

Form	ACO1 - Well Completion
Operator	Pickrell Drilling Company, Inc.
Well Name	SUTTON "C" 8
Doc ID	1648196

All Electric Logs Run

Comp, D N, PE
Micro
DI
Bond

Form	ACO1 - Well Completion
Operator	Pickrell Drilling Company, Inc.
Well Name	SUTTON "C" 8
Doc ID	1648196

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	222	Standard	165	2%Gel,2% CC
Production	7.437	5.5	14	4438	Standard	145	EA2

Geologic Report
Aaron L. Young

Drilling Time and Sample Log

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Sutton "C" #8
API: 15-135-26170
Location: Section 8 - T18S - R24W
License Number: 5123
Spud Date: 05 / 31 / 2022
Surface Coordinates: 1745' FSL and 330' FWL
Approx. N2 - SW - NW - SW
Region: Ness Co., KS
Drilling Completed: 06 / 06 / 2022
Bottom Hole Coordinates:
Ground Elevation (ft): 2324' K.B. Elevation (ft): 2331'
Logged Interval (ft): 3600' To: 4444' Total Depth (ft): 4444'
Formation: Mississippian
Type of Drilling Fluid: Chemical - MudCo

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Pickrell Drilling Co., Inc
Address: 100 S Main Ste 505
Wichita, KS 67202

GEOLOGIST

Name: Aaron L. Young, M. S.
Company: Pickrell Drilling Co., Inc.
Address: 100 S Main Ste 505
Wichita, KS 67202

General Info

CONTRACTOR: Pickrell Drilling, Rig #10

BIT RECORD:

No.	Size	Make	Jets	Out	Feet	Hours
1	12-1/4	RR	15-15-15	223'	231'	3.75
2	7-7/8	SMITH MSI516	14-14-14-14-14	4440'	4217'	84.00

SURVEYS: 223'-.75, 758'-.75, 1327'-.75, 1963'-.75, 2342'-.75, 4344'-.75, 4440'-.75

GENERAL DRILLING AND PUMP INFORMATION:

Drilling with 10,000 - 12,000 lbs. on bit and approx 80-90 RPM.

Running 8 stands of collars; 461.83'

Pumping 62 strokes/min @ approx 800-950 psi at standpipe.

Daily Status

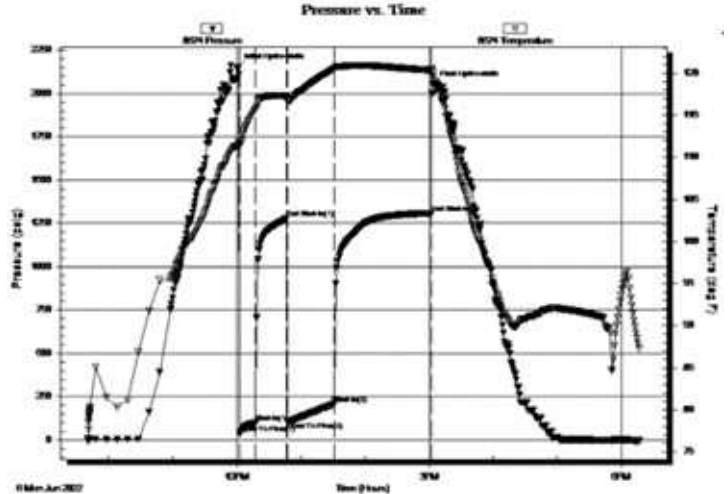
5-31-22: Spud well at 3:15 PM. Drilling from 0-223'. Ran 5 jts New 8-5/8" 23# 222' (Tally 213') surface casing. Cement surface casing w 165 sx Standard cement, 2% gel, 3% CC. Plug down at 11:15 PM, Swift #34712.
 6-01-22: 7:00 A.M. Today's TD 223'. WOC. SHT @ 223' = 3/4°. 8:15 A.M. Drill out 40' of cement. Drilling ahead.
 6-02-22: Today's TD 1454'. Drilling ahead. SHT @ 758' = 3/4°. SHT @ 1327' = 3/4°.
 6-03-22: Today's TD 2500'. Drilling ahead. SHT @ 1953' = 3/4°. SHT @ 2342' = 3/4°.
 6-04-22: Today's TD 3419'. Drilling ahead.
 6-05-22: Today's TD 3990'. Drilling ahead.
 6-06-22: Today's TD 4344'. DST #1: Mississippi zone 4292-4344'. Drilling ahead.
 6-07-22: RTD: 4440' (Eli) LTD: 4438'. Ran logs. Set 106 jts 5-1/2" Used 14# production casing set at 4438'. Port collar
 At 1601'. Cemented with 145 sx EA2 with 30 additional sx to rathole, Swift Ticket #34718. PD @ 9:30 PM.
 6-07-22. Rig down.

DST #1 MISSISSIPPIAN 4292' - 4344'
 15"-30"-45"-90"

IF: BOB in 11 min, built to 14.75"
 ISI: Surface blow, built to 3/4"
 FF: BOB in 11 min, built to 38"
 FSI: Surface blow, built to 1/2"

Rec'd: 63' OCM (20% O, 80% M), 126' OCM (10% O, 90% M), 126' MCGO (15% M, 80% O, 5%M), 199' GO (10% G, 90% O)

SIP: 1280-1310#
 FP: 38-99#, 107-208#
 HP: 2148-2049#



	Log tops	
Heebner	3684	-1353
Lansing	3726	-1395
Stark	4003	-1672
Pawnee	4147	-1816
Ft Scott	4226	-1895
Cherokee Sh	4251	-1920
Mississippian	4316	-1985

ROCK TYPES

Anhy
 Bent
 Brec
 Cht
 Clyst
 Coal
 Congl
 Dol

Gyp
 Igne
 Lmst
 Meta
 Mrlst
 Salt
 Shale
 Shcol

Shgy
 Slstst
 Ss
 Till
 Carb sh
 Dol
 Dtd
 Gry sh

Sandylms
 Shale
 Slststn
 Shlyslts
 Sltysh
 Lms

ACCESSORIES

MINERAL

Anhy
 Arggrn
 Arg
 Bent
 Bit
 Brecfrag
 Calc
 Carb
 Chtdk
 Chtlt
 Dol
 Feldspar
 Ferrpel
 Ferr
 Glau
 Gyp
 Hvymin
 Kaol
 Marl
 Minxl
 Nodule
 Phos
 Pyr



Salt
 Sandy
 Silt
 Sil
 Sulphur
 Tuff
 Chlorite
 Dol
 Sand
 Sltly

FOSSIL

Algae
 Amph
 Belm
 Bioclst
 Brach
 Bryozoa
 Cephal
 Coral
 Crin
 Echin
 Fish
 Foram



Fossil
 Gastro
 Oolite
 Ostra
 Pelec
 Pellet
 Pisolite
 Plant
 Strom
 Fuss
 Oomold

STRINGER

Anhy
 Arg
 Bent
 Coal
 Dol
 Gyp
 Ls
 Mrst
 Sltstrg
 Ssstrg
 Carbsh



Clystn
 Dol
 Grysh
 Gryslt
 Lms
 Sandylms
 Sh
 Sltstn

TEXTURE

Boundst
 Chalky
 Cryxln
 Earthy
 Finexln
 Grainst
 Lithogr
 Microxln
 Mudst
 Packst
 Wackest

OTHER SYMBOLS

POROSITY TYPE

Earthy
 Fenest
 Fracture
 Inter
 Moldic
 Organic
 Pinpoint
 Vuggy

SORTING

Well
 Moderate
 Poor

ROUNDING

Rounded
 Subrnd
 Subang
 Angular

OIL SHOWS

Even
 Spotted
 Ques
 Dead
 Gas show

INTERVALS

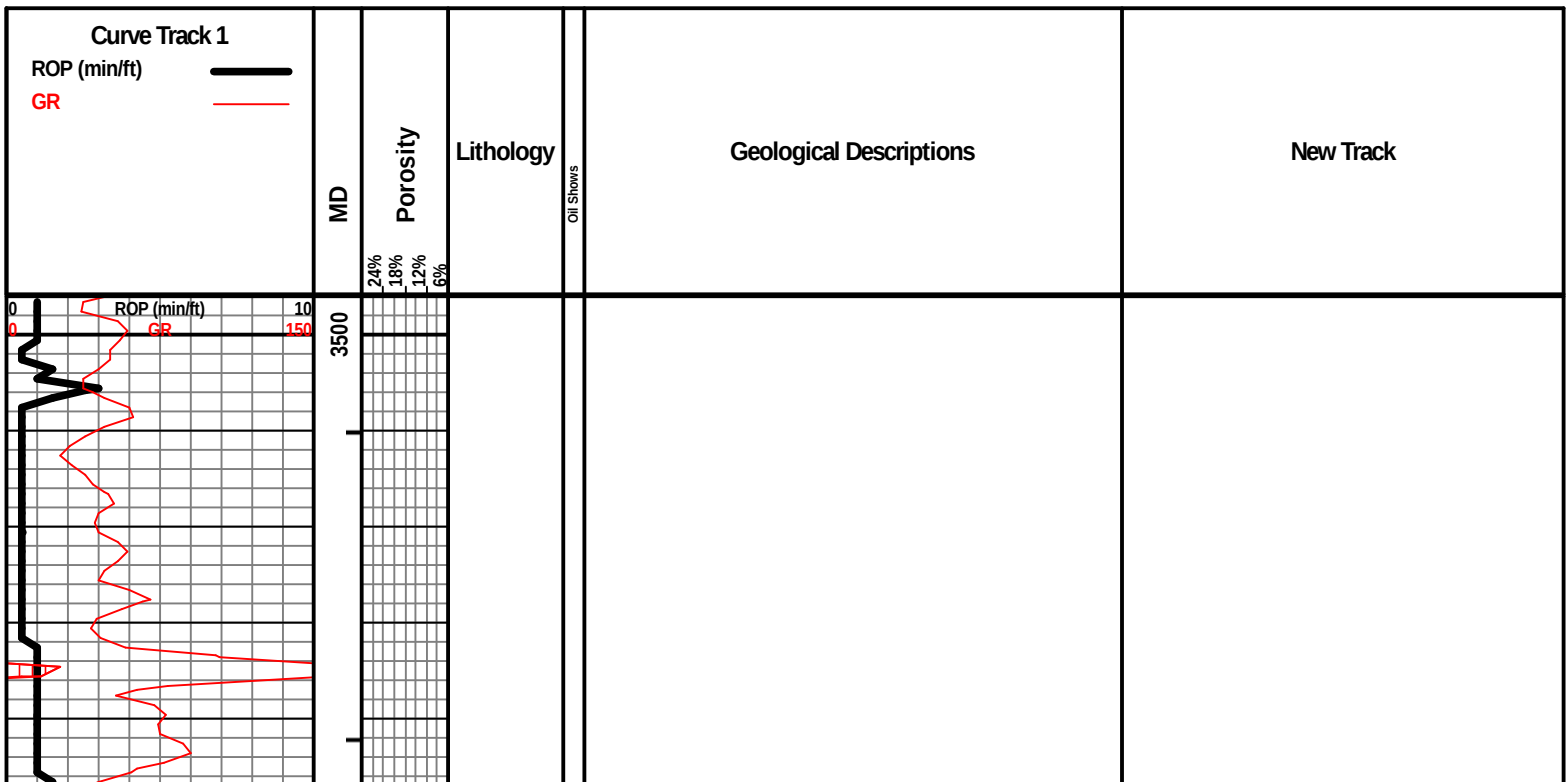
Core
 Dst

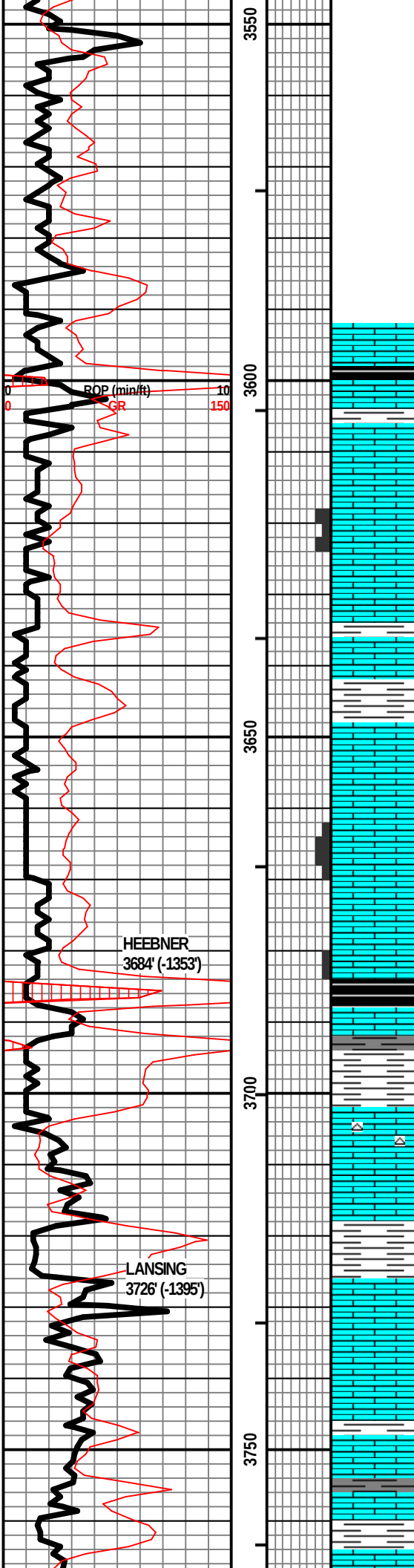


Dst

EVENTS

Rft
 Sidewall
 Conn





LS - CRM / TAN / LT GY, F XLN, MOD DNS, FOSS IN PT, F / G
INTERXLN POR IN PT, NS

LS - TAN / LT GY, F XLN, MOD DNS / DNS, W / SH - RD-ORNG /
TURQ

LS - CRM / TAN / GY, F XLN, MOD DNS / DNS, FOSS IN PT,
FUSULINIDS, W / SH - RD-ORNG / GRN

LS - TAN, F XLN, MOD DNS / DNS, ABUND FOSS, W / LS - CRM /
WHT, SUBCHKY / CHKY

LS - TAN, F XLN, MOD DNS, ABUND FOSS IN PT, P / F
INTERXLN & INTERPART POR IN PT, NS

SH - BLK, CARB, W / LS - CRM / TAN / GY, F XLN, ABUND FOSS,
P INTERXLN POR IN PT, NS

SH - GY / GRN, W / LS - CRM / TAN, F XLN, MOD DNS

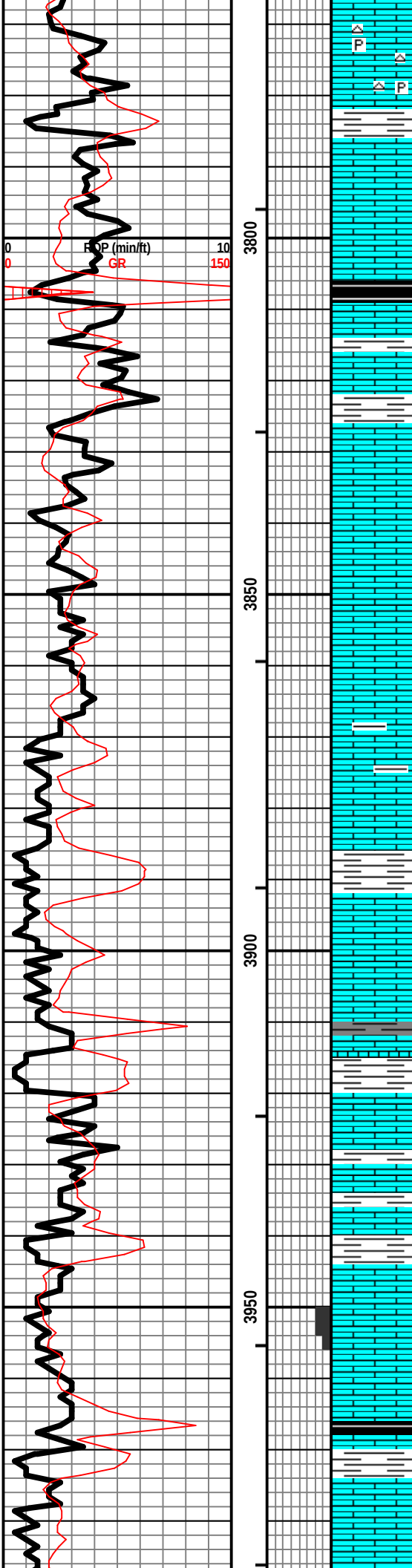
LS - CRM / TAN, F XLN, MOD DNS, FOSS IN PT, CHTY IN PT, W /
SH - RD-ORNG / TURQ / GRN / GY

SH - RD / GRN / GY, W / LS - CRM, VF / F / M XLN, MOD DNS /
SUBCHKY IN PT

LS - CRM, F / M XLN, MOD DNS / DNS, FOSS IN PT, W / SH - GY /
GRN

SH - GY / GRN, W / LS - CRM / TAN, F XLN, MOD DNS / DNS,
FOSS IN PT

LS - GY / TAN, F / M XLN, DNS, FOSS IN PT, W / SH - DK GY, W /
SH - TURQ / RD-ORNG



LS - TAN / GY / CRM IN PT, F / M XLN, DNS / MOD DNS, FOSS, W/
SH - TURQ / RD-ORNG / MAR

SH - TURQ / RD-ORNG / MAR, W/LS - GY / TAN / CRM, F XLN,
MOD DNS / DNS, FOSS IN PT, PYRITIC IN PT, CHTY IN PT

SH - MAR / GRN / RD-ORNG / GY, W/LS - CRM / TAN, F XLN,
MOD DNS / DNS, FOSS, W/ SCAT LS - WHT / CRM, CHKY

SH - BLK, CARB, W/LS - CRM, F / M XLN IN PT, MOD DNS,
FOSS

LS - CRM / TAN, F XLN, MOD DNS / DNS, FOSS IN PT, W/ SH -
MAR / GRN / RD-ORNG

SH - MAR / GRN / GY, W/LS - CRM / TAN, F XLN, V DNS / DNS

LS - CRM, F XLN, MOD DNS / DNS, FOSS IN PT

LS - CRM, F / VF XLN, MOD DNS / SUBCKY IN PT

LS - CRM, F / VF XLN, PRED MOD DNS / DNS, SUBCHKY IN PT

LS - CRM / TAN / GY, F XLN, MOD DNS / DNS, ARG IN PT

SH - GY / GRN / MAR, W/LS - CRM / TAN / GY IN PT, F XLN, MOD
DNS / DNS, FOSS IN PT

LS - CRM, F / VF XLN, MOD DNS / SUBCHKY, FOSS IN PT

SH - RD / GRN, W/LS - CRM / LT GY, F XLN, MOD DNS / DNS,
FOSS IN PT, W/ SH - DK GY / BLK

SH - GRN / GY / MAR, W/LS - CRM / TAN, F XLN, MOD DNS /
DNS, FOSS IN PT

SH - GRN / GY, W/LS - CRM / TAN, F XLN, MOD DNS / DNS,
FOSS IN PT

SH - GRN / GY / RD-ORNG / MAR, W/LS - CRM / TAN, F / VF
XLN, MOD DNS / SUBCHKY

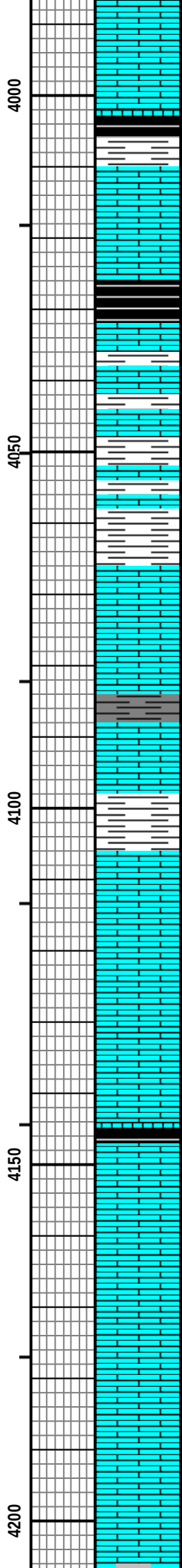
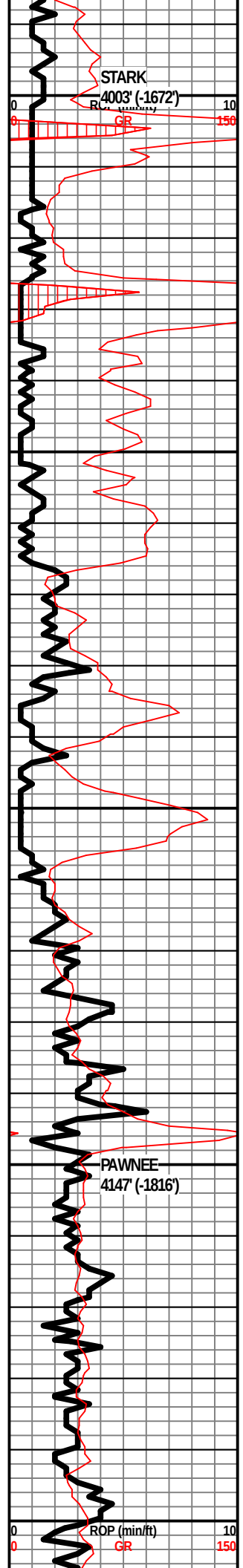
LS - CRM / TAN, F XLN, MOD DNS, P / F OOLMOLDIC POR IN
PT, NS

SH - BLK, CARB
SH - TURQ / MAR / GRN / GY, W/LS - CRM, F XLN, MOD DNS

LS - CRM / WHT, VF XLN, PRED CHKY, SUBCHKY IN PT

LS - CRM / TAN, F XLN, SUBCHKY / MOD DNS, FOSS IN PT

WT 8.9
VIS 50
LCM 1#



LS - TAN / CRM, F XLN, MOD DNS, DNS, FOSS

SH - BLK, CARB, W/LS - CRM / TAN, VF XLN, MOD DNS / SUBCHKY

SH - MAR / RD-ORNG / GRN / GY, W/LS - CRM / TAN, VF XLN, SUBCHKY

LS - CRM, VF / F XLN, MOD DNS / SUBCHKY, FOSS IN PT

SH - BLK, CARB, W/LS - CRM, VF XLN, SUBCHKY, W/LS - TAN / GY, F / M XLN, DNS, FOSS

LS - CRM / GY, VF / F XLN, MOD DNS / SUBCHKY IN PT, W/SH - GY / GRN

SH - GY / GRN / RD-ORNG, W/LS - TAN / GY, F XLN, DNS / V DNS, FOSS

SH - GRN / GY, W/LS - CRM / TAN, VF / F XLN, MOD DNS / SUBCHKY

SH - DK GY / GRN / MAR / RDISH-BRN, W/LS - PRED CRM / TAN IN PT, VF XLN, SUBCHKY / MOD DNS

LS - CRM, F / VF XLN, MOD DNS / DNS, W/SH - GRN / GY / MAR IN PT

LS - CRM, F / VF XLN, MOD DNS / SUBCHKY IN PT

SH - BLK, CARB

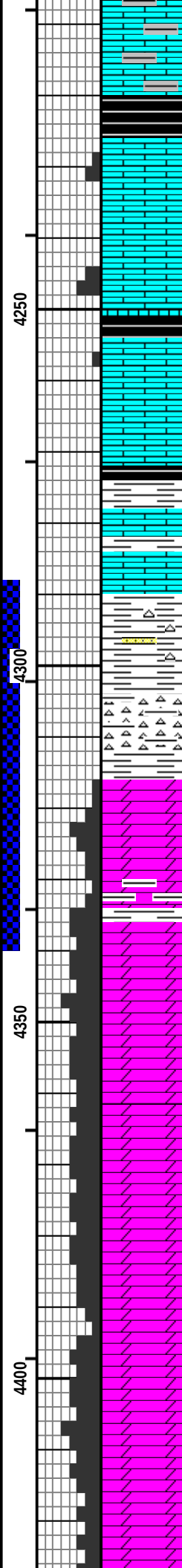
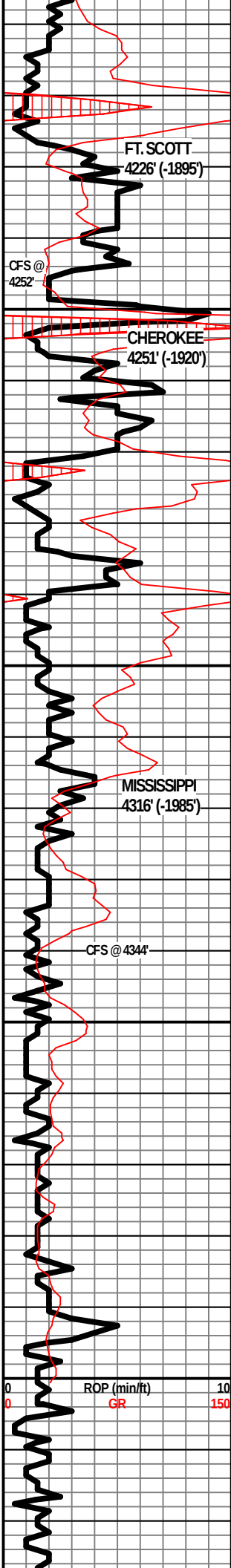
LS - LT GY / GY, F / M XLN, MOD DNS / DNS, FOSS IN PT

LS - GY, F / M XLN, MOD DNS / DNS

LS - GY, F XLN, MOD DNS / DNS, V HOMOGENEOUS

WT 9.05
VIS 47
LCM 1#
FILT 8.0
CHL 2,000

WT 9.0
VIS 47
LCM 1#



LS - DK GY, F XLN, MOD DNS, ARG

SH - BLK, CARB

LS - CRM / TAN, F / M XLN, FOSS, P / F INTERXLN POR, FSFO IN PT, SLI SHO OF GAS, SLI CUP ODOR, BRI YEL-GRN FLUOR IN SHO ROCKS, PRED V DNS

LS - GY / TAN / CRM, F / M XLN, V DNS, FOSS IN PT

LS - TAN / CRM, F XLN, F / G INTERXLN & VUG POR, FSFO, G SHO OF GAS BUB, F CUP ODOR, BRI YEL-GRN FLUOR, ABUND OIL SHEEN, SOME ROCKS BARREN OR W/ JUST OIL SHEEN & GAS BUB

SH - BLK, CARB, W/ LS - TAN / GY, F XLN, MOD DNS / DNS, FOSS

LS - CRM / TAN, F / M XLN, DNS, P INTERXLN POR IN FEW PIECES, VSSFO, NO ODOR, BRI YEL-GRN FLUOR

LS - CRM, F / M XLN, VF IN PT, PRED DNS / MOD DNS, SUBCHKY IN FEW PIECES, FOSS IN PT

SH - BLK / GRN / GY

SH - GRN / GR, W/ LS - CRM, F / M XLN, DNS / MOD DNS, FOSS

SH - TURQ / GRN / GY / PURP / YEL, SNDY IN PT, W/ SCAT CHT - YEL / TAN, FRSH, TRANSLUCNT

CHT - YEL / TAN, FRSH, TRANSLUCNT, W/ SH - GRN / GY / PURP / YEL

SH - MAR / GRN / GY / PURP / YEL, W/ CHT - TAN / GY, OPAQ, P WEATH POR IN PT, VSSFO, SLI ODOR

DOLO - CRM / TAN, F / M XLN, P / F / G INTERXLN & VUG POR, GSFO, G CUP ODOR, BRI YEL-GRN FLUOR

DOLO - PRED CRM, TAN IN PT, F / M XLN, P / F INTERXLN & VUG POR IN PT, PRED DNS, SSFO, F CUP ODOR, BRI YEL-GRN FLUOR IN SHO ROCKS, FEW PIECES ARG W/ GRN SH

DOLO - CRM / TAN, F / M XLN, P / F / G INTERXLN POR, VUG POR IN PT, INTERPART POR IN PT, FOSS, FSFO, G CUP ODOR, BRI YEL-GRN FLUOR, W/ SH - GRN

DOLO - TAN, F / M XLN, ABUND FOSS, F / G INTERXLN POR, ABUND OF VUGS & FOSS MOLD POR, SUCR IN FEW PIECES, FSFO, G CUP ODOR, BRI YEL-GRN FLUOR

DOLO - TAN / CRM / LT GY, F / M XLN, FOSS, F / G INTERXLN POR, F / G VUG AND FOSS MOLD POR, SSFO IN PT, BARREN IN PT

DOLO - TAN / CRM / LT GY, F / M XLN, FOSS, F INTERXLN POR, F VUG AND FOSS MOLD POR, SSFO IN FEW PIECES, PRED BARREN, W/ FEW PIECES OF DOLO - WHT, V CHKY

DOLO - TAN / LT GY, F / M XLN, FOSS, P / F INTERXLN POR, P / F VUG AND FOSS MOLD POR, DNS IN PT, NSFO

WT 9.3
VIS 45

WT 9.3
VIS 54

DST #1 MISSISSIPPIAN
4292' - 4344'
15"-30"-45"-90"

IF: BOB in 11 min, built to 14.75"
ISI: Surface blow, built to 3/4"
FF: BOB in 11 min, built to 38"
FSI: Surface blow, built to 1/2"

Rec'd: 63' OCM (20% O, 80% M), 126' OCM (10% O, 90% M), 126' MCGO (15% M, 80% O, 5% M), 199' GO (10% G, 90% O)

SIP: 1280-1310#
FP: 38-99#, 107-208#
HP: 2148-2049#

WT 9.3
VIS 59
LCM 1#

WT 9.2
VIS 68





1013 240th AVENUE • HAYS, KANSAS 67601 • 785-621-2135

Sutton #8

2627

CHARGE TO: Pickrell Drilling Company Inc Date 6-17-22
ADDRESS _____
R/A SOURCE NO. _____ CUSTOMER ORDER NO. Verbal NW
LEASE AND WELL NO. Sutton C no 8 FIELD _____
NEAREST TOWN Ness City COUNTY Ness STATE Kansas
SPOT LOCATION _____ SEC. 8 TWP. 18S RANGE 29W
ZERO 9' AGL CASING SIZE 5 1/2 WEIGHT _____
CUSTOMER'S T.D. 4440 LOG-TECH TD 4388 FLUID LEVEL 3800
ENGINEER S. Clermond OPERATOR R. Bollig

PERFORATING						
Description		No. Shots	Depth		Amount	
			From	To		
Perforate 4"		20	4338	4343	3730	00
5 x 4 spf		40	4318	4328	5530	00
10 x 4 spf						

DEPTH AND OPERATIONS CHARGES						
Description		Depth		Total No. Pt	Price Per Pt	Amount
		From	To			

MISCELLANEOUS			
Description		Quantity	Amount
Service Charge <u>Truck Rental 901</u>		1	1500 00
T.J.			
A.O.L.			
S.J.			
F.J.			
T.W.T.			

PRICES SUBJECT TO CORRECTION BY BILLING DEPARTMENT

RECEIVED THE ABOVE SERVICES ACCORDING TO THE TERMS AND CONDITIONS SPECIFIED ON THE REVERSE SIDE TO WHICH WE HEREBY AGREE.

..... Sub Total
..... Tax
..... Total

10760	00
60418	00

Customer Signature

Date

DATE	PAGE
5/31/2022	1

PAGE NO.

CUSTOMER

WELL NO. 12

LEASE

JOB TYPE

TICKET NO.

CUSTOMER Pickrell Drlg Co

WELL NO. C #8

LEASE
Sutton C

JOB TYPE Surface Pipe

TICKET NO. 34712

[illegible]



TICKET 34712

CHARGE TO: Pickrell Dtg Co
ADDRESS
CITY, STATE, ZIP CODE

PAGE 1 OF 1

SERVICE LOCATIONS
1. Ness City, KS
2.
3.
4.
REFERRAL LOCATION

WELL/PROJECT NO. #8
TICKET TYPE ☒ SERVICE ☐ SALES
WELL TYPE Oil
WELL CATEGORY Development
WELL PERMIT NO. 1-W-N-1170

LEASE Sutton C
CONTRACTOR Co Tool
RIG NAME/NO. Ness
JOB PURPOSE Surface Pipe
CITY Ness
STATE KS
SHIPPED VIA CT
DATE 5/31/2020
ORDER NO.
WELL LOCATION Ness City 4 W 3 N

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY.	U/M				
575		1			MILEAGE				10 mi	5.00	50.00
576S		1			Pump Charge - Surface				1 job	1.100	1.100.00
325		1			Standard Cement				16.5 sks	15.00	247.50
279		1			Bentonite Gel				3 sks	40.00	120.00
278		1			Calcium Chloride				8 sks	40.00	320.00
290		1			D-Air				2 gal	42.00	84.00
581		1			Cement Service Charge				16.5 sks	2.00	330.00
582		1			Minimum Drilling Charge				1 job	350.00	350.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.
X

DATE SIGNED 5/31/2020 TIME SIGNED 1140 ☐ A.M. ☒ P.M.

REMIT PAYMENT TO:
SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
WE UNDERSTOOD AND MET YOUR NEEDS?
OUR SERVICE WAS PERFORMED WITHOUT DELAY?
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?
ARE YOU SATISFIED WITH OUR SERVICE? ☐ YES ☐ NO
☐ CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 1 4849

TAX

TOTAL

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR Gordon Frenck APPROVAL

Thank You!

SWIFT Services, Inc.

DATE	PRICE NO
5/31/2022	1

CUSTOMER Pickrell Plc Co	WELL NO. G #8	LEASE Sutton C	JOB TYPE Surface Pipe	TICKET NO. 34712
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CUSTOMER Pickrell Plc Co	WELL NO. G #8	LEASE Sutton C	JOB TYPE Surface Pipe	TICKET NO. 34712
-----------------------------	------------------	-------------------	--------------------------	---------------------

CUSTOMER Pickrell Plc Co	WELL NO. G #8	LEASE Sutton C	JOB TYPE Surface Pipe	TICKET NO. 34712
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CUSTOMER Pickrell Plc Co	WELL NO. G #8	LEASE Sutton C	JOB TYPE Surface Pipe	TICKET NO. 34712
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CUSTOMER Pickrell Plc Co	WELL NO. G #8	LEASE Sutton C	JOB TYPE Surface Pipe	TICKET NO. 34712
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[illegible]



CHARGE TO: Pickrell Dtg Co
ADDRESS
CITY, STATE, ZIP CODE

TICKET **34718**

PAGE 1 OF 2

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. <u>Ness City, KS</u>	<u>#8</u>	<u>Sutton C</u>	<u>Ness</u>	<u>KS</u>	<u>Ness City</u>	<u>6/7/2022</u>	
2.	TICKET TYPE ☒ SERVICE ☐ SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
3.	<u>Oil</u>	<u>Co Tools</u>		<u>CT</u>	<u>LOCATION</u>		
4.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
REFERRAL LOCATION	INVOICE INSTRUCTIONS	<u>Development</u>	<u>Long String</u>		<u>Ness City, 4-41 3-N</u>		
					<u>1-42N-INTC</u>		

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE		AMOUNT	
		LOC	ACCT	DF									
575		1			MILEAGE					10	mi	7.00	70.00
578		1			Pump Charge - Long String					1	job	1,600.00	1,600.00
404		1			Port Collar			5 1/2	IN	1	EA	2,500.00	2,500.00
402		1			Centralizers			5 1/2	IN	10	EA	85.00	850.00
403		1			Cement Baskets			5 1/2	IN	2	EA	300.00	600.00
406		1			Latch Down Plug + Baffle			5 1/2	IN	1	EA	250.00	250.00
407		1			Insert Floor Shoe w/ Auto fill			5 1/2	IN	1	EA	350.00	350.00
419		1			Rotating Head Rental			5 1/2	IN	1	job	250.00	250.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER FOR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.

DATE SIGNED 6/7/2022 TIME SIGNED 9:45 ☐ A.M. ☒ P.M.

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR

APPROVAL

Thank You!

REMIT PAYMENT TO:

SWIFT SERVICES, INC.

P.O. BOX 466

NESS CITY, KS 67560

785-798-2300

SURVEY	AGREE	UNDECIDED	DISAGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				1
WE UNDERSTOOD AND MET YOUR NEEDS?				2
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Total
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
ARE YOU SATISFIED WITH OUR SERVICE?	☐ YES	☐ NO		
☐ CUSTOMER DID NOT WISH TO RESPOND				

TAX

TOTAL

667.94

1333.94



TICKET No. 34718

Ness City, KS 67560 Off: 785-798-2300		CUSTOMER Pickrell Dalg		WELL Sutton C #8		DATE 6/17/2020		PAGE 2		OF 2		
PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	U/M	QTY	U/M		
325		1				Standard Cement	175	sk	15		2.625	
284		1				Cal Seal	8	sk	50		400	
283		1				SALT	900	lbs	0.25		225	
400 MB		1				HALAD-322	100	lbs	9		900	
276		1				Flocele	50	lbs	3		150	
281		1				Mud Flush	500	gal	2		1,000	
221		1				Liquid KCL	2	gal	25		50	
290		1				D-Air	3	gal	42		126	
581						SERVICE CHARGE						
582						MILEAGE CHARGE						
						TOTAL WEIGHT	175		2		350	
						LOADED MILES	MIN Charge		350		350	
						CUBIC FEET	TON MILES					
CONTINUATION TOTAL												6176

TICKET NO. 34718

Sudeen, MARK, ISAAC



CHARGE TO: Pickrell Dclg Co
ADDRESS
CITY, STATE, ZIP CODE

TICKET **34606**

PAGE 1 OF 1

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. <u>Ness City, KS</u>	<u># 8</u>	<u>Sutton</u>	<u>Ness</u>	<u>KS</u>	<u>Ness City</u>	<u>6/16/2022</u>	
2.	TICKET TYPE	CONTRACTOR	RIG NAME/NO.	SHIPPED	DELIVERED TO	ORDER NO.	
	☒ SERVICE	<u>Mobile</u>		<u>CT</u>	<u>LOCATION</u>		
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE		WELL PERMIT NO.	WELL LOCATION	
	<u>Oil</u>	<u>Development</u>	<u>Port Collar</u>			<u>Ness City, 4-W</u>	
4.	INVOICE INSTRUCTIONS					<u>3-N, 1-W, 2-N-INTD</u>	

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.		QTY.		QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT		U/M	U/M	U/M	U/M	U/M	U/M		
575		1		MILEAGE				10	mi		7.00	70.00
576D		1		Pump Charge - Port Collar				1	job		1,600.00	1,600.00
330		1		Swift Multi-Density Cement				145	sks		19.50	2827.50
276		1		Flocele				50	lbs		3.00	150.00
290		1		D-Air				2	gal		42.00	84.00
105		1		Port Collar Tool Rental				1	job		300.00	300.00
581		1		Cement Service Charge				200	sks		2.00	400.00
582		1		Minimum Drayage Charge				1	EA		350.00	350.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.	REMIT PAYMENT TO:	SURVEY	AGREE	UNDECIDED	DISAGREE	PAGE TOTAL
MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.	SWIFT SERVICES, INC. P.O. BOX 466 NESS CITY, KS 67560 785-798-2300	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				
		WE UNDERSTOOD AND MET YOUR NEEDS?				
		OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
		WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
		ARE YOU SATISFIED WITH OUR SERVICE?	☐ YES	☐ NO		
		☐ CUSTOMER DID NOT WISH TO RESPOND				
		TOTAL				2181.50
		TOTAL				6000.00

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR Gordon Funch APPROVAL

Thank You!

CUSTOMER

CUSTOMER
Pickrell Drlg Co

WELL NO.

WELL NO. # 8

LEASE

LEASE
SUTTON C

JOB TYPE	
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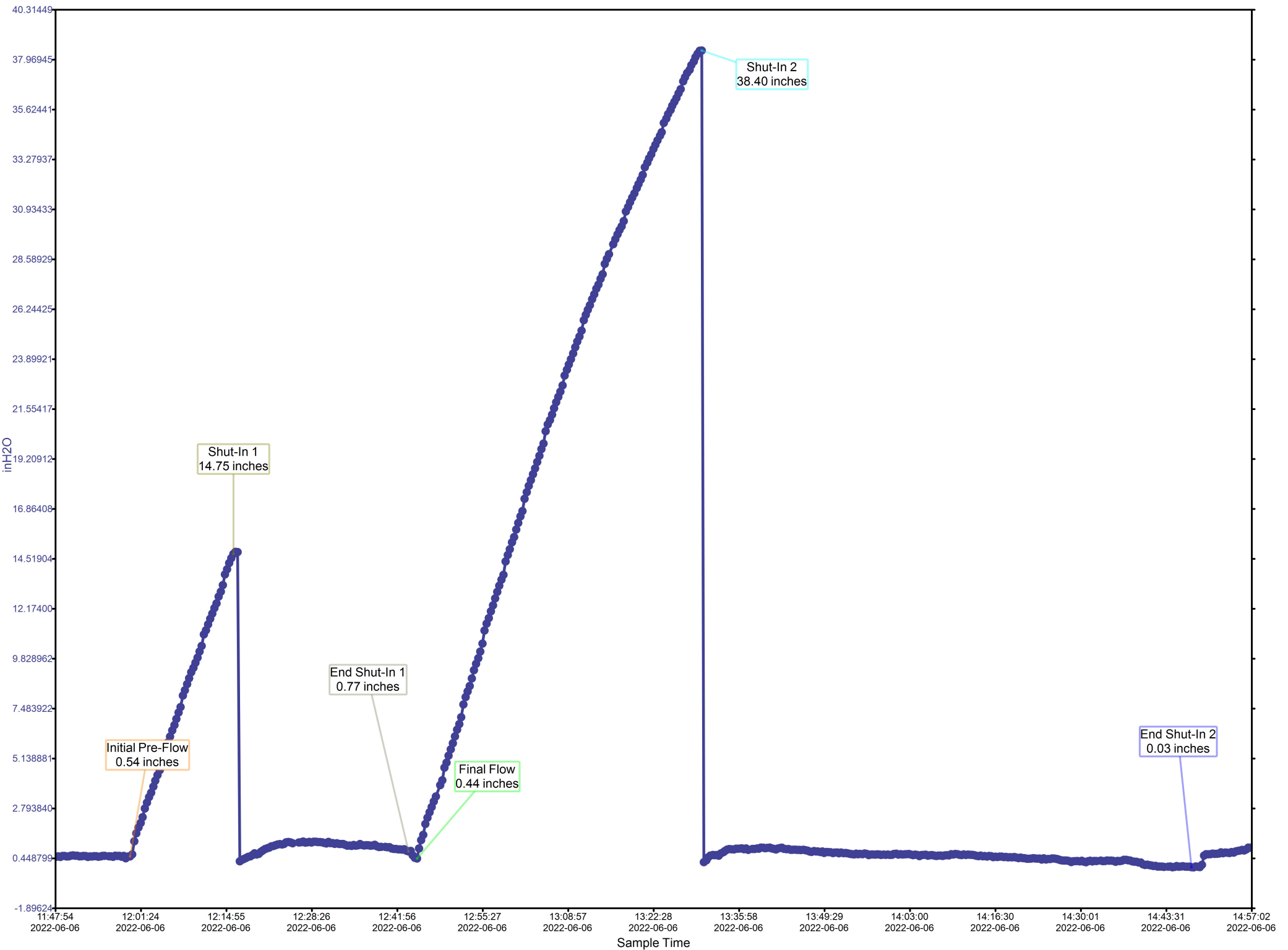
JOB TYPE
Port Collar

TICKET NO.

TICKET NO. 34606

[illegible]

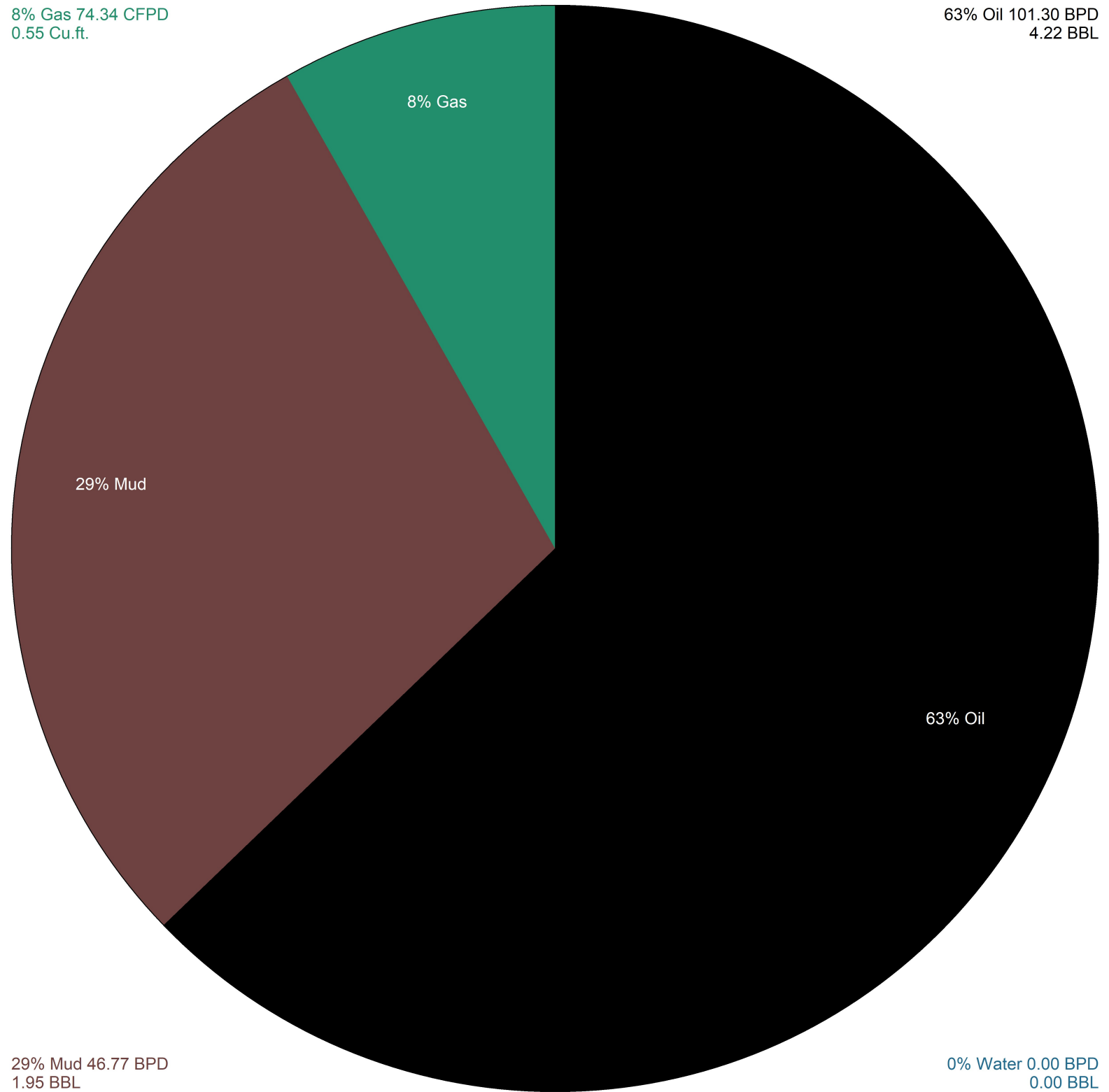
Pickrell Drilling CO. - Sutton C 8 - DST #1



Calculated Recovery Analysis - Pickrell Drilling CO. - Sutton C 8 - DST #1

8% Gas 74.34 CFPD
0.55 Cu.ft.

63% Oil 101.30 BPD
4.22 BBL



29% Mud 46.77 BPD
1.95 BBL

0% Water 0.00 BPD
0.00 BBL



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Pickrell Drilling Co Inc

100 s Main Ste 505
Wichita, Ks 67202

ATTN: Aaron Young

8-18s-24w Ness Ks

Sutton C #8

Job Ticket: 68797

DST#: 1

Test Start: 2022.06.06 @ 09:40:37

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:02:37

Time Test Ended: 18:17:07

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

Interval: 4292.00 ft (KB) To 4344.00 ft (KB) (TVD)

Total Depth: 4344.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2331.00 ft (KB)

2324.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8674 Outside

Press@RunDepth: 207.95 psig @ 4293.00 ft (KB)

Start Date: 2022.06.06

End Date:

2022.06.06

Start Time: 09:40:42

End Time:

18:17:07

Capacity: 8000.00 psig

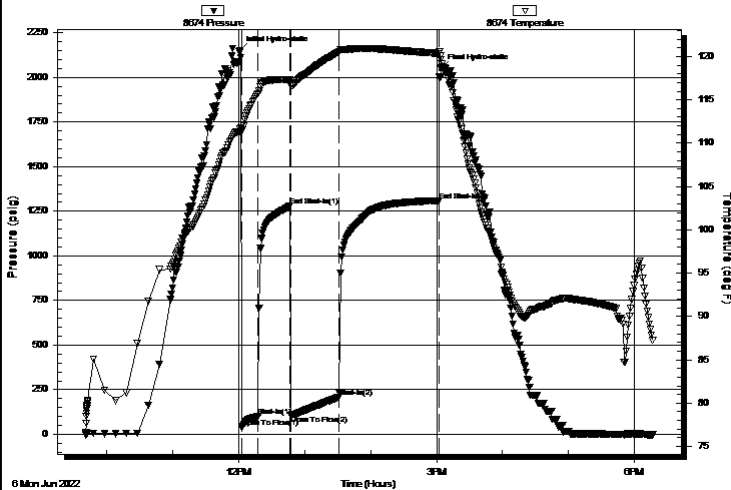
Last Calib.: 2022.06.06

Time On Btm: 2022.06.06 @ 12:01:07

Time Off Btm: 2022.06.06 @ 15:04:07

TEST COMMENT: IF: BOB in 11 mins. 14 3/4"
IS: Surface blow built to 3/4.
FF: BOB in 11 mins. 38"
FS: Surface blow built to 1/2. 15-30-45-90

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2147.89	111.62	Initial Hydro-static
2	37.76	111.45	Open To Flow (1)
17	98.94	115.73	Shut-In(1)
46	1279.53	117.35	End Shut-In(1)
47	106.77	116.68	Open To Flow (2)
90	207.95	120.52	Shut-In(2)
181	1309.78	120.36	End Shut-In(2)
183	2049.03	119.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	ocm 20%o 80% m	0.31
126.00	ocm 10%o 90% m	1.30
126.00	mcgo 15%g 80%o 5% m	1.77
199.00	go 10%g 90%o	2.79
0.00	242 GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Pickrell Drilling Co Inc

100 s Main Ste 505
Wichita, Ks 67202

ATTN: Aaron Young

8-18s-24w Ness Ks

Sutton C #8

Job Ticket: 68797

DST#: 1

Test Start: 2022.06.06 @ 09:40:37

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:02:37

Time Test Ended: 18:17:07

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

Interval: 4292.00 ft (KB) To 4344.00 ft (KB) (TVD)

Total Depth: 4344.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2331.00 ft (KB)

2324.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8790 Inside

Press@RunDepth: psig @ 4293.00 ft (KB)

Start Date: 2022.06.06

End Date:

2022.06.06

Start Time: 09:40:07

End Time:

18:16:32

Capacity: 8000.00 psig

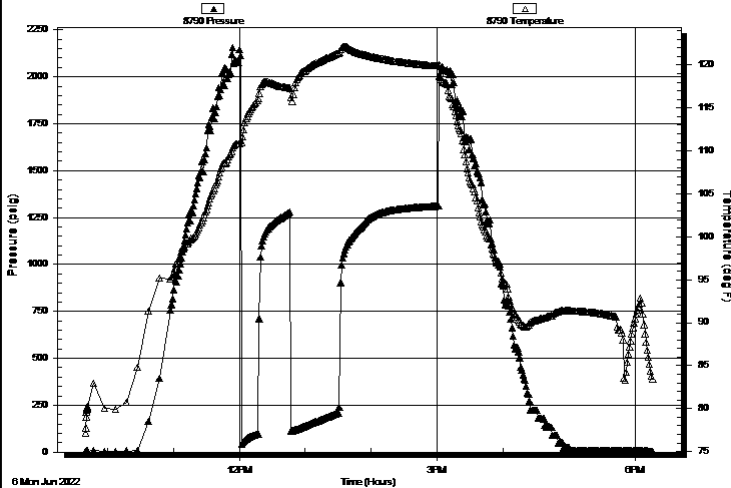
Last Calib.: 2022.06.06

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: BOB in 11 mins. 14 3/4"
IS: Surface blow built to 3/4.
FF: BOB in 11 mins. 38"
FS: Surface blow built to 1/2. 15-30-45-90

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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Recovery

Length (ft)	Description	Volume (bbl)
63.00	ocm 20%o 80%m	0.31
126.00	ocm 10%o 90%m	1.30
126.00	mcgo 15%g 80%o 5%m	1.77
199.00	go 10%g 90%o	2.79
0.00	242 GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Co Inc

8-18s-24w Ness Ks

100 s Main Ste 505
Wichita, Ks 67202

Sutton C #8

Job Ticket: 68797

DST#: 1

ATTN: Aaron Young

Test Start: 2022.06.06 @ 09:40:37

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 8.79 in³

Resistivity: 0.00 ohm.m

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

34 deg API

0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	ocm 20%o 80%m	0.310
126.00	ocm 10%o 90%m	1.303
126.00	mcgo 15%g 80%o 5%m	1.767
199.00	go 10%g 90%o	2.791
0.00	242 GIP	0.000

Total Length: 514.00 ft

Total Volume: 6.171 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

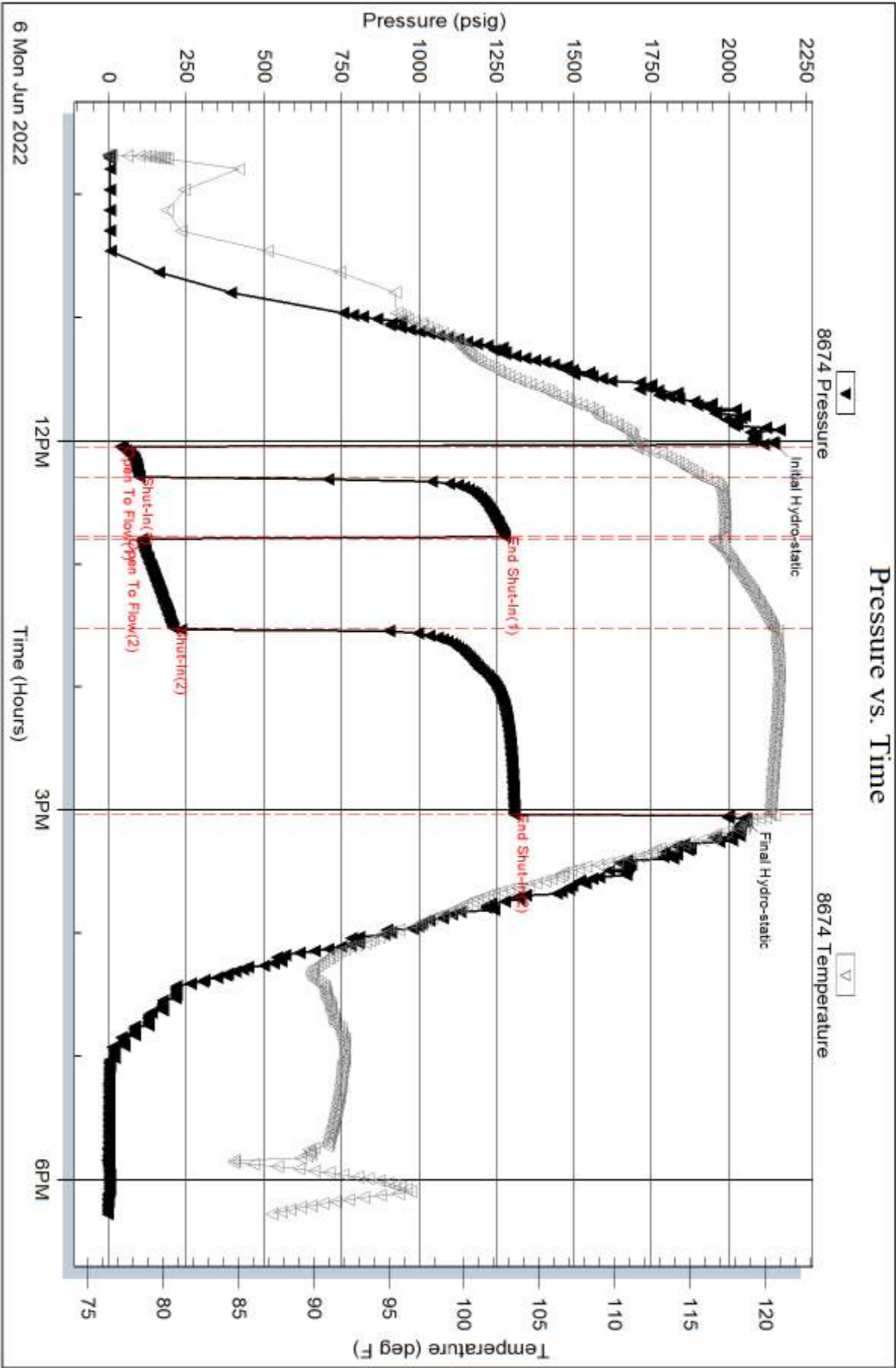
Recovery Comments: 37@90=34

Serial #: 8674

Outside Pickrell Drilling Co Inc

Sutton C#8

DST Test Number: 1



Serial #: 8790

Inside

Pickrell Drilling Co Inc

Sutton C #8

DST Test Number: 1

