

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

5/11/12

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 30606
Name: Murfin Drilling Company, Inc.
Address: 250 N. Water, Suite 300
City/State/Zip: Wichita, Kansas 67202
Purchaser: MV Purchasing
Operator Contact Person: Leon Rodak
Phone: (316) 267-3241
Contractor: Name: Murfin Drilling Company, Inc.
License: 30606
Wellsite Geologist: Paul Gunzelman

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____

<u>01/09/2010</u>	<u>01/15/2010</u>	<u>02/05/10</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 051-25947-0000
County: Ellis
W2 SW NE SE Sec. 04 Twp. 14 S. R. 19 East West
1650 FSL feet from (S) N (circle one) Line of Section
1080 FEL feet from (E) W (circle one) Line of Section

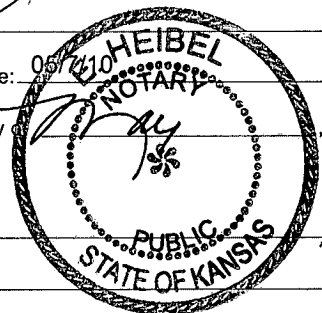
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Haselhorst Well #: 1-4
Field Name: Wildcat
Producing Formation: Lansing
Elevation: Ground: 2229 Kelly Bushing: 2234
Total Depth: 3960 Plug Back Total Depth: 3735
Amount of Surface Pipe Set and Cemented at 218 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1558 Feet
If Alternate II completion, cement circulated from 1558
feet depth to surface w/ 185 sx cmt.

Drilling Fluid Management Plan AH INJ 574-D
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 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 and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Leon Rodak
Title: Leon Rodak, VP Production Date: 05/11/2010
Subscribed and sworn to before me this 7 day of May
2010
Notary Public: [Signature]
Date Commission Expires: 4/11/2011



KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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MAY 11 2010
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Murfin Drilling Company, Inc. Lease Name: Haselhorst Well #: 1-4
 Sec. 04 Twp. 14 S. R. 19 East West County: Ellis

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

SEE ATTACHED LIST

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List All E. Logs Run:

E-mailed Electronically:
 Dual Induction, Compensated Porosity,
 Microresistivity

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
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
Surface		8 5/8	23#	218	Common	150	3% cc, 2% gel
Production		5 1/2	15.5#	3957	AA2	160	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	Lans "B" 3564-3569	250 gal 20% MCA	
4	Lans "D" 3595-3600		
4	Lans "F" 3611-3614	250 gal 20% MCA	
4	Lans "I" 3713-3718 & Lans "J" 3721-3729	500 gal 20% MCA	
4	Lans "K" 3738-3752 Under CIBP @ 3735		

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TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8	3718		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

CONSERVATION DIVISION
WICHITA, KS

Date of First, Resumerd Production, SWD or Enhr. 02/17/10 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	42		63		

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) 3564-3729

MDCI Haselhorst #1-4 1650 FSL 1080 FEL Sec. 4-T14S-R19W 2234' KB					C.W. Smith #1 Stadelman 'A' SE SE SE Sec. 4-T14S-R19W 2223' KB			MDCI Stadelman #1-3 950 FSL 2145 FEL Sec. 3-T14S-R19W 2177' KB		
Formation	Sample top	Datum	Log Top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	1525	+709	1526	+708	+8	1520	+700	-8	1461	+716
B/Anhydrite	1572	+662	1572	+662	flat	1558	+662	-13	1502	+675
Topeka	3250	-1016	3252	-1018	+4	3242	-1022	-7	3188	-1011
Heebner	3492	-1258	3494	-1260	+8	3488	-1268	-7	3430	-1253
Toronto	3517	-1283	3518	-1284	+8	3512	-1292	-7	3454	-1277
Lansing	3537	-1303	3538	-1304	+9	3533	-1313	-3	3478	-1301
BKC	3785	-1551	3793	-1559	+1	3780	-1560	-14	3722	-1545
Arbuckle	3899	-1665	3900	-1666	-16	3870	-1650	-43	3800	-1623
RTD	3960	-1726				3900			3935	-1758
LTD			3962			3900			3935	-1758

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CONSERVATION DIVISION
WICHITA, KS

Quality Oilwell Cementing Inc.

740 W WICHITA
P.O. Box 32
Russell, KS 67665

Invoice

Date	Invoice #
1/11/2010	2214

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Bill To
Murfin Drilling Company P.O. Box 288 Russell Ks 67665

USED FOR New Well Drilling
APPROVED [Signature]

P.O. No.	Terms	Project
	Net 30	

Item	Description	Qty	Rate	Amount
55	common	150	10.00	1,500.00T
58	GEL	3	17.00	51.00T
14	Calcium	5	42.00	210.00T
4	handling	158	2.00	316.00
5	MILEAGE CHARGE	1	250.00	250.00
27	surface pipes 0-500ft	1	400.00	400.00
13	pump truck mileage charge	11	6.00	66.00
6	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	352	-1.00	-352.00T
6	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	206	-1.00	-206.00
	LEASE: HASSELHORST WELL #1-4			

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CONSERVATION DIVISION
WICHITA, KS

Thank you for your business. Dave

Subtotal	\$2,235.00
Sales Tax (5.3%)	\$74.68
Total	\$2,309.68
Payments/Credits	\$0.00
Balance Due	\$2,309.68

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3712

Date	1-9-10	Sec.	Twp.	Range	County	State	On Location	Finish
Lease	Hassell forest	Well No.	1-4	Location		Governments Pat & Lease Course Pat EN		
Contractor	Martin Drilling Rig 16	Owner		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.				
Type Job	Surface	Hole Size	12 1/4	T.D.	219	Charge To	Martin Drilling Company	
Csg.	8 3/8 236	Depth	217	Tbg. Size	Depth	Street		
Tool	Depth	City	State					
Cement Left in Csg.	Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.						
Meas Line	Displace	123.281						

EQUIPMENT				Amount Ordered	
Pumptrk	1	No. Cementer		Common	150 @ 10.00
		Helper	Shaw		
Bulktrk	11	No. Driver	Brandon	Poz. Mix	
		Driver		Gel.	3 @ 17.00
Bulktrk		No. Driver	Keefe	Calcium	5 @ 42.00
		Driver			

JOB SERVICES & REMARKS			
Remarks:	Cement did Circulate	Hulls	
		Salt	
		Flowseal	
		Handling	158 @ 2.00
		Mileage	250.00

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FLOAT EQUIPMENT			
Guide Shoe			
Centralizer			
Baskets			
AFU Inserts			
Pumptrk Charge	5 FC		400.00
Mileage	11 @ 6.00		66.00
		Tax	74.68
		Discount	(598.00)
		Total Charge	2309.68

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WICHITA, KS

Quality Oilwell Cementing

Signature *[Handwritten Signature]*



PAGE 1 of 1	CUST NO 1002852	INVOICE DATE 01/31/2010
INVOICE NUMBER 1718 - 90234498		

Pratt (620) 672-1201
 B MURFIN DRILLING
 I PO Box: 288
 L RUSSELL
 L KS US 67665
 T
 O ATTN:

J LEASE NAME Haselhorst 1-4
 O LOCATION
 B COUNTY Ellis
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40145265	19842		Net - 30 days	03/02/2010

For Service Dates: 01/27/2010 to 01/27/2010

0040145265

171801427A Cement-New Well Casing/Pi 01/27/2010
 Port collar

Cement
 A-Con Blend Common
 Additives
 Cello-flake
 Calcium Chloride
 Mileage
 Heavy Equipment Mileage
 Mileage
 Proppant and Bulk Delivery Charge
 Mileage
 Blending & Mixing Service Charge
 Pickup
 Unit Mileage Charge-Pickups, Van & Cars
 Pump Charge-Hourly
 Depth Charge; 1001-2000'
 Supervisor
 Service Supervisor

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QTY	U of M	UNIT PRICE	INVOICE AMOUNT
185.00	EA	8.10	1,498.49 T
47.00	EA	1.67	78.26 T
522.00	EA	0.47	246.65 T
200.00	MI	3.15	630.00
870.00	MI	0.72	626.40
185.00	MI	0.63	116.55
100.00	HR	1.91	191.25
1.00	HR	675.00	675.00
1.00	HR	78.75	78.75

USED FOR New Well Casing
 APPROVED [Signature]

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 MAY 11 2010
 CONSERVATION DIVISION
 WICHITA, KS

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	4,141.35
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	96.64
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	4,237.99
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

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FIELD SERVICE TICKET
1718 1427 A

4-145-19W

DATE _____ TICKET NO. _____

DATE OF JOB 1-27-10 DISTRICT Pratt, Kansas		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER Murfin Drilling Company, Incorporated		LEASE Haselhorst		WELL NO. 1-4					
ADDRESS		COUNTY Ellis		STATE Kansas					
CITY		STATE		SERVICE CREW C. Messick; J. Anthony; Ruben					
AUTHORIZED BY		JOB TYPE: CNW - Port Collar							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
19,866	1						1-26-10	PM	1:00
						ARRIVED AT JOB	1-27-10	PM	11:15
19,889-19,842	1					START OPERATION		PM	11:50
						FINISH OPERATION		PM	12:50
19,832-21,010	1					RELEASED	1-27-10	PM	1:15
						MILES FROM STATION TO WELL			100

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned, agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
EP 101	A-CON Blend Cement	sk	185		\$ 3,330 00
CC 102	Cellflake	Lb	47		\$ 173 90
CC 109	Calcium Chloride	Lb	522		\$ 548 10
E 101	Heavy Equipment Mileage	mi	200		\$ 1,400 00
E 113	Bulk Delivery	tm	870		\$ 1,392 00
E 100	Pickup Mileage	mi	100		\$ 425 00
CE 240	Blending and Mixing Service	sk	185		\$ 259 00
5003	Service Supervisor		1ea		\$ 175 00
CE 202	Cement Pump: 1,001 Feet To 2,000 Feet		1ea		\$ 1,500 00

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CHEMICAL / ACID DATA:			

CONSERVATION DIVISION
WICHITA, KS

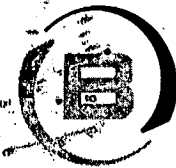
SUB TOTAL \$ 4,141 35

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	DLS
TOTAL		

SERVICE REPRESENTATIVE *Lawrence R. Messick* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Mark Robbin*

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

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FIELD SERVICE TICKET
1718 1427 A

4-145-19W

DATE _____ TICKET NO. _____

DATE OF JOB: 1-27-10		DISTRICT: Pratt, Kansas		NEW WELL <input type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:						
CUSTOMER: Murfin Drilling Company, Inc.		LEASE: Hazelhurst		WELL NO: 1-4						
ADDRESS:		COUNTY: Ellis		STATE: Kansas						
CITY:		STATE:		SERVICE CREW: Messer, S. Anthony, Rubin						
AUTHORIZED BY:		JOB TYPE: C/W - Port Collar								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
19-86	1									
						ARRIVED AT JOB	11:30 AM			11:15
						START OPERATION				11:15
19-89-17-42	1					FINISH OPERATION				12:24
						RELEASED	1:20 PM			1:15
19-82-21,00	1					MILES FROM STATION TO WELL				100

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
GP 101	1 cov. Blend Cement	K	185		\$ 3,330 00
CC 102	Collar	LL	47		\$ 173 90
CC 101	Cement Chloride	LL	522		\$ 548 10
E 101	Heavy Equipment Mileage	ML	200		\$ 1,400 00
E 113	Light Equipment Mileage	ML	370		\$ 1,392 00
E 100	Person Mileage	ML	100		\$ 425 00
CE 240	Blowdown and Mixing Service	FB	105		\$ 259 00
CE 245	Cement Service		1-0		\$ 175 00
CE 208	Cement Transport of 100 lbs to 2000 feet		1-0		\$ 1,500 00
				SUB TOTAL	\$ 4,141 25
				SERVICE & EQUIPMENT	%TAX ON \$
					DLS
				%TAX ON \$	
				TOTAL	

CHEMICAL / ACID DATA:			

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CONSERVATION DIVISION

SERVICE REPRESENTATIVE: _____	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
-------------------------------	--

FIELD SERVICE ORDER NO.

Customer Murray Drilling Company, Incorporated	Lease No. Lease Haselhorst	Well # 1-4	D.V. Tool	Date 1-27-10
Field Order # 1427	Station Pratt, Kansas	Casing 3 1/2	Depth 1,558 Feet	County Ellis
Type Job C.N.W. - Port Collar	Formation	Legal Description 4-145-19W		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 3 1/2	Tubing Size 2 7/8	Shots/Ft 185	Acid A-con with	Rate 38	Pressure Calcium chloride	ISIP 25 Lb./stk. cell	flat	
Depth 1,558 Feet	From	To	Rate 15.46 Gal./	Max 2.56	CU.F.T./sk.	5 Min.		
Volume 9 Bbl.	From	To	Rate	Min		10 Min.		
Max Press 1,000 P.S.I.	Max Press 1,000 P.S.I.	From	To	Avg		15 Min.		
Well Connection 8 7/8 up	Annulus Vol.	From	To	HHP Used		Annulus Pressure		
Plug Depth	Packer Depth	From	To	Flush 8 Bbl. Fresh Water	Gas Volume	Total Load		

Customer Representative Mark Robben	Station Manager	Treater
Service Units 19,866	19,889	19,842
Driver Names Messick	Anthony	Ruben

Time AM	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:15					Trucks on location and hold safety meeting.
11:53	1,000	1,000			Pressure Test everything. It all held. Release pressure and Open D.V. Tool. Port Collar
12:01		300		2	Start Fresh Water
		300	.5	2	Start mixing 185 sacks A-con cement.
12:20		300	84	2	Cement circulated to pit. Start Displacement.
			92		Stop pumping. Close D.V. Tool Port Collar
12:26	1,000	1,000			Pressure Test everything. It all held. Run 5 Joints.
12:38	300			3	Start to Reverse out.
	300		15	3	Well clean. keep pumping.
			20		Stop pumping.
12:50					Wash up pump truck.
1:15					Job Complete. Thank You. Clarence, James, Ruben

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WICHITA, KS



PAGE	CUST NO	INVOICE DATE
1 of 2	1002852	01/20/2010
INVOICE NUMBER		
1718 - 90225034		

Pratt (620) 672-1201
 B MURFIN DRILLING
 I PO Box: 288
 L RUSSELL
 L KS US 67665
 T
 O ATTN:

J LEASE NAME Maselhorst 1-4
 O LOCATION
 B COUNTY Ellis
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE	
40141598	27463		Net - 30 days	02/19/2010	
			UNIT PRICE	INVOICE AMOUNT	
For Service Dates: 01/16/2010 to 01/16/2010			KCC		
0040141598			MAY 11 2010		
171801186A Cement-New Well Casing/Pi 01/16/2010			CONFIDENTIAL		
Cement		160.00	EA	8.16	1,305.60 T
AA2 Cement		50.00	EA	5.76	288.00 T
Cement		40.00	EA	1.78	71.04 T
60/40 POZ		31.00	EA	1.92	59.52 T
Additives		953.00	EA	0.24	228.72 T
Cello-flake		76.00	EA	2.88	218.88 T
Additives		800.00	EA	0.32	257.28 T
De-foamer(Powder)		500.00	EA	0.73	367.20 T
Additives		1.00	EA	192.00	192.00
Salt(Fine)		1.00	EA	1,680.00	1,680.00
Additives		1.00	EA	172.80	172.80
Cement Friction Reducer		1.00	EA	172.80	172.80
Additives		10.00	EA	52.80	528.00
Gilsonite		1.00	EA	139.20	139.20
Additives		1.00	EA	139.20	139.20
Super Flush II		16.00	EA	36.00	576.00
Cement Float Equipment		200.00	MI	3.36	672.00
Latch Down Plug & Baffle, 5 1/2"(Blue)		970.00	MI	0.77	744.96
Cement Float Equipment					
5 1/2" Port Collar					
Cement Float Equipment					
Auto Fill Float Shoe 5 1/2"(Blue)					
Cement Float Equipment					
Turbolizer, 5 1/2"(Blue)					
Cement Float Equipment					
5 1/2" Basket(Blue)					
Cement Float Equipment					
Cement Scratchers Cable Type, 5 1/2"					
Mileage					
Heavy Equipment Mileage					
Mileage					

USED FOR New Well Cas
 APPROVED [Signature]

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PAGE	CUST NO	INVOICE DATE
2 of 2	1002852	01/20/2010
INVOICE NUMBER		
1718 - 90225034		

Pratt (620) 672-1201

B MURFIN DRILLING
 I PO Box: 288
 L RUSSELL
 L KS US 67665
 T
 O ATTN:

J LEASE NAME Maselhorst 1-4
 O LOCATION
 B COUNTY Ellis
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE	
40141598	27463		Net - 30 days	02/19/2010	
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
Proppant and Bulk Delivery Charge		210.00	MI	0.67	141.12
Mileage					
Blending & Mixing Service Charge		100.00	HR	2.04	204.00
Pickup					
Unit Mileage Charge-Pickups, Vans & Cars		1.00	HR	1,036.80	1,036.80
Pump Charge-Hourly					
Depth Charge; 3001-4000'		1.00	EA	120.00	120.00
Cementing Head w/Manifold					
Plug Container Utilization Charge		1.00	HR	84.00	84.00
Supervisor					
Service Supervisor					

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KANSAS CORPORATION COMMISSION
MAY 11 2010
CONSERVATION DIVISION
WICHITA, KS

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	9,087.12
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	148.20
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	9,235.32
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

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FIELD SERVICE TICKET
1718 1186 A

DATE _____ TICKET NO. _____

DATE OF JOB 1-16-10		DISTRICT KANSAS		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER <u>Murfin Drilling Co.</u>				LEASE <u>Haselhorst</u>		#1-4 WELL NO.			
ADDRESS				COUNTY <u>Ellis</u>		STATE <u>KANS.</u>			
CITY				STATE		SERVICE CREW <u>A. Werth, K. Lesley, M. Null</u>			
AUTHORIZED BY				JOB TYPE: <u>5 1/2" L.S.</u>		<u>CNW</u>			
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
28443	A.U.	1					1-15-10	AM	1945
27463	P.T.	1				ARRIVED AT JOB	1-16-10	AM	0000
19831-19862		1				START OPERATION	1-16-10	AM	0500
						FINISH OPERATION	1-16-10	PM	0600
						RELEASED	1-16-10	AM	0630
						MILES FROM STATION TO WELL			100-miles

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	AA2 cement		160-SK		\$ 2720.00
CP103	100/40 Por		50-SK		\$ 600.00
CC102	CELL FLAKE		40-lb		\$ 148.00
CC105	Deformer		31-lb		\$ 124.00
CC111	SALT		953-lb		\$ 416.50
CC112	Cement Friction Reducer		76-lb		\$ 436.00
CC201	Gilsonite		800-lb		\$ 536.00
CC155	Super flush II		500-gal		\$ 765.00
CF481	Port collar		1-EN		\$ 3500.00
CF607	Latch Down Plug 5 1/2" (Blue)		1-EN		\$ 400.00
CF1251	Auto Fill Float Shoe 5 1/2" (Blue)		1-EN		\$ 360.00
CF1651	Turbolizer		18-EN		\$ 1100.00
CF1901	Basket 5 1/2" Blue		2-EN		\$ 290.00
CF2001	Cement Scratchers cable type 5 1/2"		16-EN		\$ 1200.00

SUB TOTAL DLS

CHEMICAL / ACID DATA:			

RECEIVED
KANSAS CORPORATION COMMISSION
SERVICE & EQUIPMENT

MAY 11 2010

CONSERVATION DIVISION
WICHITA, KS

%TAX ON \$

%TAX ON \$

TOTAL

SERVICE REPRESENTATIVE Allen F. Werth

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Mark Kelly

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

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MAY 11 2010
CONFIDENTIAL

FIELD SERVICE TICKET
1718 1186 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>1-16-10</u> DISTRICT <u>KANSAS</u>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:								
CUSTOMER <u>Murphy Drilling Co.</u>		LEASE <u>Hazelhorst</u> # <u>1-4</u> WELL NO.								
ADDRESS		COUNTY <u>Ellis</u> 4-14-9 STATE <u>Kans.</u>								
CITY STATE		SERVICE CREW <u>A. Worth, K. Lesley, J. Hill</u>								
AUTHORIZED BY		JOB TYPE: <u>5 1/2" L.S.</u>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<u>28443</u>	<u>1</u>						<u>1-15-10</u>			<u>1745</u>
<u>27463</u>	<u>1</u>					ARRIVED AT JOB	<u>1-16-10</u>			<u>0000</u>
<u>19881-19862</u>	<u>1</u>					START OPERATION	<u>1-16-10</u>			<u>0500</u>
						FINISH OPERATION	<u>1-16-10</u>			<u>0600</u>
						RELEASED	<u>1-16-10</u>			<u>0630</u>
						MILES FROM STATION TO WELL				<u>100-000</u>

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
EP 105	AA2 Cement		160-SK		\$ 2720.00
EP 105	60/40 Por		50-SK		\$ 600.00
CC 102	Cell Flake		40-1b		
CC 105	Deformer		31-1b		\$ 148.00
CC 111	Salt		953-1b		\$ 124.00
CC 112	Cement Friction Reducer		76-1b		\$ 476.50
CC 201	Gilsonite		800-1b		\$ 456.00
					\$ 536.00
CC 125	Super Flush II		500-301		
CF 487	Pop Gun		1-CA		\$ 765.00
CF 607	Latch Down Plug 5 1/2" (Blue)		1-CA		\$ 3500.00
CF 1251	Auto Fill Float Shoe 5 1/2" (Blue)		1-CA		\$ 400.00
CF 1651	Turbidator				\$ 360.00
CF 1701	Basket 5 1/2" Blue		19-CA		\$ 1100.00
CF 2001	Cement Scratchers cable Type 5 1/2"		16-CA		\$ 290.00
					\$ 1200.00
SUB TOTAL					DL5

CHEMICAL / ACID DATA:				RECEIVED	
				KANSAS CORPORATION COMMISSION	
				MAY 11 2010	
				SERVICE & EQUIPMENT	%TAX ON \$
				MATERIALS	%TAX ON \$
TOTAL					

CONSERVATION DIVISION
WICHITA, KS

SERVICE REPRESENTATIVE <u>Allen F. Worth</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u>
--	--

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

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MAY 11 2010
CONFIDENTIAL

TREATMENT REPORT

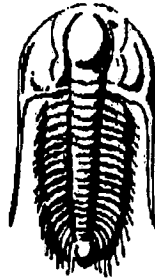
Customer Murfin Drilling Co.	Lease No.	Date 1-16-10
Lease Haselhorst	Well # 1-4	
Field Order # 17181186A	Station Pratt KS	Casing 5 1/2
Type Job 5 1/2 L.S.	Formation CNW	Depth 3957
		County Fillis
		State KS
		Legal Description 4-14-19

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft				RATE	PRESS	ISIP
5 1/2			160 SK	Acid AA2 15#/gal				5 Min.
Depth 3957	Depth	From	To 50 SK	Pre Pad Plus RH + W	Max			10 Min.
Volume 93.5	Volume	From	To 500 gal	Pad Super flush	Min			15 Min.
Max Press. 1550 #	Max Press	From	To	Frac	Avg			Annulus Pressure
Well Connection P.C.	Annulus Vol.	From	To		HHP Used			Total Load
Plug Depth 3428.5	Packer Depth	From	To	Flush Fresh water	Gas Volume			

Customer Representative mark Robin	Station Manager scotty	Treater Allen F. Werth
Service Units 28443 27463 19831 19862		
Driver Names A warth K Lester Mike Null		

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
0030					ON Loc. Discuss Safety Setup Plan Job
0200					Rig laying down Drill Collars.
					START 5 1/2 csg. 15.5" shoe joint
					28.50 w/ F.S. + L.D. Baffle.
					Cent. 1-3-5-7-9-11-13-15-56-58
					Basket #57 Port Collar #57 @ 1558'
					Tag Bottom 3962 - set Pipe @ 3957'
0400					CIR w/ Rig + Recip. Pipe.
0500	200 #		5	5	Start 5 BBL N ²⁰ spacer
	200 #		12	5	Pump 12 BBL Superflush II
	200 #		5	5	Pump 5 BBLs N ²⁰ spacer
	250 #			6	Mix + pump 160 SKs AA2 @ 15.5#/gal
			42 1/2		Finish mixing
					washout Pump + Line - Drop Plug.
0525	100 #			6	Start Disp. csg cap 93 1/2 BBLs
	400 #			5	caught Lift PST w/ 65 BBLs out
0545	1550 #		93 1/2		Plug down
	0 #				Release PST - 0# "OK"
					Plug Rat Hole w/ 50 SKs 60/40 por.
0600					wash up Equip. + Rack up.
0630					Job complete
					Thanks Allen, Kawan, Mike Null

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WICHITA, KS



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water
Ste 300
Wichita KS 67202-1216

ATTN: Scott Robinson

4 14s 19w Ellis KS

Haselhorst #1-4

Start Date: 2010.01.13 @ 02:03:09

End Date: 2010.01.13 @ 09:35:03

Job Ticket #: 37154 DST #: 1

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MAY 11 2010

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Murfin Drilling Co Inc

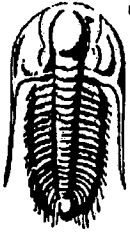
Haselhorst #1-4

4 14s 19w Ellis KS

DST # 1

LKC "B"

2010.01.13



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co Inc

250 N Water
Ste 300
Wichita KS 67202-1216
ATTN: Scott Robinson

Haselhorst #1-4

4 14s 19w Ellis KS

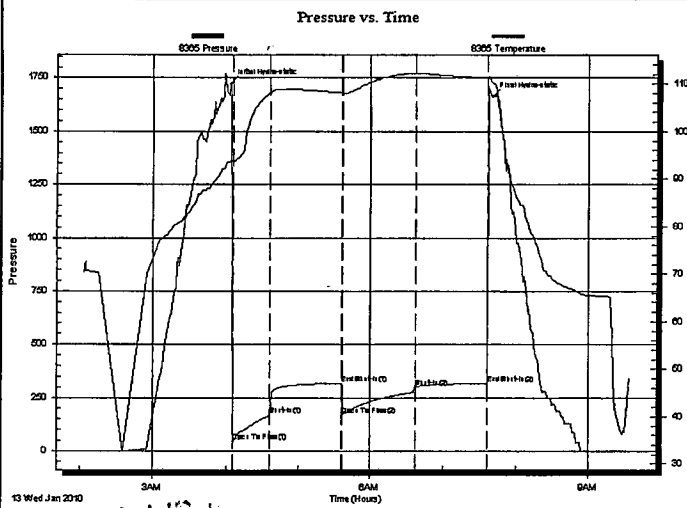
Job Ticket: 37154 DST#: 1
Test Start: 2010.01.13 @ 02:03:09

GENERAL INFORMATION:

Formation: LKC "B"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:06:04
Time Test Ended: 09:35:03
Interval: 3530.00 ft (KB) To 3575.00 ft (KB) (TVD)
Total Depth: 3575.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42
Reference Elevations: 2234.00 ft (KB)
2229.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8365 Inside
Press@RunDepth: 299.52 psig @ 3539.01 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.01.13 End Date: 2010.01.13 Last Calib.: 2010.01.13
Start Time: 02:03:09 End Time: 09:35:03 Time On Btm: 2010.01.13 @ 04:03:34
Time Off Btm: 2010.01.13 @ 07:40:33

TEST COMMENT: IFP-strg bl in 1 min
FFP-strg bl in 4 min
Times 30-60-60-90
ISIP-2"bl bk, FSP-2" bl bk



PRESSURE SUMMARY

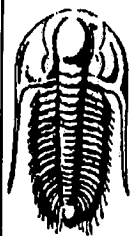
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1724.09	93.73	Initial Hydro-static
3	48.16	93.74	Open To Flow (1)
33	167.99	108.13	Shut-In(1)
93	318.00	108.14	End Shut-In(1)
94	172.52	108.09	Open To Flow (2)
154	299.52	112.14	Shut-In(2)
213	317.51	111.22	End Shut-In(2)
217	1664.09	110.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1245' GIP	0.00
248.00	Water	3.21
62.00	O&GCW 5%G5%O90%W	0.87
124.00	HO&GCWM 30G20%O25W25%M	1.74
120.00	HOCGM 40%G25%O35%M	1.68

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc
250 N Water
Ste 300
Wichita KS 67202-1216
ATTN: Scott Robinson

Haselhorst #1-4
4 14s 19w Ellis KS
Job Ticket: 37154 **DST#: 1**
Test Start: 2010.01.13 @ 02:03:09

Tool Information

Drill Pipe:	Length: 3485.00 ft	Diameter: 3.80 inches	Volume: 48.89 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 55000.00 lb
		Total Volume: 49.04 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3530.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.02 ft			
Tool Length:	68.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

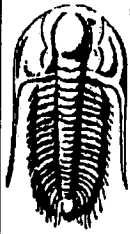
Tool Comments:

Tool Description Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00			3508.00	
Shut In Tool	5.00			3513.00	
Hydraulic tool	5.00			3518.00	
Safety Joint	2.00			3520.00	
Packer	5.00			3525.00	23.00 Bottom Of Top Packer
Packer	5.00			3530.00	
Stubb	1.00			3531.00	
Perforations	8.00			3539.00	
Recorder	0.01	8365	Inside	3539.01	
Recorder	0.01	6625	Outside	3539.02	
Blank Spacing	33.00			3572.02	
Bullnose	3.00			3575.02	45.02 Bottom Packers & Anchor

Total Tool Length: 68.02

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CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

Haselhorst #1-4

250 N Water
Ste 300
Wichita KS 67202-1216
ATTN: Scott Robinson

4 14s 19w Ellis KS
Job Ticket: 37154 **DST#: 1**
Test Start: 2010.01.13 @ 02:03:09

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	90000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.36 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2200.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

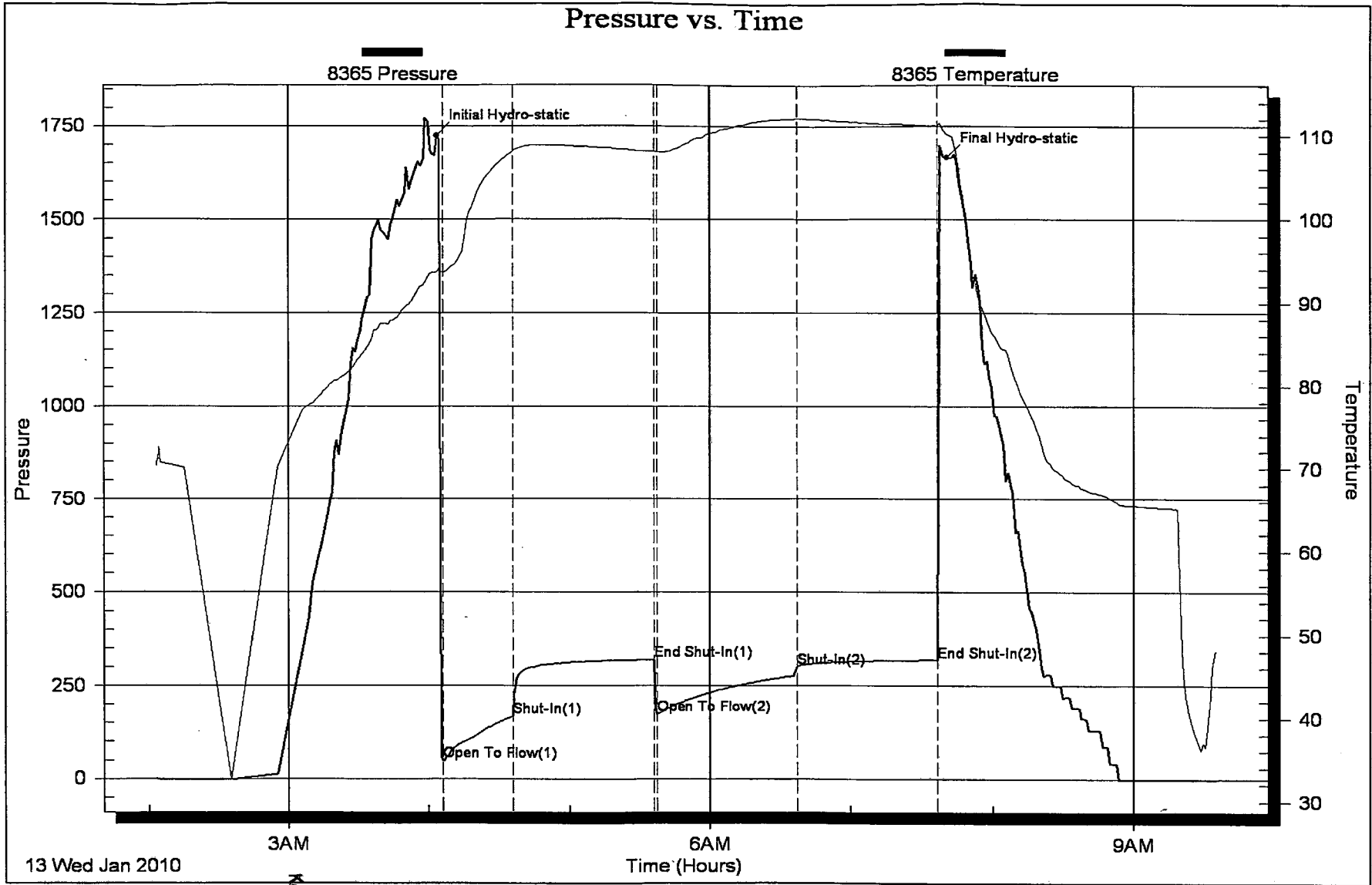
Length ft	Description	Volume bbl
0.00	1245' GIP	0.000
248.00	Water	3.206
62.00	O&GCW 5%G5%O90%W	0.870
124.00	HO&GCWM 30G20%O25W25%M	1.739
120.00	HOCGM 40%G25%O35%M	1.683

Total Length: 554.00 ft Total Volume: 7.498 bbl

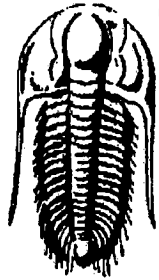
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW .1 @ 60F



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 CONSERVATION DIVISION
 WICHITA, KS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water
Ste 300
Wichita KS 67202-1216

ATTN: Scott Robinson

4 14s 19w Ellis KS

Haselhorst #1-4

Start Date: 2010.01.13 @ 16:34:14

End Date: 2010.01.14 @ 01:05:14

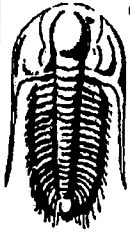
Job Ticket #: 37155 DST #: 2

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MAY 11 2010

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Murfin Drilling Co Inc
 250 N Water
 Ste 300
 Wichita KS 67202-1216
 ATTN: Scott Robinson

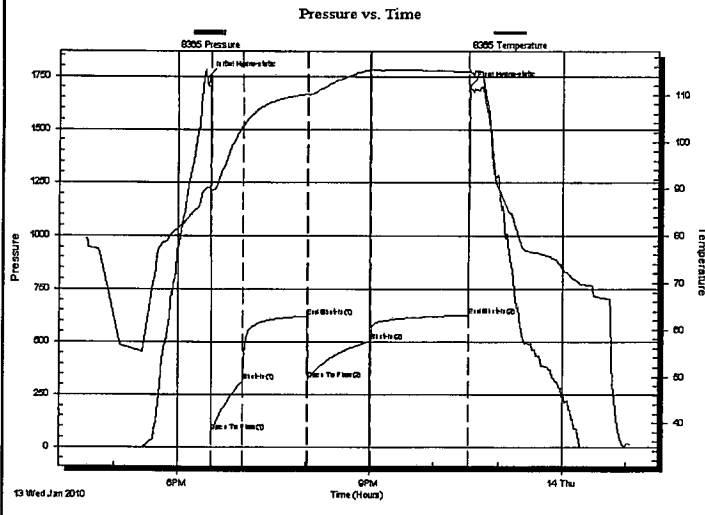
Haselhorst #1-4
4 14s 19w Ellis KS
 Job Ticket: 37155 **DST#: 2**
 Test Start: 2010.01.13 @ 16:34:14

GENERAL INFORMATION:

Formation: **LKC- "D-F"**
 Deviated: **No Whipstock:** **ft (KB)**
 Time Tool Opened: 18:30:14
 Time Test Ended: 01:05:14
 Interval: **3574.00 ft (KB) To 3623.00 ft (KB) (TVD)**
 Total Depth: **3623.00 ft (KB) (TVD)**
 Hole Diameter: **7.85 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole**
 Tester: **Ray Schwager**
 Unit No: **42**
 Reference Elevations: **2234.00 ft (KB)**
 2229.00 ft (CF)
 KB to GR/CF: **5.00 ft**

Serial #: 8365 **Inside**
 Press@RunDepth: **503.13 psig @ 3587.01 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2010.01.13** End Date: **2010.01.14** Last Calib.: **2010.01.14**
 Start Time: **16:34:19** End Time: **01:05:13** Time On Btm: **2010.01.13 @ 18:28:44**
 2010.01.13 @ 22:33:13

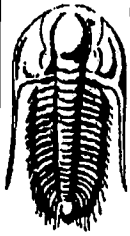
TEST COMMENT: IFP- strg bl in 1 min
 FFP-strg bl in 3 min
 Times 30-60-60-90
 ISIP-strg bl bk , FSIP-strg bl bk



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1751.08	90.30	Initial Hydro-static
2	73.75	89.70	Open To Flow (1)
32	314.36	103.37	Shut-In(1)
92	621.84	110.14	End Shut-In(1)
93	322.40	110.05	Open To Flow (2)
152	503.13	115.37	Shut-In(2)
244	624.52	114.99	End Shut-In(2)
245	1704.61	114.90	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	1565' gip	0.00
110.00	CO	1.27
62.00	GMO 50%G40%O5%M5%W	0.87
124.00	O&GCMW 40%G10%O24%W26%M	1.74
805.00	w ater	11.29

Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc
250 N Water
Ste 300
Wichita KS 67202-1216
ATTN: Scott Robinson

Haselhorst #1-4
4 14s 19w Ellis KS
Job Ticket: 37155 **DST#: 2**
Test Start: 2010.01.13 @ 16:34:14

Tool Information

Drill Pipe:	Length: 3546.00 ft	Diameter: 3.80 inches	Volume: 49.74 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 49.89 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3574.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.02 ft			
Tool Length:	72.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

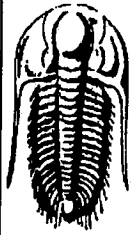
Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3552.00	
Shut In Tool	5.00			3557.00	
Hydraulic tool	5.00			3562.00	
Safety Joint	2.00			3564.00	
Packer	5.00			3569.00	23.00 Bottom Of Top Packer
Packer	5.00			3574.00	
Stubb	1.00			3575.00	
Perforations	12.00			3587.00	
Recorder	0.01	8365	Inside	3587.01	
Recorder	0.01	6625	Outside	3587.02	
Blank Spacing	33.00			3620.02	
Bullnose	3.00			3623.02	49.02 Bottom Packers & Anchor

Total Tool Length: 72.02

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KANSAS CORPORATION COMMISSION
MAY 11 2010
CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc
250 N Water
Ste 300
Wichita KS 67202-1216
ATTN: Scott Robinson

Haselhorst #1-4
4 14s 19w Ellis KS
Job Ticket: 37155 DST#: 2
Test Start: 2010.01.13 @ 16:34:14

Mud and Cushion Information

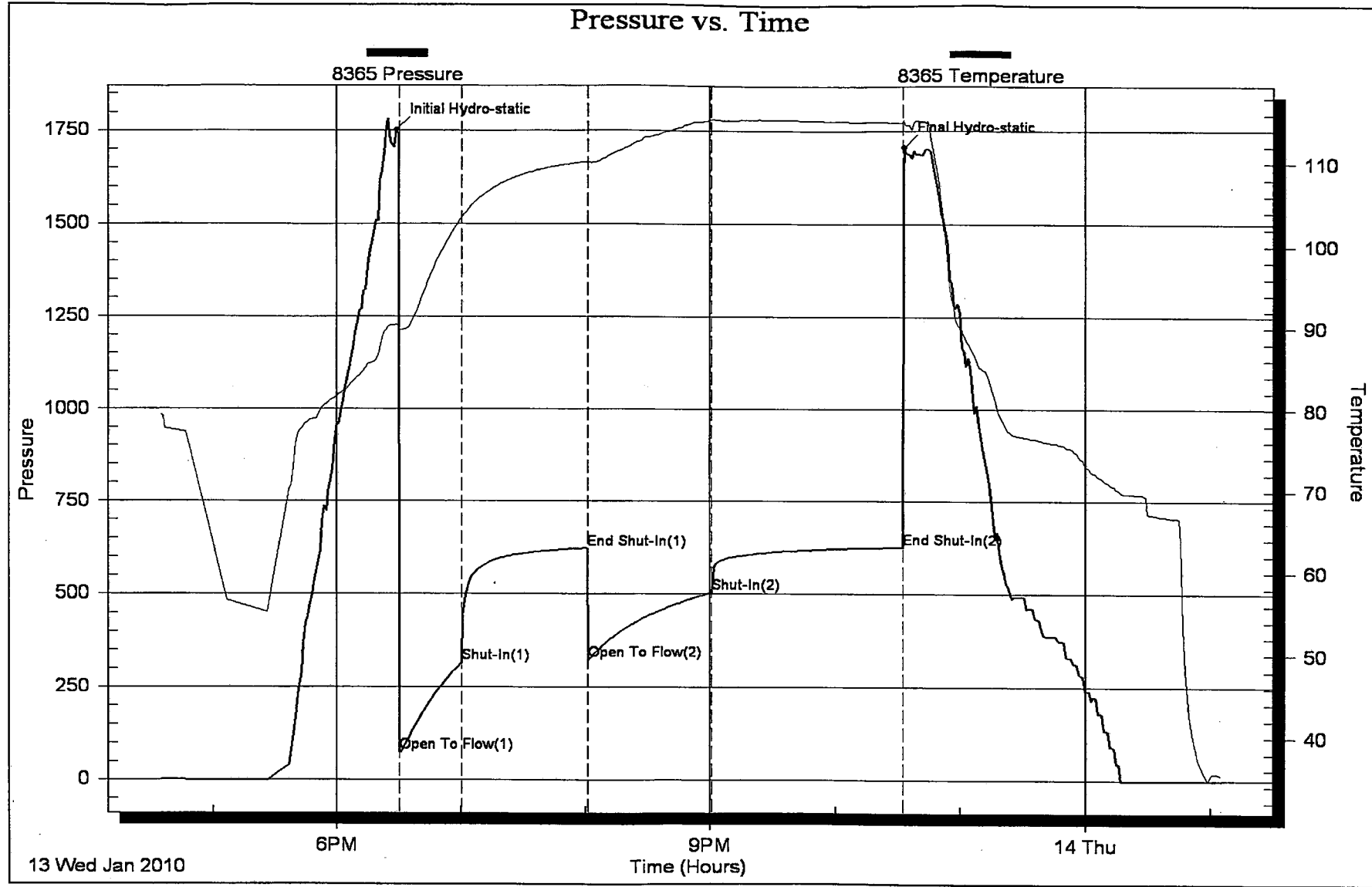
Mud Type: Gel Chem	Cushion Type:	Oil API: 38 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 80000 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.78 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4300.00 ppm		
Filter Cake: 2.00 inches		

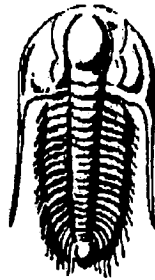
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1565' gip	0.000
110.00	CO	1.270
62.00	GMO 50%G40%O5%M5%W	0.870
124.00	O&GCMW 40%G10%O24%W26%M	1.739
805.00	w ater	11.292

Total Length: 1101.00 ft Total Volume: 15.171 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW .11 @ 60F





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water
Ste 300
Wichita KS 67202-1216

ATTN: Scott Robinson

4 14s 19w Ellis KS

Haselhorst #1-4

Start Date: 2010.01.14 @ 12:02:29

End Date: 2010.01.14 @ 19:52:59

Job Ticket #: 37156 DST #: 3

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MAY 11 2010

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Murfin Drilling Co Inc

Haselhorst #1-4

4 14s 19w Ellis KS

DST # 3

LKC H-J

2010.01.14



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

Haselhorst #1-4

250 N Water
Ste 300
Wichita KS 67202-1216
ATTN: Scott Robinson

4 14s 19w Ellis KS
Job Ticket: 37156 **DST#: 3**
Test Start: 2010.01.14 @ 12:02:29

Tool Information

Drill Pipe:	Length: 3635.00 ft	Diameter: 3.80 inches	Volume: 50.99 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 64000.00 lb
			<u>Total Volume: 51.14 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3660.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	68.02 ft			
Tool Length:	91.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

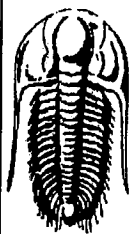
Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3638.00	
Shut In Tool	5.00			3643.00	
Hydraulic tool	5.00			3648.00	
Safety Joint	2.00			3650.00	
Packer	5.00			3655.00	23.00 Bottom Of Top Packer
Packer	5.00			3660.00	
Stubb	1.00			3661.00	
Perforations	7.00			3668.00	
Recorder	0.01	8365	Inside	3668.01	
Recorder	0.01	6625	Outside	3668.02	
Blank Spacing	33.00			3701.02	
Perforations	24.00			3725.02	
Bullnose	3.00			3728.02	68.02 Bottom Packers & Anchor

Total Tool Length: 91.02

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Mud Type: Gel Chem	Cushion Type:	Oil API: 30 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 50000 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.79 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 2200.00 ppm		
Filter Cake: 2.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	775 GIP	0.000
124.00	CO	1.466
124.00	OCGM35%G15%O50%M	1.739
92.00	OGCMW15%G5%O35%M45%W	1.291

Total Length: 340.00 ft Total Volume: 4.496 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW.17@60F

[Faint handwritten notes and stamps]

