J/MES	FI FI	EB (	0 5 2009	WELL NO.	RIG NO.
DISTRICT		cou	raham	<u> </u>	STATE	CON		TIONDIVISION	D. P. STRING NO.	912E 41/2
FROM	то		MATION	ROTARY	WEIGHT	PUMP	WIC	HITA, KS 1		
	4000	Shdeth	<del> </del>	SPEED	3500c	GOC	<del>                                     </del>		NAME	
1970	7000	Nacth	me	60		800	DM	M.ck	- Smyth	
		6 3/4 hr.	Co-Time	1			EM	Dack	Casper	
SLOP	E TEST	ACCIDENT:-	170 -	4100	41	<u> </u>	н	Dave	Lehma.	<del>^</del>
<del></del>	000 m	TGIVE NAME)		100	<b>/</b> /	<del></del>	<u> </u>			
<u> </u>	DEG. OFF	fuel	44 "	· · · · · · · · · · · · · · · · · · ·				.D. I	and Kern	
	IT AND CORE	HEAD RECORD	MU	D RECORD			DRLR E RE	CORD		EM RECORD
RUN NO.	7/100		WEIGHT VISC.	5-3		of BA	-	1'4.	SIZE D. P.	6'14
AAKE	Smoth		WTR, LOSS	.c.c.		THEICIK	c :	214	JTS. D. P.	8 7
ERIAL NO.	PK 321	10	PH. LOU		<del></del>	EPAIRS RIP			KELLY DOWN	<u> </u>
OURS RUN	8741			ED (REMAR	KS)	2.90			TOTAL	
EMARKS:	11:00 +	0/115 0	+CH"1115	10120	1/5.	1230	10 /	BOCTC/	44/04.09 \$5 209	1000 (30
155 1.	04.100	-DION EUNOUP	ROTE FOR	\$5350kc	45 Rig	109	a en	9 46510	\$5 Log	615-63
2000	645	700 TIH			· ·		/		/	
FROM	то .	FOR	MATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	٤		NAME	1
4000							(ş DM	Jeff a	Jeice 1	8
	*						EM	Jared	Deutscha	<u>~</u> 8
	1 .	<i></i>	·					_		
		18hr. 6	cotime)	*	<u> </u>		н	David 1	Lawson	2
SLOPI	E, TEST	ACCIDENT:-	otime)	<u>* [::, ']</u>	11		н	Dand 1	Lawson	2
SLOP!	FT.	(GIVE NAME)		/:	ì	/				,
<b>@</b> }	PT.	DST#2	] 3578-3610	Streda	ì		DRLR	Michael	1 Cochra	n 8
@ }	DEG. OFF	(GIVE NAME)	] 3578-3610	/:	1 1Ke 4/A	TIM RILLING	DRLR E RE		1 Cochra	,
Ø ; BI	DEG. OFF	DST#2	35 78 - 361 0 MUE WEIGHT VISC.	St/cda	1 Ke 4/A	TIMI RILLING ORING <i>CT</i> C	DRLR E RE	Michael	DRILL ST	n 8
Ø B UN NO.	DEG. OFF	DST#2	3578-3610 MUE WEIGHT	Streda D RECORD	IKe 4/A	TIM RILLING	DRLR E RE	Michael	Cochra DRILL ST	n 8
Ø BI UN NO. IZE AKE ERIAL NO.	DEG. OFF  IT AND CORE  1 7 1/4 5 mith PK 3210 2 18	DST#2	35 78 - 36 / 0  MUI WEIGHT VISC. WTR. LOSS- FILTER CAKE	Streda D RECORD	JKe JA	TIMI RILLING ORINGCTC THER EPAIRS M;	DRLR E RE	Michael CORD	DRILL ST.  SIZE D. P.  SIZE COLL.  JYS. D. P.  KELLY DOWN  COLLARS	n 8
O BIUN NO. ZE AKE ERIAL NO. EPTH IN DURS RUN	DEG. OFF  IT AND CORE  1 7 1/4 5 mith PK 3210 218 87 1/4	DST#2	35 78 - 36/ 0  MUE WEIGHT VISC. WTR. LOSS. FILTER CAKE PH. MTL. ADD	Streda D RECORD	)	TIME RILLING ORINGCTC THER EPAIRS MARRIE ST# 2	DRLR E RE	Michael CORD	DRILL ST SIZE D. P. SIZE COLL.  JTS. D. P. KELLY DOWN  COLLARS	EM RECORD
BUN NO. ZE AKE ERIAL NO. EPTH IN DURS RUN EMARKS:	DEG. OFF  IT AND CORE  I '4  Smith  PK 3210  218  87'4	DST#2. HEAD RECORD	3578-3610  MUE WEIGHT VISC. WTR. LOBS- FILTER CAKE PM. MTL. ADD	Streda D RECORD  C.C. ED (REMAR)  Peak C	IKe LAK	TIMI RILLING ORINGCTC THER EPAIRS ME RIP STAL	DRLR E RE	Michae CORD 1/2 1/2 1/2 1/2	DRILL ST.  SIZE D. P.  SIZE COLL.  JYS. D. P.  KELLY DOWN  COLLARS  TOTAL	M RECORD
DIN NO. ZE AKE ERIAL NO. EPTH IN DURS RUN EMARKS:	DEG. OFF IT AND CORE 1 7 "/4 SMITH PK 3210 2 18 87 "4 200-73 745-12	DST#2. HEAD RECORD  O TIH W	3578-3610  MUE WEIGHT VISC. WTR. LOBS- FILTER CAKE PM. MTL. ADD	Stredo D RECORD  C.C. E ED (REMAR)  Peak C	Ke 4/A	TIM  RILLING  ORINGCTK  THER  EPAIRS ALI  RIP  ST#2  K. 1	DRLR E RE	Michae CORD 1/2 1/2 1/2 1/2	DRILL ST SIZE D. P. SIZE COLL.  JTS. D. P. KELLY DOWN  COLLARS	M RECORD
BI JN NO. ZE AKE RIAL NO. EPTH IN DURS RUN EMARKS:	DEG. OFF IT AND CORE 1 7 "/4 SMITH PK 3210 2 18 87 "4 200-73 745-12	DST#2: DST#2: HEAD RECORD  O TIH W	MUE WEIGHT VISC. WTR. LOSS. FILTER CAKI PM. MTL. ADD	Stredo D RECORD  C.C. E ED (REMAR)  Peak C	Ke 4/A	TIM  RILLING  ORINGCTK  THER  EPAIRS ALI  RIP  ST#2  K. 1	DRLR E RE	Michae CORD 1/2 1/2 1/2 1/2	DRILL ST.  SIZE D. P.  SIZE COLL.  JYS. D. P.  KELLY DOWN  COLLARS  TOTAL	M RECORD
DIN NO.  ZE  AKE  ERIAL NO.  EPTH IN  DURS RUN  EMARKS:	DEG. OFF IT AND CORE 1 7 1/4 SMITH PK 3210 218 87 1/4 200-73 145-12	DST#2: DST#2: HEAD RECORD  O TIH W	35 78-36/0  MUE WEIGHT VISC. WTR. LOSS- FILTER CAKE PM. MTL. ADD  1/Co/lors, 13. 1/13/12/12/0	Streda D RECORD  C.C.  ED (REMARI  PEAK C  OB - 100  ROTARY	IKe 4/A  C  C  O  R  TI  O  O  R  TI  O  O  O  R  TI  O  O  O  O  O  O  O  O  O  O  O  O  O	TIM  RILLING  ORINGCTK  THER  EPAIRS ALI  ST#2  30-84  K 1	DRLR E RE	MICHAE CORD 1/2 1/2 TIHWIPI	DRILL STI SIZE D. P. SIZE COLL.  JYS. D. P. KELLY DOWN  COLLARS TOTAL  DE 845-9  NAME	#5 CTC
UN NO. ZE AKE ERIAL NO. EPTH IN OURS RUN EMARKS:	DEG. OFF IT AND CORE 1 7 1/4 SMITH PK 3210 218 87 1/4 200-73 145-12	DST#2: DST#2: HEAD RECORD  O TIH W	35 78-36/0  MUE WEIGHT VISC. WTR. LOSS- FILTER CAKE PM. MTL. ADD  1/Co/lors, 13. 1/13/12/12/0	Streda D RECORD  C.C.  ED (REMARI  PEAK C  OB - 100  ROTARY	IKe 4/A  C  C  O  R  TI  O  O  R  TI  O  O  O  R  TI  O  O  O  R  TI  O  O  O  R  TI  O  O  O  O  O  O  O  O  O  O  O  O  O	TIM  RILLING  ORINGCTK  THER  EPAIRS ALI  ST#2  30-84  K 1	DRLR E RE	MICHAE CORD 1/2 1/2 TIHWIPI	DRILL ST SIZE D. P. SIZE COLL. JYS. D. P. KELLY DOWN COLLARS TOTAL DE 845-9:	45 CTC
BIUN NO.  ZE  AKE  ERIAL NO.  EPTH IN  DURS RUN  EMARKS:	DEG. OFF IT AND CORE 1 7 1/4 SMITH PK 3210 218 87 1/4 200-73 145-12	DST#2.  HEAD RECORD  OTTH W  OTOHW  FORE	MULT WEIGHT VISC. WTR. LOSS. FILTER CAKE PH. MTL. ADD  VICONORS, B. VI	Streda D RECORD  C.C.  ED (REMARI  PEAK C  OB - 100  ROTARY	IKe 4/A  C  C  O  R  TI  O  O  R  TI  O  O  O  R  TI  O  O  O  R  TI  O  O  O  R  TI  O  O  O  O  O  O  O  O  O  O  O  O  O	TIM RILLING ORINGCTK THER EPAIRS ALT STAL 30-84 K 1	DRLR E RE	Michael CORD 12 12 12 12 14 M/Pij	DRILL ST BIZE D. P.  SIZE COLL.  JYS. D. P.  KELLY DOWN  COLLARS  TOTAL  DE 845-9  NAME  NAME	#5 CTC
WIN NO.  IZE  AKE  ERIAL NO.  EPTH IN  OURS RUN  EMARKS:	DEG. OFF  IT AND CORE  1 7 1/4 5 mith PK 3210 218 87 1/4 200-73 145-12 TO	DST#2.  HEAD RECORD  OTTH W  OTOHW  FORE	35 78-36/0  MUE WEIGHT VISC. WTR. LOSS- FILTER CAKE PM. MTL. ADD  1/Co/lors, 13. 1/13/12/12/0	Streda D RECORD  C.C.  ED (REMARI  PEAK C  OB - 100  ROTARY	IKe 4/A  C  C  O  R  TI  O  O  R  TI  O  O  O  R  TI  O  O  O  R  TI  O  O  O  R  TI  O  O  O  O  O  O  O  O  O  O  O  O  O	TIM RILLING ORINGCTK THER EPAIRS ALT STAL 30-84 K 1	DRLR E RE	MICHAE CORD 1/2 1/2 TIHWIPI	DRILL ST BIZE D. P.  SIZE COLL.  JYS. D. P.  KELLY DOWN  COLLARS  TOTAL  DE 845-9  NAME  NAME	45 CTC
EN NO.  ZE  AKE  ERIAL NO.  EPTH IN  OURS RUN  EMARKS:  FROM	DEG. OFF  IT AND CORE  1 7 1/4 5 mith PK 3210 218 87 1/4 200-73 145-12 TO	DST#2. HEAD RECORD  O TIH W  OTOHW  ITOM! 2  FORM	MULT WEIGHT VISC. WTR. LOSS. FILTER CAKE PH. MTL. ADD  VICONORS, B. VI	Streda D RECORD  C.C.  ED (REMARI  PEAK C  OB - 100  ROTARY	IKe 4/A  C  C  O  R  TI  O  O  R  TI  O  O  O  R  TI  O  O  O  R  TI  O  O  O  R  TI  O  O  O  O  O  O  O  O  O  O  O  O  O	TIM RILLING ORINGCTK THER EPAIRS ALT STAL 30-84 K 1	DRLR E RE	Michael CORD 12 12 12 12 14 M/Pij	DRILL ST BIZE D. P.  SIZE COLL.  JYS. D. P.  KELLY DOWN  COLLARS  TOTAL  DE 845-9  NAME  NAME	45 CTC
BUN NO.  ZE  AKE  ERIAL NO.  EPTH IN  DURS RUN  EMARKS:  FROM  HOUS  SLOPE	DEG. OFF  IT AND CORE  7 1/4  5 mith  PK 3210  2 18  87 14  000-73  7 45-12  TO	DST#2. HEAD RECORD  O TIH W  OTOHW  ITOM! 2  FORM	MULT WEIGHT VISC. WTR. LOSS. FILTER CAKE PH. MTL. ADD  VICONORS, B. VI	Streda D RECORD  C.C.  ED (REMARI  PEAK C  OB - 100  ROTARY	IKe 4/A  C  C  O  R  TI  O  O  R  TI  O  O  O  R  TI  O  O  O  R  TI  O  O  O  R  TI  O  O  O  O  O  O  O  O  O  O  O  O  O	TIM RILLING ORINGCTC THER EPAIRS ALT STAL 30-84  L 1 1 PUMP PRES.	DRLR E RE	Michael CORD 12 12 12 12 12 13 14 14 16 16 16 16 16 16 16 16 16 16 16 16 16	DRILL ST BIZE D. P.  SIZE COLL.  JYS. D. P.  KELLY DOWN  COLLARS  TOTAL  DE 845-9  NAME  NAME	45 CTC
PROM  FROM  SLOPE	DEG. OFF  DEG. OFF  IT AND CORE  7 1/4  SMITH PK 3210  2 18  87 1/4  DOG-73  7 1/4  TO  TEST  FT.  DEG. OFF	DST#2. HEAD RECORD  O TIH W  OTOHW  ITOM! 2  FORM	3578-3610  MUI WEIGHT VISC. WTR. LOSS- FILTER CAKI PM. MTL. ADD  (Collars, B. 187-300 ( MATION	Stredo DRECORD  C.C. E ED (REMAR!  PCA K C OB - 100  ROTARY SPEED  DRECORD	Ke JAN  C  C  O  R  TI  O  ST  WEIGHT ON BIT	TIME RILLING ORINGCTK THER EPAIRS M: STAL  30-84  PUMP PRES.	DRLR E REM H H ORLR	Michael CORD 12 12 12 12 12 13 14 14 16 16 16 16 16 16 16 16 16 16 16 16 16	DRILL ST  BIZE D. P.  SIZE COLL.  JYS. D. P.  KELLY DOWN  COLLARS  TOTAL  OR 845-9  IP, pe A  NAME  Derner  Lurlbut  A Heiry  JORILL STE	#5 CTC
EMARKS:  FROM  SLOPE  O  SLOPE  O  SLOPE  O  SLOPE  O  SLOPE	DEG. OFF  DEG. OFF  IT AND CORE  7 1/4  SMITH PK 3210  2 18  87 1/4  DOG-73  7 1/4  TO  TEST  FT.  DEG. OFF	DST#2 HEAD RECORD  O TIH W  OOTOH W  ITOM! 2  FOR!  Shr (CACCIDENT:- INGIVE NAME)	MULI WEIGHT VISC. WTR. LOSS. FILTER CARI PH. MTL. ADD  MATION  MATION  MULI WEIGHT VISC: 4	Streda DRECORD  C.C.  ED (REMARI  PEAK C  OB - 100  ROTARY  SPEED  RECORD	Ke MAN	TIM RILLING ORINGCTC THER EPAIRS ALT STAL 30-84  L 1 1 PUMP PRES.	DRLR E REM H H ORLR	MICHAR CORD 1/2 1/2 TEHWIPI, Kelly, K Ryaw I Brann Stephe	DRILL ST BIZE D. P. SIZE COLL.  JYS. D. P.  KELLY DOWN  COLLARS  TOTAL  OR 845-9  IPIPE A  NAME  Derner  Hurlbirt  An Lonsda	#5 CTC
UN NO.  IZE  AKE  ERIAL NO.  EPTH IN  CURS RUN  EMARKS:  FROM  FROM  SLOPE	DEG. OFF  DEG. OFF  IT AND CORE  7 1/4  SMITH PK 3210  2 18  87 1/4  DOG-73  7 1/4  TO  TEST  FT.  DEG. OFF	DST#2.  HEAD RECORD  OTIH W  OTOHW  ITOM! 2  FORM  ACCIDENT:-  INGIVE NAME)	MULIUMEIGHT VISC. WTR. LOSS- FILTER CARI PM. MTL. ADD  MATION  MATION  MULIUMEIGHT  MULIUMEIGHT  MULIUMEIGHT	Streda DRECORD  C.C.  ED (REMARI  PEAK C  OB W/  ROTARY  SPEED  O RECORD	Ke 4/A	TIME RILLING ORINGCTC THER EPAIRS AL STAL  PUMP PRES.  TIME RILLING	DRLR E REM H H ORLR	MICHAR CORD 1/2 1/2 TEHWIPI, Kelly, K Ryaw I Brann Stephe	DRILL STEP DE LA STEP	#5 CTC
FROM  FROM  SLOPE  BI UN NO.  1ZE  AKE  ERIAL NO.  EPTH IN  OURS RUN  EMARKS:   SLOPE  BI UN NO.  IZE  AKE	DEG. OFF  DEG. OFF  IT AND CORE  7 1/4  SMITH PK 3210  2 18  87 1/4  DOG-73  7 1/4  TO  TEST  FT.  DEG. OFF	DST#2.  HEAD RECORD  OTIH W  OTOHW  ITOM! 2  FORM  ACCIDENT:-  INGIVE NAME)	MUE WEIGHT VISC. WTR. LOSS FILTER CAKE PM. MTL. ADD  MATION  MATION  MUE WEIGHT VISC.  MUE WEIGHT VISC.  FILTER CAKE PH.	Streda DRECORD  C.C.  ED (REMARI  POR A CO  ROTARY  SPEED  D RECORD  C.C.	KE 4/A  D  C  O  R  TI  O  NEIGHT ON BIT	TIMER	DRLR E REM H H ORLR	MICHAR CORD 1/2 1/2 TEHWIPI, Kelly, K Ryaw I Brann Stephe	DRILL ST SIZE D. P. SIZE COLL.  JYS. D. P. KELLY DOWN  COLLARS  TOTAL  NAME  NAME  NAME  NAME  DETTION  OF HEITY  OF HEITY  SIZE O. F.  SIZE COLL.	#5 CTC

THIS FORM DEVELOPED AND DESIGNED BY THE AMERICAN ASSOCIATION OF GILWELL DRILLING CONTRACTORS.

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FROM	то	T	ORMATION	ROTARY	WEIGHT ;		MCHITA, KS	NAME		HR
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æ	; PT. <sup>/</sup>							***		
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MAKE	Sm. H	2	WTR. LO		отне	IR .	in the property of	JTS. D. P.	7	·-
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UN NO.  IZE  AKE  ERIAL NO.  EPTH IN  DURS RUN  EMARKS:	TO	.00 PLL	WEIGHT VISC. WTR. LOS FILTER CA PH. MTL. AD	DED (REMARK	CORIN OTHER REPAIL TRIP	DRL TIME R ING IG R ING IG R ING	et At	DRILL STE SIZE D. P. SIZE COLL.  JTS. D. P.  KELLY DOWN  COLLARS  TOTAL		24
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BUN NO.  ZE  KKE  RIAL NO.  PTH IN  BURS RUN  EMARKS:  FROM  SLOPE	DEG. OFF	FOI	WEIGHT VISC. WTR. LOS FILTER CA PH. MTL. AD	DED (REMARK	CORIN OTHER REPAIL TRIP	DRL TIME R ING IG R RS DM EM H	et At	DRILL STE SIZE D. P. SIZE COLL.  JTS. D. P.  KELLY DOWN  COLLARS  TOTAL		24
B JN NO.  ZE  AKE  RIAL NO.  IPTH IN  DURS RUN  EMARKS:  FROM  SLOPE	TEST	FOI  ACCIDENT:- (GIVE NAME)	WEIGHT VISC. WTR. LOS FILTER CA PM. MTL. AD	ROTARY SPEED	CORIN OTHER REPAIL TRIP	DRL TIME R ING IG R RS IG RS I	et 977	DRILL STE	A RECORD	24
BUN NO.  ZE  AKE  RIAL NO.  PTH IN  DURS RUN  FROM  FROM  SLOPE  BIT  N NO.	TEST  PEG. OFF	FOI  ACCIDENT:- (GIVE NAME)	WEIGHT VISC. WTR. LOS FILTER CA PM. MTL. AD	ROTARY SPEED	CORIN OTHER REPAIL TRIP	DRL TIME R ING IG R IRS IG R ING	et at	DRILL STE	A RECORD	24
BUN NO.  ZE  AKE  ERIAL NO.  EPTH IN  DURS RUN  EMARKS:   SLOPE   BIT  N NO.  EK	TEST  FT.  DEG. OFF  TAND COREH	FOI  ACCIDENT:- (GIVE NAME)  EAD RECORD	WEIGHT VISC. WTR. LOS FILTER CA PH. MTL. AD  WEIGHT VISC. WYR. LOSS	POTARY SPEED  DRECORD	CORING OTHER REPAI TRIP ON BIT PR DRILLI CORING OTHER	DRL TIME R ING IG R R R D D R TIME R ING IG R R ING	et 977	DRILL STE	A RECORD	24
BUN NO.  IZE  AKE  ERIAL NO.  EPTH IN  DURS RUN  EMARKS:  FROM  SLOPE	TEST  FT.  DEG. OFF  TAND COREH	FOI  ACCIDENT:- (GIVE NAME)  EAD RECORD	WEIGHT VISC. WTR. LOS FILTER CA PH. MTL. AD  CONTRACTOR  WEIGHT VISC.	DED (REMARY SPEED)	CORING OTHER REPAIR TRIP ON BIT PR ON BIT PR CORING OTHER REPAIR	DRL TIME R ING IG R R R D D R TIME R ING IG R R ING	et 977	DRILL STE SIZE COLL.  JYS. D. P.  KELLY DOWN  COLLARS  TOTAL  NAME  DRILL STEM  SIZE COLL.  JYS. D. P.  KELLY DOWN	A RECORD	HRS.
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