

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(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 #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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

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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Jolen Operating Company
Well Name	KREGAR 1-34
Doc ID	1389789

All Electric Logs Run

Mud
Microresistivity
Dual Comp. Porosity
Dual Induction
Borehole Compensated Sonic

JOLEN OPERATING COMPANY

Christopher D. Althoff

100 N. Broadway Ave. Suite 2460 OKC, OK
Office: 405-235-8444 Ext. 24/Cell: 405-637-7824
Email: ACEalthoff@outlook.com

GEOLOGICAL REPORT KREGAR I-34 NE NE NE, SECTION 34-29S-22W FORD COUNTY, KS

Summary

The above captioned well was drilled to a total depth of 5,450 feet on Feb. 13, 2018. A one-man logging unit and geologist were on location from 4,100 feet to TD. At TD, Pioneer electric logs were run that consisted of Dual Induction, Compensated Neutron-Density, Sonic Log, and Micro-log. From the data collected while drilling and analyzing, hydrocarbon shows were encountered in the Mississippian St. Louis Dolomite, and the Mississippian St. Louis Oolite.

St Louis

The top of the Mississippian is the St. Louis formation and was cut at 5,257 feet (-2,828). This is high to both the offset show wells the Siebel 'A' I with St. Louis cut at (-2,840) and the Butz 'B' I with the St. Louis cut at (-2,847). Throughout the upper St. Louis interval there was free oil in the samples with cherty tripolitic limestone and oolitic limes with oil stain, flash yellow streaming milky cut with heavy yellow residual ring. There were also several gas kicks and drill offs in this upper part of the St. Louis. *Note: The Rooster Rig gas detector was malfunctioning during this interval, but repaired quickly with no additional problems below 5,310 feet. From 5,300 to 5,310 feet an oolitic limestone was cut which has good microlog, porosity and resistivity, a 72 Unit Gas Kick, and free oil released in the samples. Samples cut flash, milky going to streaming cut with yellow fluorescence from oil stained oolites and dolomitic lime.

At 5,320 to 5,330 feet a 1,002 Unit Gas Kick with free oil released into the samples from the St. Louis Dolomite. Samples were described as dolomite light buff, very fine grain, very finely oolitic, some chert with dark brown staining, flash, thick streaming, milky cut with yellow residual ring. From 5,350 to 5,396 the lower St. Louis Dolomites had ratty gas kicks and decreasing quality of shows.

Two drill stem tests were run over the St. Louis interval. The first DST was run from 5,263-5,324 feet and recovered 2,170 feet of gas in the pipe with 181 feet of slight gas and oil cut mud and 25 feet of gas cut mud. The pressure readings were: 33-74/70-87 flowing pressures, 1,575-1,491 shut-in pressures, with flow times and shut-in times of 30-60-30-60 minutes. The second test was run from 5,300-5,335 feet and recovered 124 feet of

mud cut water and 65 feet of slight oil and water cut mud. The pressure readings were: 24-62/68-101 flowing pressures, 1,564-1,531 shut-in pressures, with flow times and shut-in times of 30-60-45-90 minutes.

Conclusion

It is recommended to set pipe and production test the Kregar I-34. The Kregar I-34 had good shows of oil and gas, including free oil in the samples throughout the St. Louis. The logs show good porosity and permeability over the St. Louis, have mud-cake over the targeted perf's, and log calculations indicate recoverable reserves of 102,752 BO from 5,280-5,330.

It is believed the DST results point to formation damage from the mud. This helps explain why this reservoir has been overlooked until Vincent Oil Company's discovery of Kingsdown NW and Mulberry Creek in the 2009-2010 time-frame. In fact, based on conversations with Vincent Oil's mudlogger, Vincent planned to plug the Mulberry Creek discovery well based on the results of a DST, but instead ran pipe and swab tested. Since 2009, Vincent has produced more than 2 million barrels and 11 Bcf from the Mulberry Creek and Kingsdown NW Fields.

The Kregar I-34 was drilled as an up-dip offset to the Siebel 'A' 1 and the Butz 'B' 1 which both recorded shows in the St. Louis Dolomite. The gas kick of 1,000+ units is similar to the good producers in the Kingsdown NW and Mulberry Creek Fields. DST pressure readings were good at 1,550+, and are similar to DST pressure readings in the Kingsdown NW Field for wells that IP'd from 80-120 bopd. The shut-in pressures are also indicative of good reservoir rock over the interval, with gassier results in the upper part and oily results in the base, further suggesting a hydrocarbon trap at this location.

A typical production test in the Kingsdown NW and Mulberry Creek fields consisted of running casing to TD, perforating zones, acidizing, and allowing the well to set-up overnight. Wells were swabbed 1-2 days before either being placed on pump or plugged.

Respectfully Submitted,

Christopher D. Althoff
Petroleum Geologist

ELECTRIC LOG TOPS

	JOLEN KREGAR 1-34 NE NE NE 32-29S-22W	IMPERIAL OIL SIEBEL 'A' I C SE NE 16-30S-21W
BS. HEEBNER (Subsea)	4354 (-1925)	4377 (-1945)
LANSING (Subsea)	4511 (-2082)	4539 (-2107)
BS. STARK SH. (Subsea)	4879 (-2450)	4891 (-2459)
PAWNEE (Subsea)	5084 (-2655)	5092 (-2660)
CHEROKEE SH. (Subsea)	5132 (-2703)	5141 (-2709)
MISS. UNCON. (Subsea)	5257 (-2828)	5272 (-2840)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Jolen Operating Co

34-29S-22W Ford

100 N Broadway Ste 2460
Oklahoma City, OK 73102

Kregar 1-34

Job Ticket: 63360

DST#: 1

ATTN: Austin Garner/Dennis

Test Start: 2018.02.11 @ 20:40:41

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:03:13

Time Test Ended: 05:08:43

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 74

Interval: 5268.00 ft (KB) To 5330.00 ft (KB) (TVD)

Reference Elevations: 2430.00 ft (KB)

Total Depth: 5330.00 ft (KB) (TVD)

2417.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8875

Inside

Press@RunDepth: 86.21 psig @ 5269.00 ft (KB)

Capacity: psig

Start Date: 2018.02.11

End Date: 2018.02.12

Last Calib.: 2018.02.12

Start Time: 20:40:42

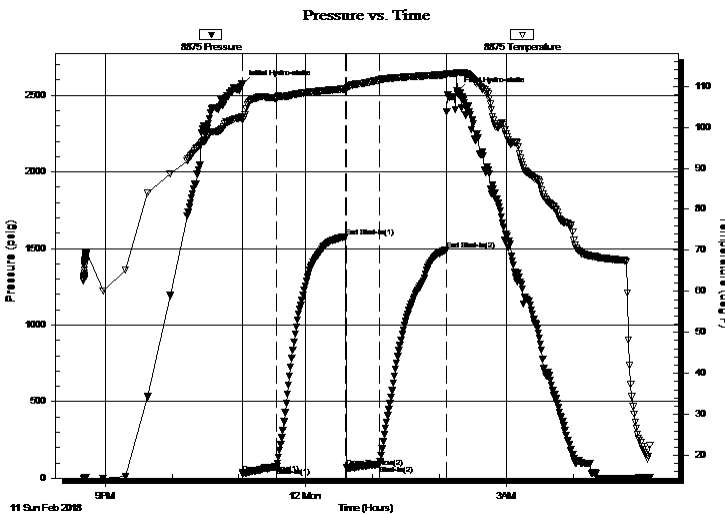
End Time: 05:08:43

Time On Btm: 2018.02.11 @ 23:02:58

Time Off Btm: 2018.02.12 @ 02:15:43

TEST COMMENT: IF: Strong Blow , BOB in 4 minutes, Built to 103 inches
IS: Blow Back Built to 23 inches
FF: Strong Blow , BOB in 10 seconds, Built to 196 inches
FS: Blow Back Built to 46 inches

PRESSURE SUMMARY



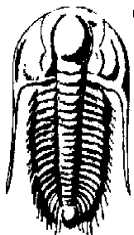
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2571.82	102.45	Initial Hydro-static
1	32.58	101.77	Open To Flow (1)
31	73.92	107.21	Shut-In(1)
93	1575.65	109.31	End Shut-In(1)
94	70.19	109.29	Open To Flow (2)
123	86.21	111.53	Shut-In(2)
184	1491.39	112.86	End Shut-In(2)
193	2526.49	113.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	2170 GIP	0.00
181.00	SGOCM 6%G 2%O 92%M	0.89
25.00	GCM 10%G 90%M	0.35

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Jolen Operating Co

34-29S-22W Ford

100 N Broadway Ste 2460
Oklahoma City, OK 73102

Kregar 1-34

Job Ticket: 63360

DST#: 1

ATTN: Austin Garner/Dennis

Test Start: 2018.02.11 @ 20:40:41

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:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7400.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	2170 GIP	0.000
181.00	SGOCM 6%G 2%O 92%M	0.890
25.00	GCM 10%G 90%M	0.351

Total Length: 206.00 ft

Total Volume: 1.241 bbl

Num Fluid Samples: 0

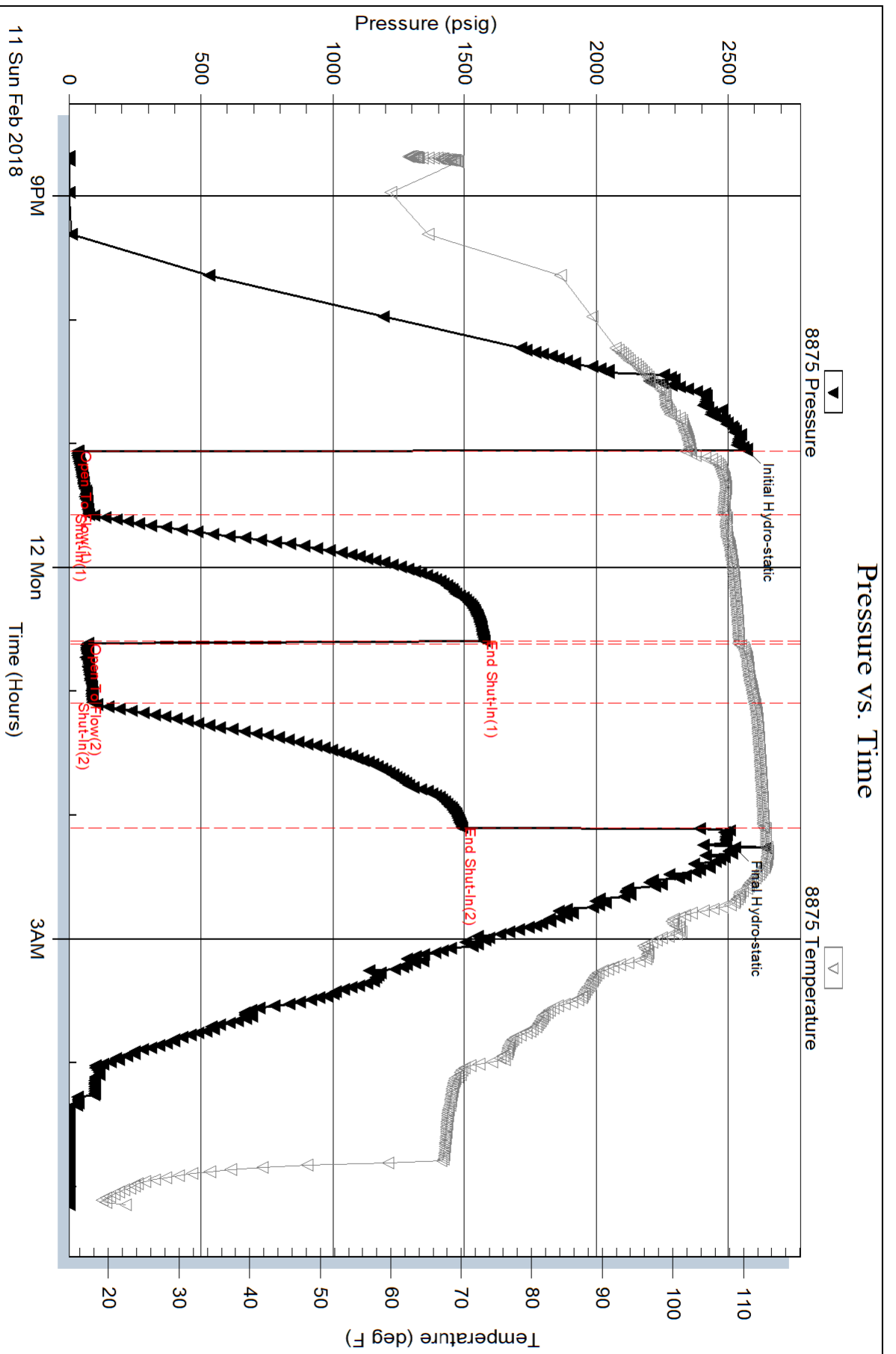
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

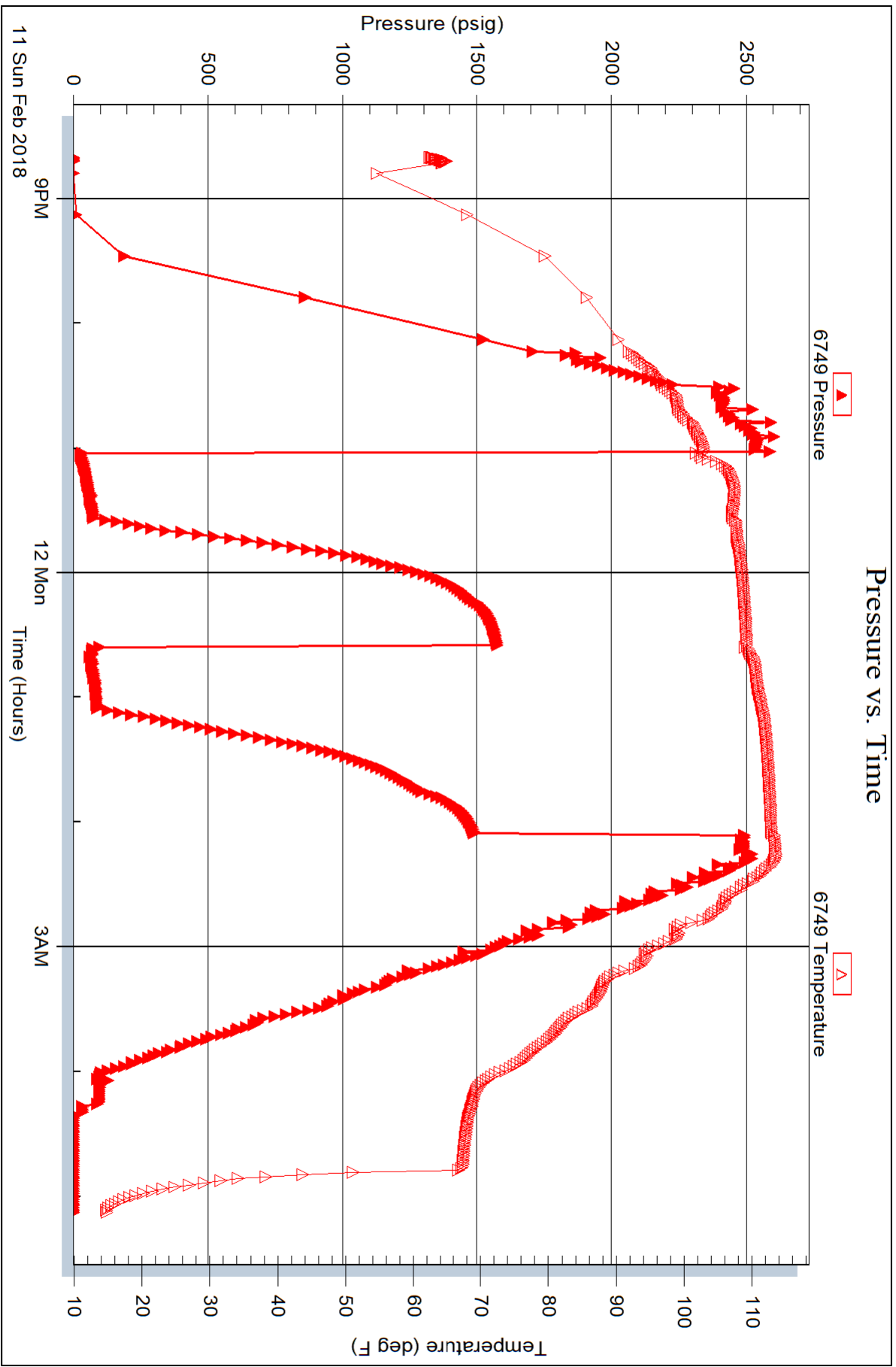


Serial #: 6749

Outside Jolen Operating Co

Kegarar 1-34

DST Test Number: 1





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Jolen Operating Co

34-29S-22W Ford

100 N Broadway Ste 2460
Oklahoma City, OK 73102

Kregar 1-34

Job Ticket: 63361

DST#: 2

ATTN: Austin Garner/Dennis

Test Start: 2018.02.13 @ 05:14:37

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:59:24

Time Test Ended: 14:10:39

Test Type: Conventional Straddle (Reset)

Tester: Leal Cason

Unit No: 74

Interval: 5300.00 ft (KB) To 5335.00 ft (KB) (TVD)

Reference Elevations: 2430.00 ft (KB)

Total Depth: 5445.00 ft (KB) (TVD)

2417.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8875

Inside

Press@RunDepth: 100.57 psig @ 5301.00 ft (KB)

Capacity: psig

Start Date: 2018.02.13

End Date:

2018.02.13

Last Calib.:

2018.02.13

Start Time: 05:14:38

End Time:

14:10:39

Time On Btm:

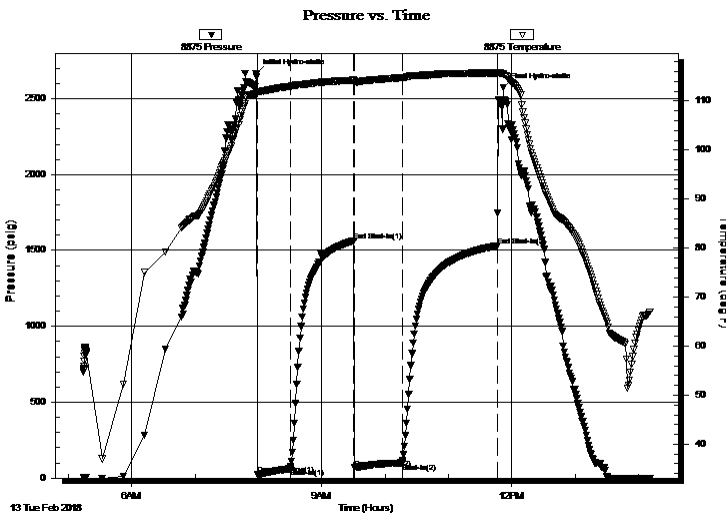
2018.02.13 @ 07:57:54

Time Off Btm:

2018.02.13 @ 11:52:09

TEST COMMENT: IF: Fair Blow, BOB in 20 minutes, Built to 11"
IS: No Blow Back
FF: Fair Blow, BOB in 26 minutes, Built to 16"
FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2662.09	111.48	Initial Hydro-static
2	24.11	111.56	Open To Flow (1)
32	62.34	113.00	Shut-In(1)
93	1563.89	114.20	End Shut-In(1)
94	67.89	113.78	Open To Flow (2)
138	100.57	114.73	Shut-In(2)
229	1531.02	115.76	End Shut-In(2)
235	2572.87	115.44	Final Hydro-static

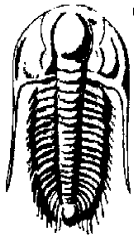
Recovery

Length (ft)	Description	Volume (bbl)
121.00	MCW 10%M 90%W	0.60
65.00	SOWCM 2%O 48%W 50%M	0.37

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Jolen Operating Co

34-29S-22W Ford

100 N Broadway Ste 2460
Oklahoma City, OK 73102

Kregar 1-34

Job Ticket: 63361

DST#: 2

ATTN: Austin Garner/Dennis

Test Start: 2018.02.13 @ 05:14:37

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:

59000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8500.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
121.00	MCW 10%M 90%W	0.595
65.00	SOWCM 2%O 48%W 50%M	0.365

Total Length: 186.00 ft Total Volume: 0.960 bbl

Num Fluid Samples: 0

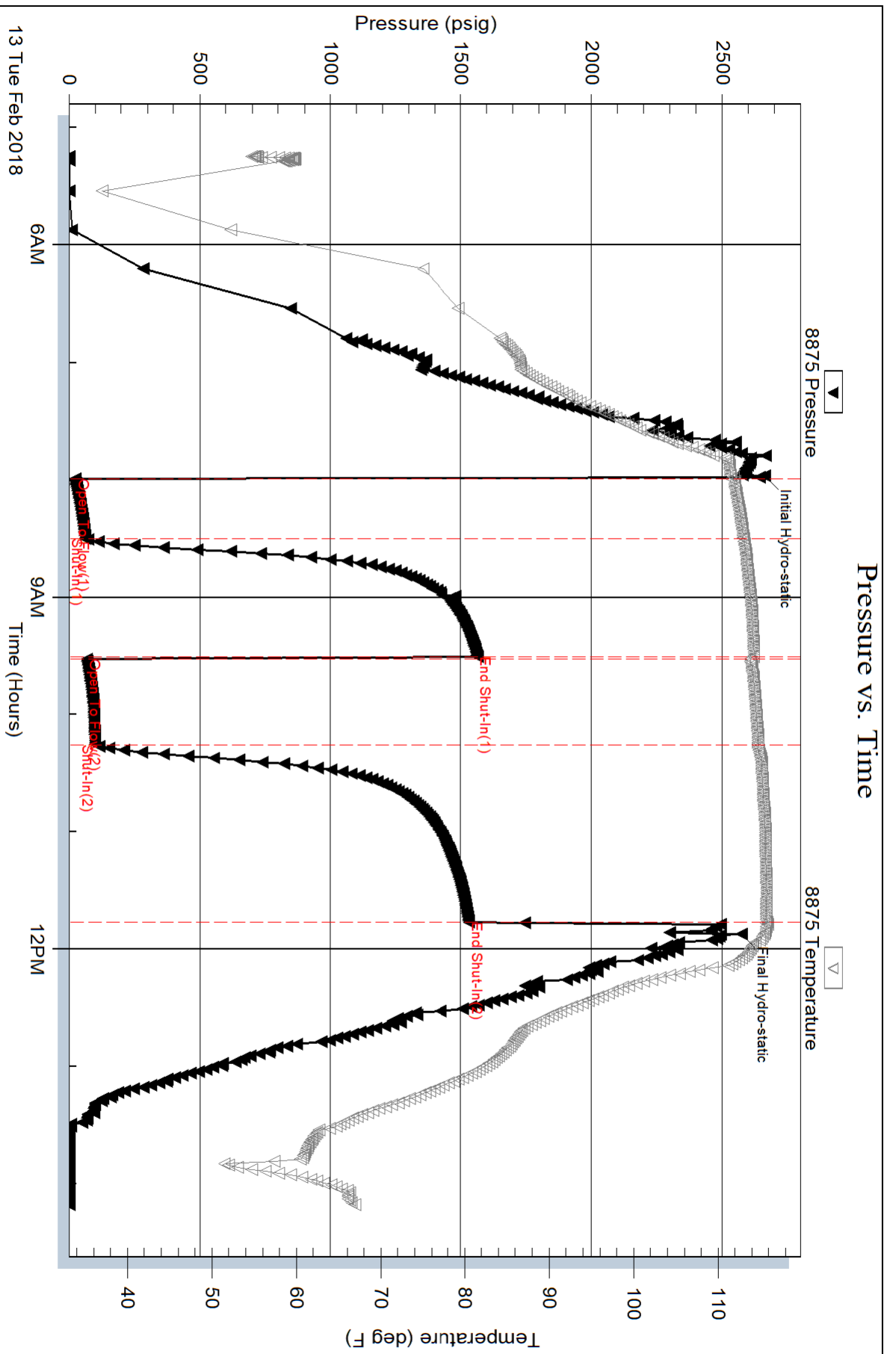
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW was .18 @ 50 degrees

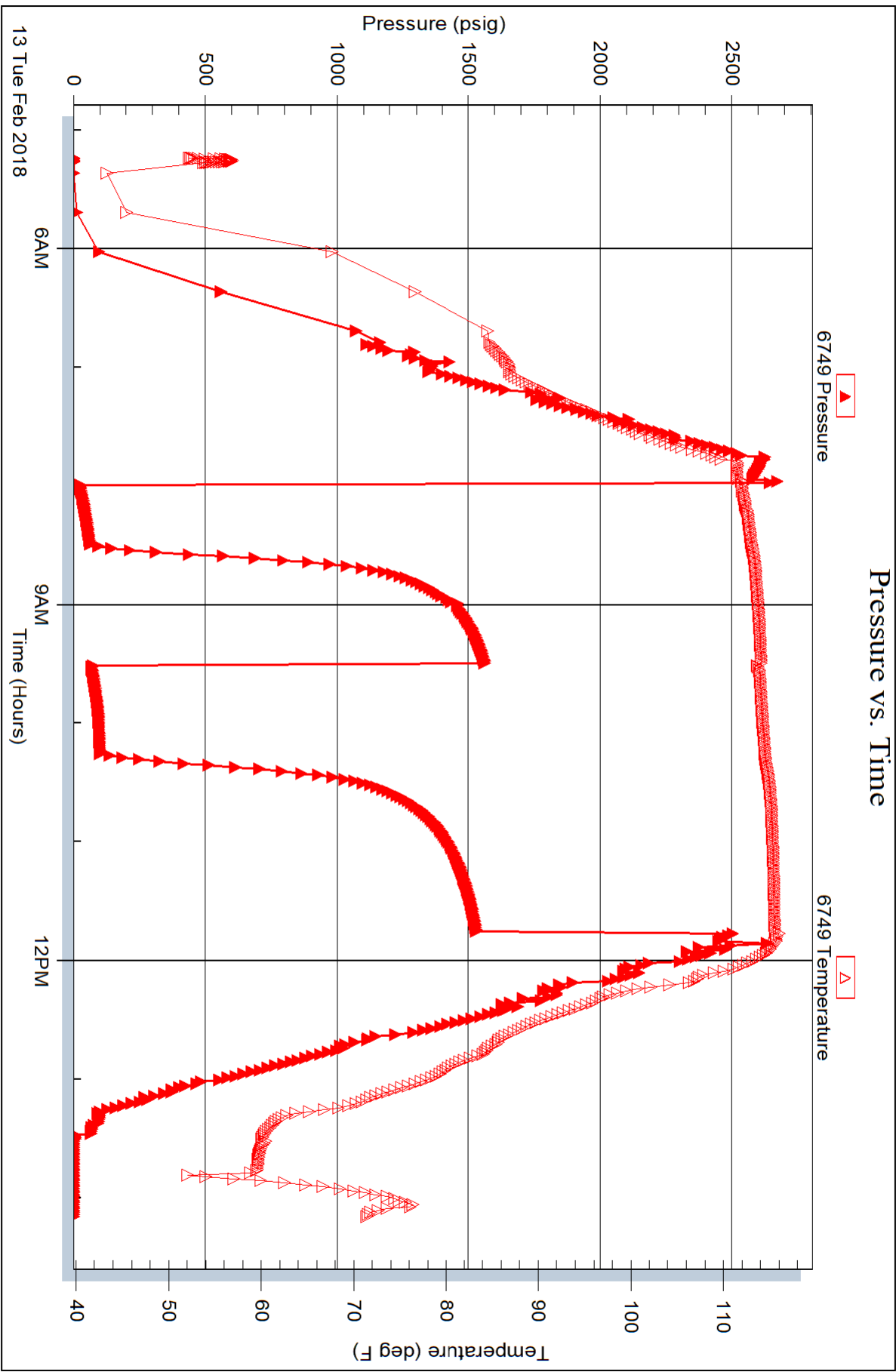


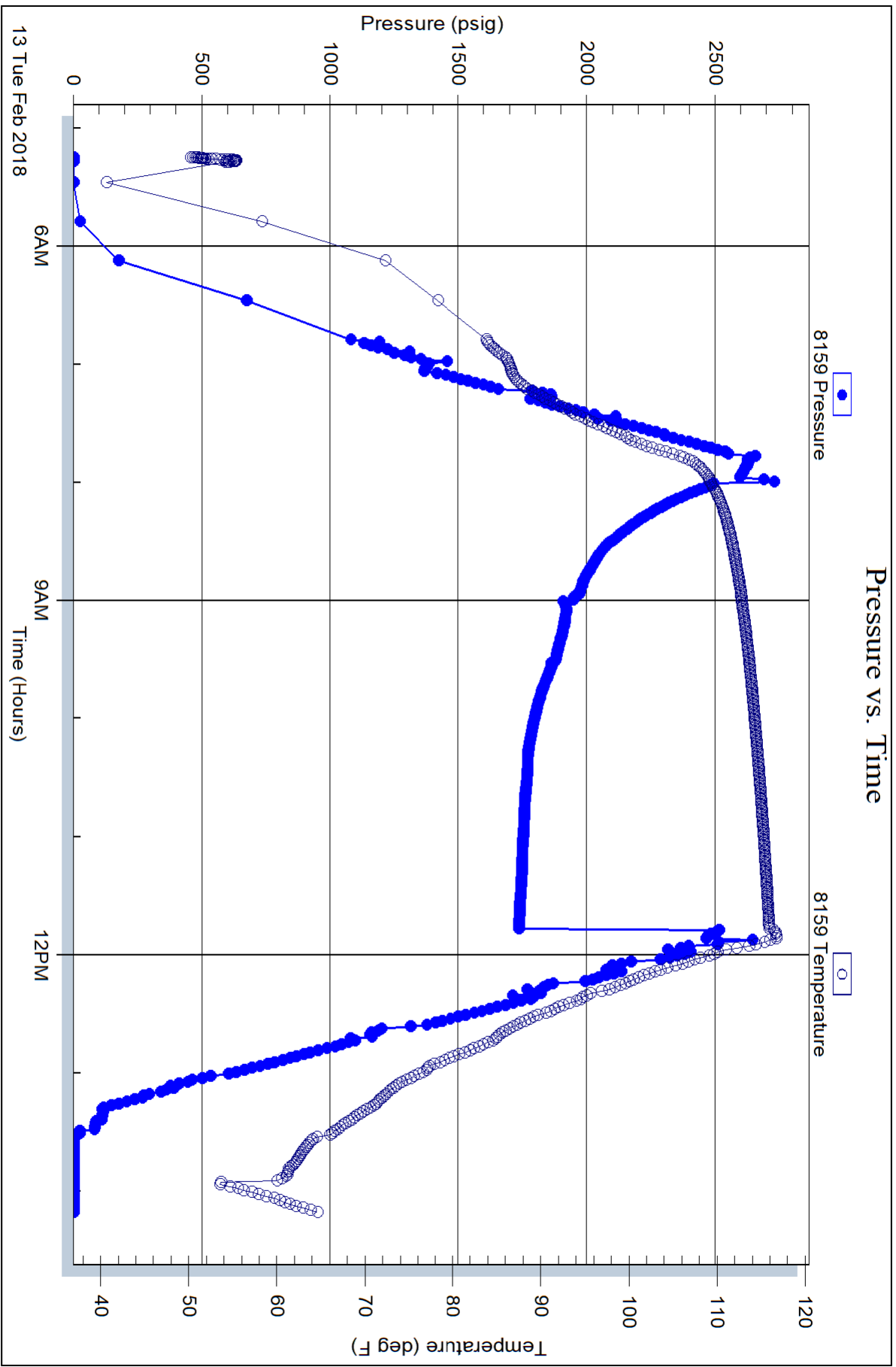
Serial #: 6749

Outside Jolen Operating Co

Kegar 1-34

DST Test Number: 2





MBC WELL LOGGING LLC

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

Well Name: KREGAR 1-34 JOLEN OPERATING
 Location: FORD COUNTY, KANSAS USA
 Licence Number: 31822
 Spud Date: 2-05-2018
 Surface Coordinates: 330'fnl 330'fel SEC 34-T29s-R22w NE/NE/NE
 Bottom Hole Coordinates: API-15-057-20993-00 PIONEER WLS
 Ground Elevation (ft): 2422 K.B. Elevation (ft): 2429
 Logged Interval (ft): 4200 To: 5450 Total Depth (ft): E-LOG5445
 Formation: LOWER MISS
 Type of Drilling Fluid: WMB ANCHOR DRLG FLUIDS GLENN REDMAN (405) 249-6188

Region: WILDCAT

Drilling Completed: 2-12-2018

DUKE 7 #5929, TP GALEN ROACH- DENNIS POPE CO-MAN

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






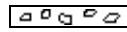


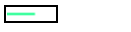

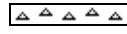
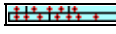


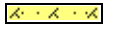






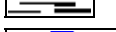

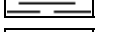










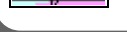


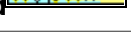
OPERATOR

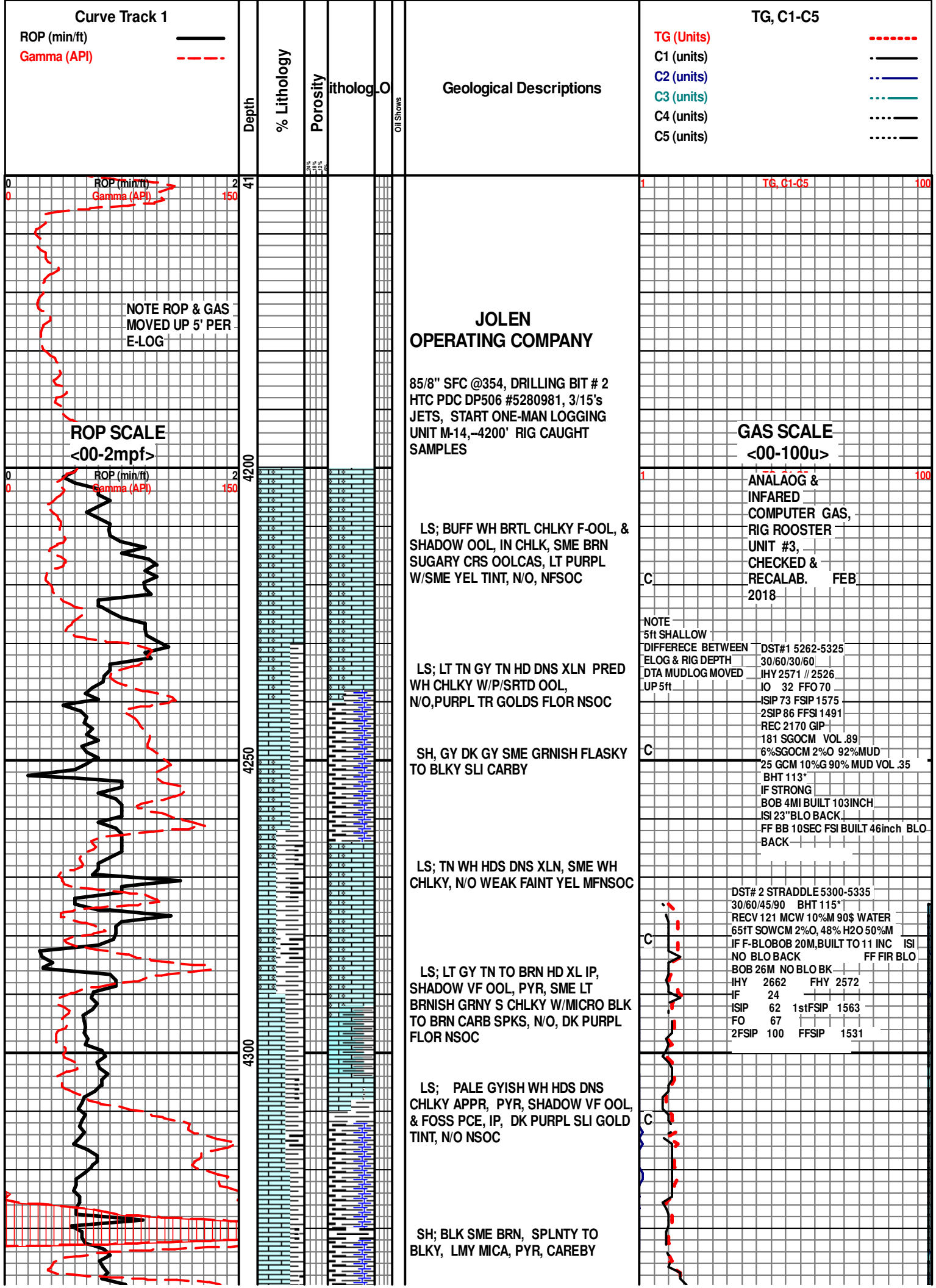
Company: JOLEN OPERATING COMPANY
 Address: ATTN CHRISTOPHER D. ALTHOFF GEOLOGIST
 100N BROADWAY AVE STE 2460
 OKLAHOMA CITY OKLAHOMA 73102-8868

MUDLOGGER

Name: AUSTIN GARNER --- CELL (620)-655-2016
 Company: MBC WELL LOGGING LLC (620)873-2953
 Address: 21156 RD 22
 MEADE, KANSAS 67864

ROCK TYPES

	Anhy		Ls & ooids		Sltst		Ss		Sndy-ls-1
	Brec		Oolitic ls -1		Salt		Grn sh strk		Calc shale
	Cht		Stgensndy-		Sndy sh--reg		Lmy sh-2		Granitewash
	Coal		New ls-1		Sndy sh		Grn mott gy		Ls shly-b
	Congl		Carby shale		Sltst-1		Shale-1		Poor sortd ss
	New dolomite		Lmy carby		Sltly-shale		Red sh-1		Snd-ls-sh
	Dolo new		Carb sh		Lmy ss-1		Stgensndy-arkos		
	Newdolo ls		Gyp		Arkosic snd		Sndy ool ls		



Curve Track 1

ROP (min/ft) ———
 Gamma (API) - - - - -

TG, C1-C5

TG (Units)
 C1 (units) ———
 C2 (units) - - - - -
 C3 (units)
 C4 (units)
 C5 (units)
 C6 (units)
 C7 (units)

Depth

% Lithology

Porosity

Litholog-O

Oil Shows

Geological Descriptions

NOTE ROP & GAS
 MOVED UP 5' PER
 E-LOG

ROP SCALE
 <00-2mpf>

GAS SCALE
 <00-100u>

**JOLEN
 OPERATING COMPANY**

85/8" SFC @354, DRILLING BIT # 2
 HTC PDC DP506 #5280981, 3/15's
 JETS, START ONE-MAN LOGGING
 UNIT M-14, -4200' RIG CAUGHT
 SAMPLES

LS; BUFF WH BRTL CHLKY F-OOL, &
 SHADOW OOL, IN CHLK, SME BRN
 SUGARY CRS OOLCAS, LT PURPL
 W/SME YEL TINT, N/O, NFSOC

LS; LT TN GY TN HD DNS XLN PRED
 WH CHLKY W/P/SRTD OOL,
 N/O, PURPL TR GOLDS FLOR NSOC

SH, GY DK GY SME GRNISH FLASKY
 TO BLKY SLI CARBY

LS; TN WH HDS DNS XLN, SME WH
 CHLKY, N/O WEAK FAINT YEL MFNSOC

LS; LT GY TN TO BRN HD XL IP,
 SHADOW VF OOL, PYR, SME LT
 BRNISH GRNY S CHLKY W/MICRO BLK
 TO BRN CARB SPKS, N/O, DK PURPL
 FLOR NSOC

LS; PALE GYISH WH HDS DNS
 CHLKY APPR, PYR, SHADOW VF OOL,
 & FOSS PCE, IP, DK PURPL SLI GOLD
 TINT, N/O NSOC

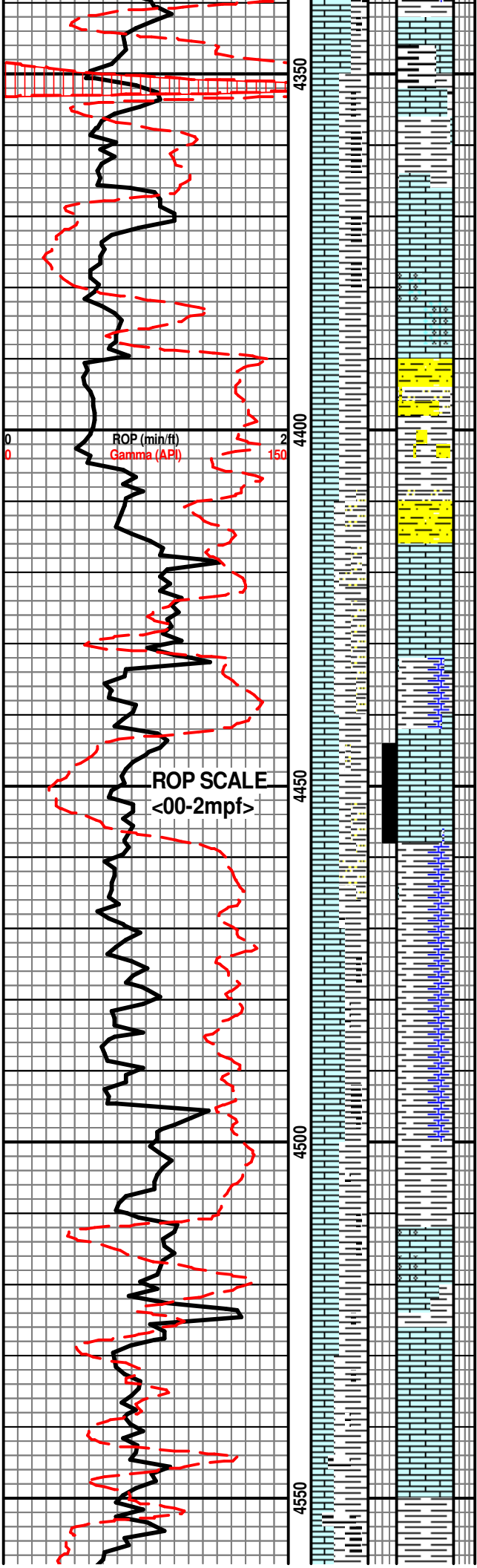
SH; BLK SME BRN, SPLNTY TO
 BLKY, LMY MICA, PYR, CAREBY

ANALOG &
 INFARED
 COMPUTER GAS,
 RIG ROOSTER
 UNIT #3,
 CHECKED &
 RECALAB. FEB
 2018

NOTE

5ft SHALLOW
 DIFFERRECE BETWEEN DST#1 5262-5325
 ELOG & RIG DEPTH 30/60/30/60
 DTA MUDLOG MOVED IHY 2571 // 2526
 UP 5ft IO 32 FFO 70
 ISIP 73 FSIP 1575
 2SIP 86 FFSI 1491
 REC 2170 GIP
 181 SGOCM VOL .89
 6%SGOCM 2%O 92%MUD
 25 GCM 10%G 90% MUD VOL .35
 BHT 113'
 IF STRONG
 BOB 4MI BUILT 103INCH
 ISI 23" BLO BACK
 FF BB 10SEC FSI BUILT 46inch BLO
 BACK

DST# 2 STRADDLE 5300-5335
 30/60/45/90 BHT 115'
 RECV 121 MCW 10%M 90\$ WATER
 65FT SOWCM 2%O, 48% H2O 50%M
 IF F-BLOBOB 20M, BUILT TO 11 INC ISI
 NO BLO BACK FF FIR BLO
 BOB 26M NO BLO BK
 IHY 2662 FHY 2572
 IF 24
 ISIP 62 1stFSIP 1563
 FO 67
 2FSIP 100 FFSIP 1531



TN HD DNS FOSS LS

HEEBNER SH 4346-1917ss
 BLK BRN CARB SH, LMY, HD TO SFT,
 SME MICA, SME PYR

GY GRNISH SFT TO BLLKY SH

TORONTO 4367-1938ss
 LS; WH/GY-TN HD DNS, COMNGHLD
 CHLK, SME FOSS, TR OOL, PYR, N/O
 PURPL W/YEL TUINT MFNSOC

DOUGLAS SH 4390-1961ss

SH; LT GY GY, HEAVY MICA, SLTY TO
 LT GY WH BRTL TO FLRI, SS/SLTST
 CLSUSTERS, CALC, MICA, PYR, BLK
 CARB LENS, BLK SME PURPL FLOR
 TR YEL TINT, N/O NSOC

LS; LT TN HD DFNS SPSAR CMTED
 FOSS PCES, PYR, NO SHOW

SH; GY DK GY TR CARB

LS; BRN TN SME GY, PRED HD DNS
 XLN, SME COMNGLD CHLK, MICRO
 FOSS PCES, TR GRNY S-CHLKY, N/O,
 SCATT DULL GOLD MFNSOC

LS;; GY TN HD DNS DETRT SME BLK
 PELL, NO SHOW

SH; GY DK GY SME BLK, SLI CALC,
 MICA, SME CARB

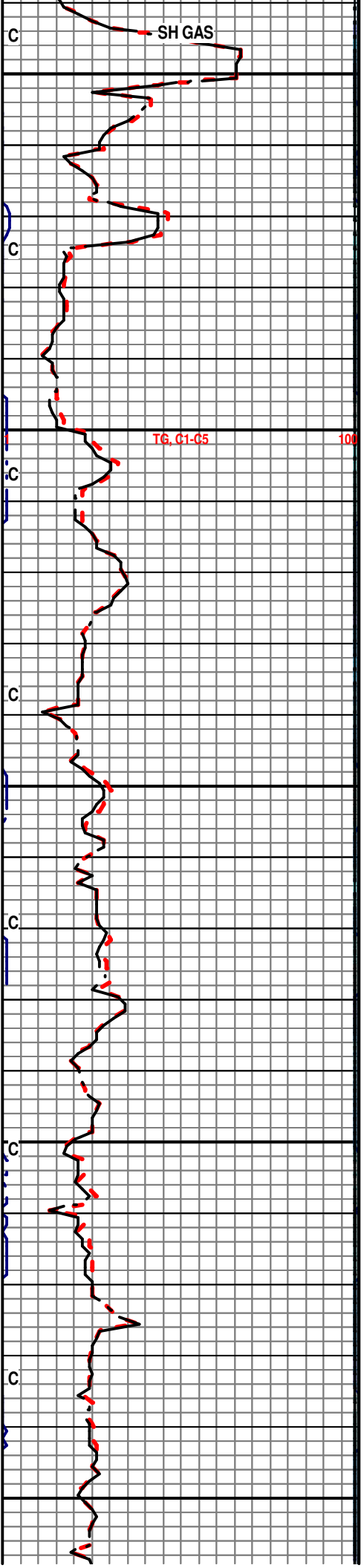
SH; LT GY SMO INCRS SLI GRN TINT

SH ; GY SLI GRN

LS, MOTT DK BRN/CRM, MICRO OOL
 IP, PYR, N/O MFNSOC

LANSING 4534-2105ss

LS; LT BUFF WH TYO TN HD XLN SME
 WEATHD APPR, SME SUGARY ELIP
 VUGGY SPARITYIC, FREE CRS SPAR
 XTLS, N/O, PURPL W/SME MED YEL
 FAINT FLOR NSOC



2-10-18

LANSING B 4570-2141ss

LS; PRED WH V/SLI TN TINT, BRTL SPARITIC, SME VF TO MED OOLCAS, IP, SMEFALAM CHLK, N/O PURPL TO FAINT YEL MFNSOC

LS; WH OPAQ SPARITIC SME OOLC, SME LAM CHLK, N/O PALE PURP TO WEAK YEL FLOR NSOC

SH; LT GRN SPLNTRY, INCRS DK GY

LS; GYISH TN HD XLN, TO LT BUFF WH, VF SHADOW OOL, CHLKY IP, TR PYR, TR TN VIT CHT, MED PURPL W/SCATGT PALE YEL MFNSOC N/O

LS; BRN HD XLN TO BUFF WH W/SME HEAVY COATED VF OOL,, SME LT TN HD XLN, N/O SCATT FAINT GOLD MFNSOC

LS; BUFF WH WEATHD APPR, CHLKY HEAVY COATED VF OOL, N/O LLSCATT FAINT GOLD MFNSOC

OLIVE GRN SH

LS; SPARITIC F-OOL, & S-RD F SPAR XTLS, SMRE CRM-WH CHLKY OOL, GY CHT, N/O PURPL FLOR NSOC

MUNCIE

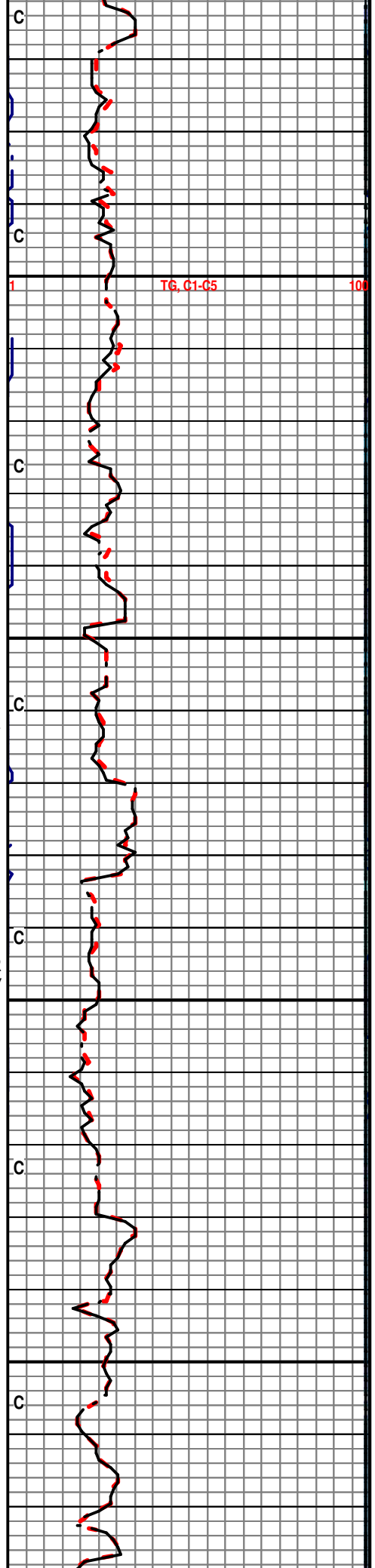
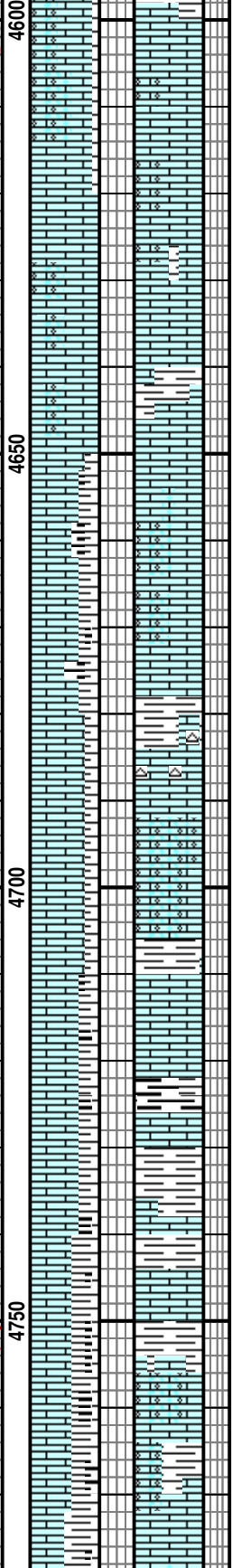
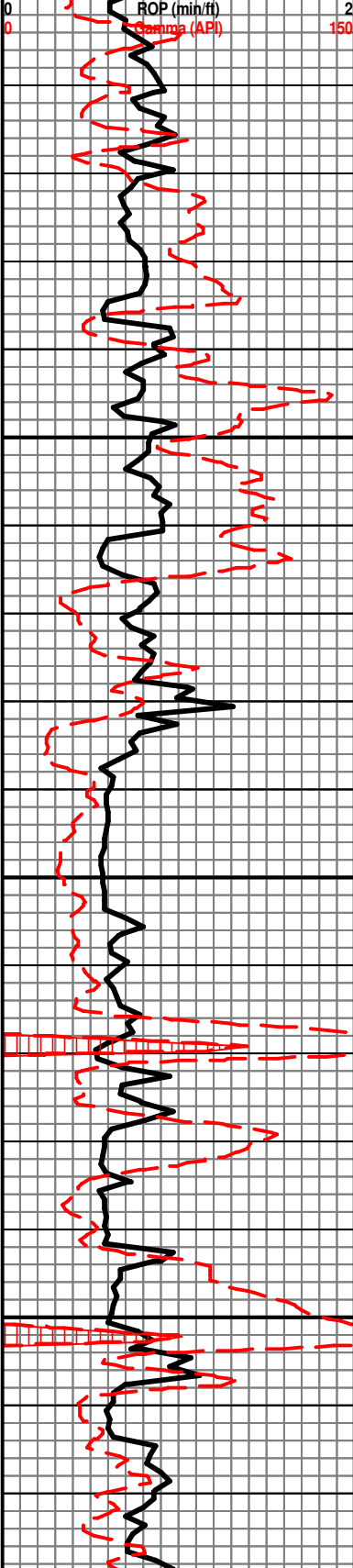
SH; BLK LBLKY CARB

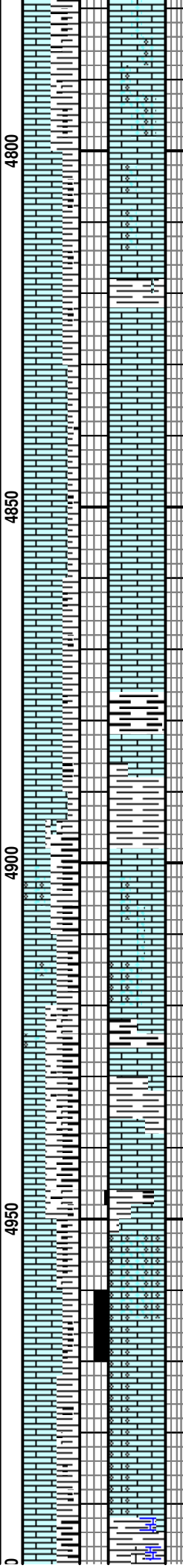
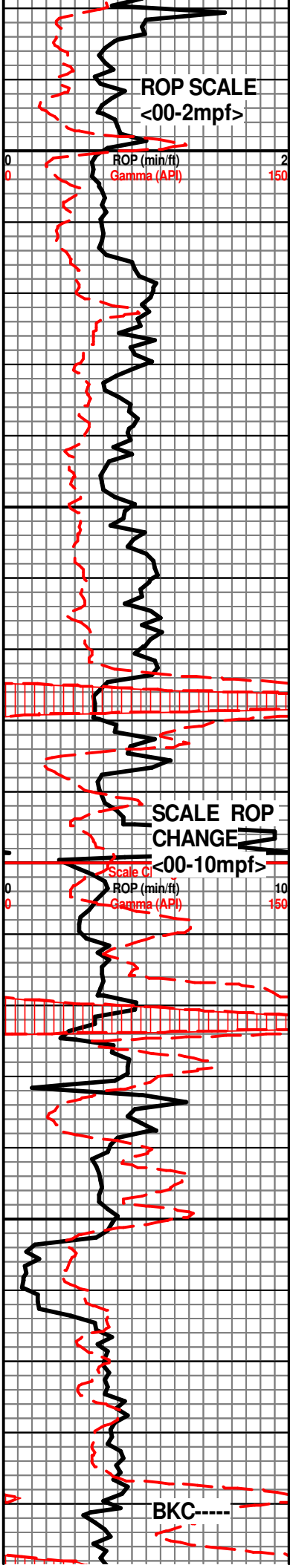
LS; TN GY HD FRGRTL TO BRN-BUFF CHLKY, SHADOW OOL, N/O, SME YELGOLD MFNSOC

SH; BLK CARBY ABTD LT GY TO GRNISH SH

LS; TN HD XLN TR OOLCAS, N/O MFNSOC

SH; GRN FRM IMBDS VF FOSS FRGS





LS; CRM WH CHLKY & CHLKY-COMNGDLS W/ F XLN, SHDOW VF OOL, TR CRM CHLKY F-OOL, INCRS CHT, TR CRS OOLCAS, SLI SUGARY MATRIX, N/O 60% FAINT YEL MFNSOC

LS; LT TN HD DNS VF XLN, COMNGD CHLK IP, CHLK EDGES, N/O, PURPL TO FAINT YEL MFNSOC

LS TN GY TN HD DSN VF XLN, CHLK EDGE IP SHADOW VF OOL IP, N/O PURPL TO GOLD MFNSOC

LS; DK TNHD DNS XLN CHLK IN FRAC

STARK 4574-2145ss

BLK CARB SH CALC

TRIP PDC BIT # 2, DRLD 4542' IN 62.5 HRS NB #3 HTC GX-20C #506B439 TRICONE, 3/15's JETS

LS; PALE BUFF WH RGH WEATHD APPR SPARRY//CHLKY VF F OOL, TR TN F-OOLCAS, INCRS WHHD DNS XLN, N/O, PALE PURPL SME V/LT YEL, NSOC

HUSHPK 4933-2504ss

BLK CARB SH HD TO SFT, V/SLI CALC

LS; GY TN MICRO XLN, PRED GY WH HD XLN SLI SHLY

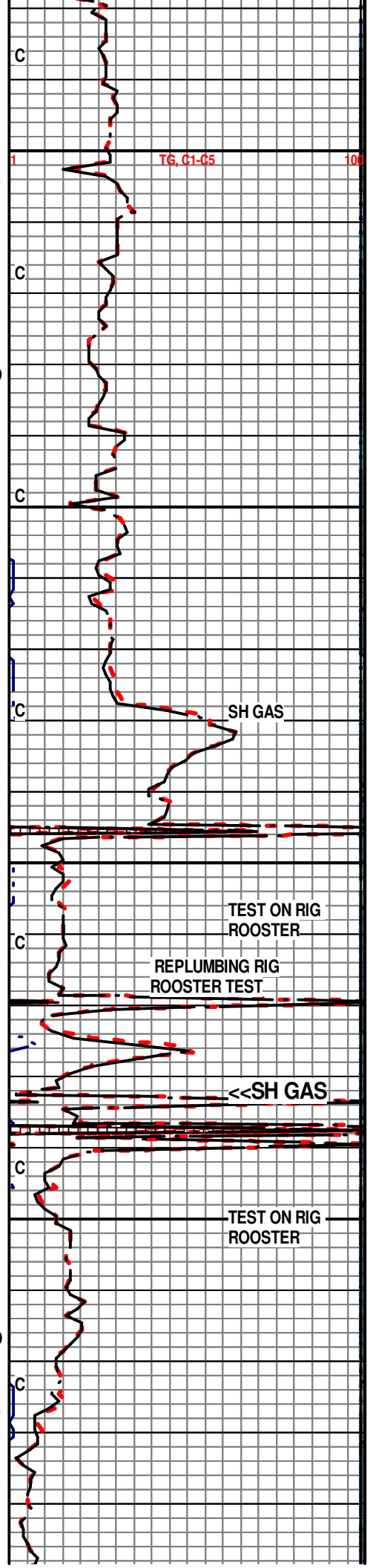
PLEASENT LM 4955

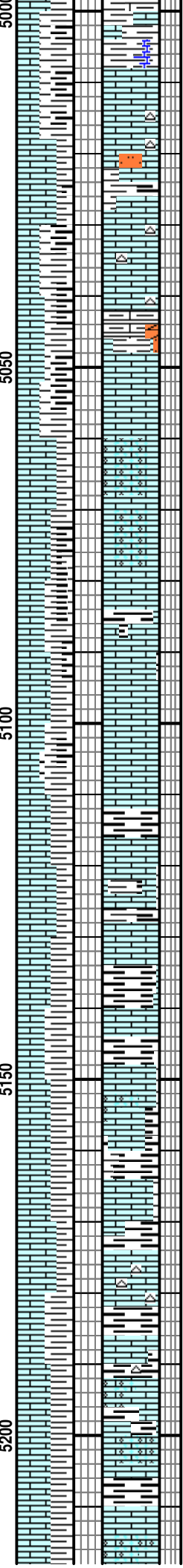
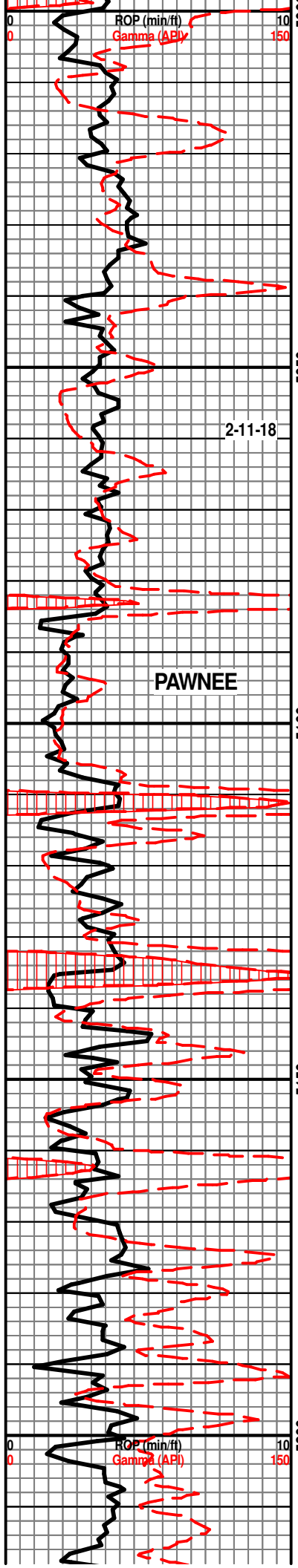
LS; LT TN BUFF BRTL VF-BIOSPARTYIC//POOR SRTD VF F OOL,, HEAVY RIM COAT, N/O, DK GOLD FLOR NSOC

NOTE

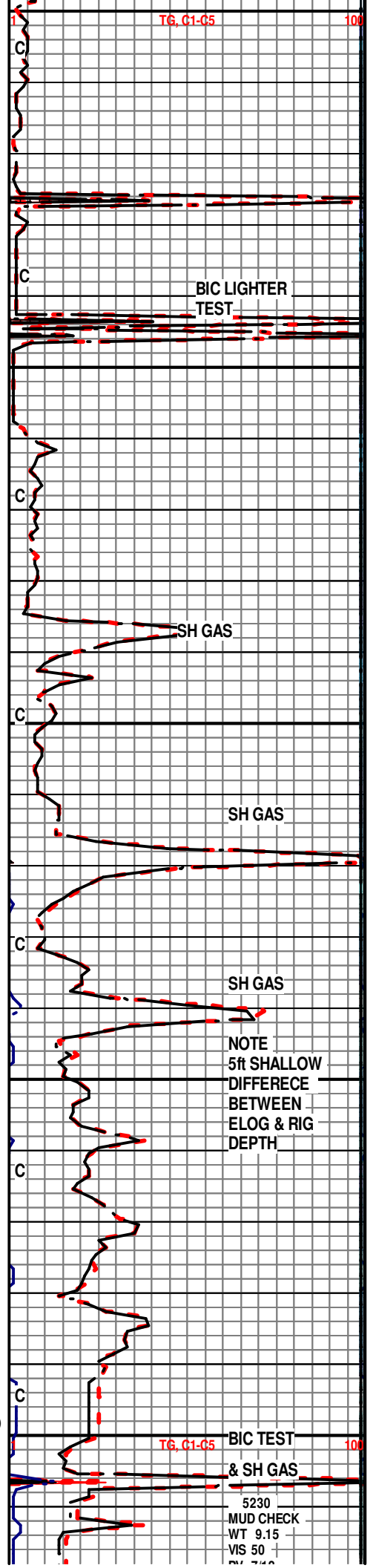
NOTE FREE CLR MED SIZE OIL SPOTS IN SAMPLE TRAY, AFTER SITTING NO EVIDENSE IN ROCK OF HYDROCARBON

SH: GY GYGRN SFT TO THIN PLATY





CALC
MARMATON 5007-2578ss
 LS; WH SME LT BUFF, PRED HD DNS WEATHD APPR XLN, DULL LUSTRE, GY VIT CHT, N/O, PURPL TO FAINT YEL MFNSOC
 LS; DK GY TN HD DNS XLN FRAC TO LT GYISH BUFF S CHLY SME GRITTY DK GY N/O, MFNSOC
 SH GY LT GY VF GRNY CALCITIC, TR ANHY NOD
 LS TN MED TN HD XLN BIOSPARITIC/VF F OOL, CRM WH CHLK,
 LS; LT TN MED TN HD DNS XLN SME CRINOIDAL XLN
BANDERA SH 5035-2606ss
 BLK CARB SH
LABETTE SH
 BLK CARB SH
CHEROKEE 5132-2703ss
 BLK CARB SH, SMELT GRN W/PYR
 LS; CRM TN HD DNS XLN, SHADOW VF OOL, PRED HD DNS SME FOSS XLN, N/O, DULL GOLD FLOR, NSOC SH; BLK DULL SFT
 LS; TN BUFF CHLKY FOSS, TO HD DNS XLN, CLR VIT CHT, N/O, BLK PURPL TR YEL MFNSOC
 BLK TO DK GY SME GRN SH
 LS; GY BUFF WH WEATHD APPR, CHLKY SHADOW VF OOL, TR F-GY PELL, N/O, MFNSOC
 SH BLK CARBY, SME DK GRN STRKD BLK
 LS; LT BUFF WEATHD APPR VF F OOL, & VF FOSS PCES, INCRS TO HD DNS XLN W/FOSS, LT TN FOSS HASH NO SHOW



BIC TEST
& SH GAS

5230
 MUD CHECK
 WT 9.15
 VIS 50

NOTE
 5ft SHALLOW
 DIFFERERE
 BETWEEN
 ELOG & RIG
 DEPTH

SH GAS

SH GAS

SH GAS

BIC LIGHTER
TEST

TG, C1-C5

TG, C1-C5

2-11-18

PAWNEE

ROP (min/ft)
Gamma (API)

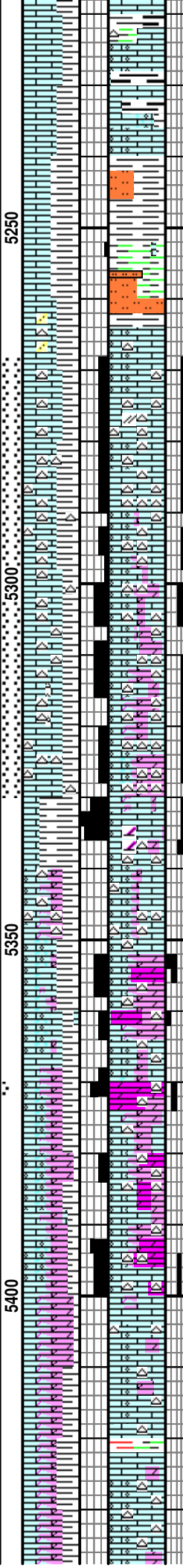
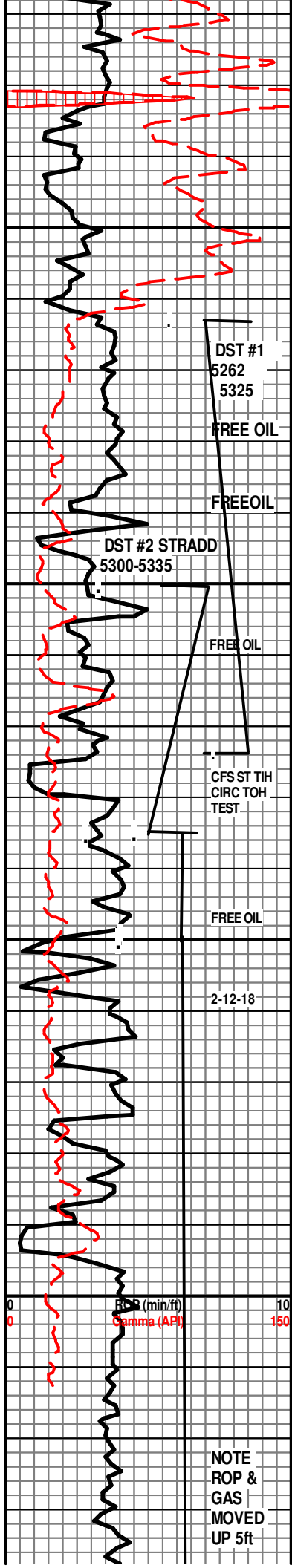
ROP (min/ft)
Gamma (API)

BANDERA SH 5035-2606ss

CHEROKEE 5132-2703ss

MARMATON 5007-2578ss

LABETTE SH



LS; LT TN TN FOSS HASH, W/OCC OOL,
 DK TN FOSS HASH, XLN INCRS GY W/PYR

BASE PENN 5234-2805ss

SH; GY BLK TR CARB, YEL, MAROON GRN TR PYR

SLTST; GY, SLI GRN TINT, VF GR, BRTL, CALC, ABTD GLAU, NO SHOW

BLK CARB PYR SH SME YEL TO GRN TR CHOR W/ORNG CHT

----MISS 5262-2833ss---

CRMWEATHD APPR MICRO OOL, P/SRTD FOSS FRGS, LS, N/O SME PALE YEL FLOR (1) PCE SLO THIN CUT

CHT; TRIPOLITIC WH, SEMI TRIPTIO SME TN VIT, TR LANHY NOD, SCATT PP DK BRN STN, SME SLOPCHY, SME COMNLGD CRM TR OOL LS, N/O 20%+- CHT, FLASH YEL STRMG MILKY CUT HEAVY YEL RESID

---LS LT GY TN HD XLN, ORNG VIT CHT W/VF OOL, SME TRIP--WH CHT, FREE PP OIL, DK YELTO GOLD FLOR ON SME CHT & LS PCES, FLASH STRMG CUT ON CHT DRY,

DOLO/LS & LS. LT CRM-TN RGH TXT. SILIC IP, BRTL TO HD, TR opa to milky wh F-OOL CHT, CRM-WH CHLK IP, ABTD VRI CHT VITTO TRIP, SME "GLAZED TRLNSPRT CHT W/MICRO WQTZ, APPR HEAVY COATD, & FOSS FGS, N/O, FREE OIL EST 27-30° API, pale yel flor, flash slo strmg becmg milky med resid cut

RRBIT #4 H-20 3/15s OB DRDL 430'-22hrs

DOLO/LS BUFF VF GRNY VF F OOL, SME CHT, TR MICRO PYR,, PP DK BRN OIL STNG, FLASH THICK STRMG MILKY CUT YEL RESID CUT

LS; CRM BUFF CHLK, SME SLI GY HD SPAR CMTD OOL, ABTD CLR, WH, OPAQ, VIT TO SEMI/TRIP CHT, N/O, PURPL FLOR 2% BRITE YEL FOR, NSOC

DOLO; LT TN GRITTY "DUSTY" SLTY, SME MICRO HEAVY COAT OOL, GRDSS TO DOLO/LS SCATT MICR PYR, MILK WH CNCORD FRAC ANG CHT TR BRN SLOPCHY STN ONDOLO, BLK TO SME FAINT GOLD FLOR SLI RING CUT

LT BUFF GRITTY DOLO BRTL, OPAQ THIN FOSS TTUBE OR FRAC FILL, CRM WH HLK, TRIP CHT W/SME STNG FAINT GOLD FLOR, V/SLI RING CUT

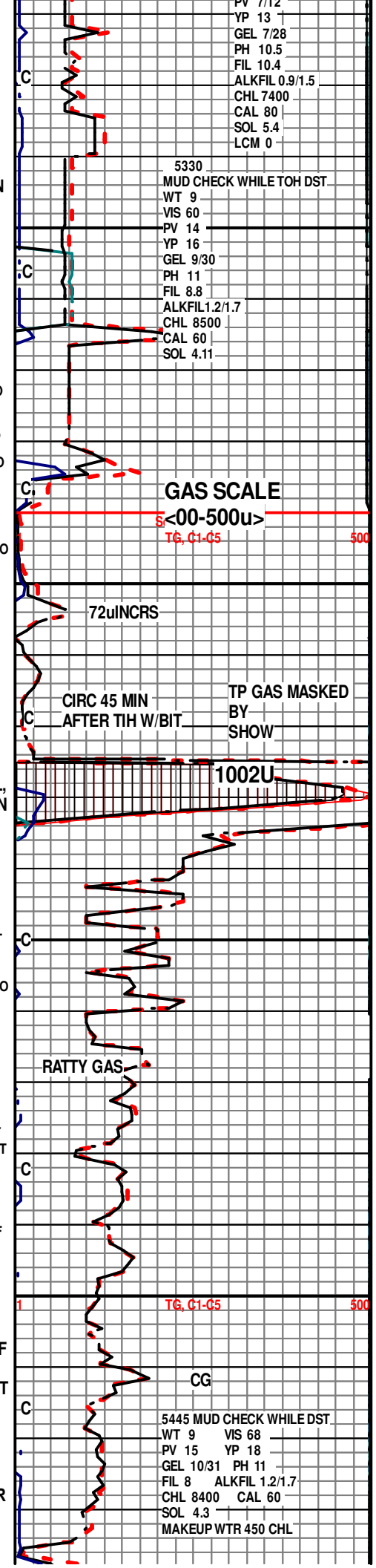
DOLO & DOLO/LS; LT BUFF SLI WH, SME W/VF ELIP OOLDS, SME CHOR, SME FOSS, WH CONTORTD W/DK GY MOTT CHT, BRN CONCORTD CHT W/VFOOLL, WH CHLK, SCATT INTR PART BRN STNG, FAINT GOLD FLOR,

LS; BUFF DULL, LUSTRE OOL-COMNLGD W/CRM-WH CHLK, OFF WH CLR VIT ANG CHT W/OOL, CMRWH OOL CHLK, N/O, SCATT FAINT YEL FLOR NSOC

TR V/LT RED/GRN SH SME GRN MUSTURD MOTT SH

LS; BUFF DNS SPAR CMTD F OOL, TR V/LT GRN HD DNS XLN LS, , CHOR IN OPAQ OOL CHT,

LS; PAI F BUUFF CRM VF OOL ABTD



PV 7/12
 YP 13
 GEL 7/28
 PH 10.5
 FIL 10.4
 ALKFIL 0.9/1.5
 CHL 7400
 CAL 80
 SOL 5.4
 LCM 0

5330
 MUD CHECK WHILE TOH DST
 WT 9
 VIS 60
 PV 14
 YP 16
 GEL 9/30
 PH 11
 FIL 8.8
 ALKFIL 1.2/1.7
 CHL 8500
 CAL 60
 SOL 4.11

GAS SCALE
 S<00-500u>
 TG, C1-C5

72uINCRS

CIRC 45 MIN
 AFTER TIH W/BIT

TP GAS MASKED
 BY
 SHOW

1002U

RATTY GAS

CG

5445 MUD CHECK WHILE DST
 WT 9 VIS 68
 PV 15 YP 18
 GEL 10/31 PH 11
 FIL 8 ALKFIL 1.2/1.7
 CHL 8400 CAL 60
 SOL 4.3
 MAKEUP WTR 450 CHL

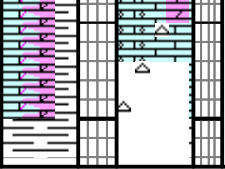
RTD
5450



ELOG
5445

2-13-18

5450



ES, FILL LOG, CRM, FILL, ADD,
CRM/WH CHLKJ,, NO SHOW
THANKS FOR USING
MBC WELL LOGGING
AUSTIN & MARLA GARNER



C



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

TTMH
43

FIELD SERVICE TICKET
0041086679
1718 16331 A

DATE _____ TICKET NO. _____

DATE OF JOB 2-6-18 DISTRICT Pratt				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 Julen Operating				LEASE Kregar WELL NO. 1-34					
ADDRESS				COUNTY KOIO STATE KS					
CITY STATE				SERVICE CREW MATT Mcgraw Clymer					
AUTHORIZED BY				JOB TYPE: 2-42 8 5/8 Sucker					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
86779	.5						2-5-18		10:20
						ARRIVED AT JOB	2-6-18	PM	1:20
19918	.25					START OPERATION		PM	7:34
						FINISH OPERATION		PM	8:00
						RELEASED		PM	9:00
						MILES FROM STATION TO WELL			61

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: [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP100C	Common emt	SH	250		4,000 00
CC102	cellulose	lb	63		233 10
CC109	Calcium Chloride	lb	470		493 50
CE753	Baffle Piece Alum. 8 5/8	ea	1		170 00
CR105	TOP rubber plug 8 5/8	ea	1		225 00
CR1753	centralizers 8 5/8	ea	2		180 00
E100	P.H. miles	Ml	60		270 00
E101	Heavy eq miles	Ml	120		900 00
E113	PROP + bulk des	TA	705		1,762 50
CE200	depth charge 0-50'	4hr	1		1,000 00
CE240	blend + mix charge	SH	250		350 00
CE504	plug cont.	TUB	1		250 00
500)	Supervisor	ea	1		175 00

SUB TOTAL 10,009 10

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		5,505 01

SERVICE REPRESENTATIVE Matt Mcgraw THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

Customer: Jolen Operating	Lease No.	Date: 2-6-18
Lease: Kresar	Well #: 1-34	
Field Order #: 10331	Station: Pratt	Casing: 8 5/8 Depth: 358
Type Job: Z-42 8 5/8 SURFACE	Formation	County: FOID State: MS
		Legal Description: 34-29S-22W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size: 8 5/8	Tubing Size	Shots/Ft		Acid: 250 SWS common	RATE	PRESS	ISIP	
Depth: 354.5	Depth	From	To	Pre Pad: 290 cc	Max		5 Min.	
Volume: 22.5	Volume	From	To	Pad: .25 PPS cc	Min		10 Min.	
Max Press: 300	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection: PC	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth: 312.6	Packer Depth	From	To	Flush: 19.8	Gas Volume		Total Load	

Customer Representative: Dennis Pope	Station Manager: WESTERMAN	Treater: MATTAL
Service Units: 83353	76982	86779
Driver Names: MATTAL	McGraw	CLYMER
	19959	19918

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
1:20 AM					ON LOCATION / SARTRE MEETING
6:00					Run 8 5/8 casing, BAFFLE PATE #1 centralizer on 1 + 7
7:00					Casing on BOTTOM
7:20					HOOK TO CASING / BREAK CIRC W. RDG
7:34	200		3	5	PUMP 3 bbl WATER
7:36	250		5.6	5.5	MIX 250 SWS COMMON CAS
7:51			-		RELEASE PLUG
7:54	200		-	3	START DISP
8:00	500		19.8		PLUG DOWN / SHUT IN WELL CMT TO SURFACE

JOB complete
 THANK YOU!
 Mike Mattal
 Mike + Michael



FEB 15 2018

PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1002098	1718	02/11/2018
INVOICE NUMBER			
92631985			

Pratt (620) 672-1201
 B JOLEN OPERATING COMPANY
 I 100 N BROADWAY AVE STE 2460
 L OKLAHOMA CITY
 L OK US 73102
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Kregar 1-34
 O LOCATION
 B COUNTY Ford
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41086679	86779		Net - 30 days	03/13/2018

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 02/06/2018 to 02/06/2018</i>				
0041086679				
171816331A Cement-New Well Casing/Pi 02/06/2018 Cement Surface				
Common Cement	250.00	EA	8.80	2,200.00 T
Celloflake	63.00	EA	2.03	128.20 T
Calcium Chloride	470.00	EA	0.58	271.42 T
"Baffle Plate Alum., 8 5/8" (Blue)"	1.00	EA	93.50	93.50
"Top Rubber Cmt Plug, 8 5/8""	1.00	EA	123.75	123.75
"Centralizer, 8 5/8" (Blue)"	2.00	EA	49.50	99.00
"Unit Mileage Chg (PU, cars one way)"	60.00	MI	2.48	148.50
Heavy Equipment Mileage	120.00	MI	4.13	495.00
Proppant & Bulk Del. Chgs., per ton mil	705.00	EA	1.37	969.37
Blending & Mixing Service Charge	250.00	BAG	0.77	192.50
Plug Container Util. Chg.	1.00	EA	137.50	137.50
Depth Charge; 0-500'	1.00	EA	550.00	550.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	96.27	96.27
Code <u>132</u>				
Description _____				
Date _____				
Approved by <u>[Signature]</u>				

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	5,505.01
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	198.87
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	5,703.88
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		

STATE OF KANSAS



CORPORATION COMMISSION
CONSERVATION DIVISION
266 N. MAIN ST., STE. 220
WICHITA, KS 67202-1513

PHONE: 316-337-6200
FAX: 316-337-6211
<http://kcc.ks.gov/>

GOVERNOR JEFF COLYER, M.D.

SHARI FEIST ALBRECHT, CHAIR | JAY SCOTT EMLER, COMMISSIONER | DWIGHT D. KEEN, COMMISSIONER

June 21, 2018

Brad Williams
Jolen Operating Company
100 N BROADWAY AVE STE 2460
OKLAHOMA CITY, OK 73102-8868

Re: ACO-1
API 15-057-20993-00-00
KREGAR 1-34
NE/4 Sec.34-29S-22W
Ford County, Kansas

Dear Brad Williams:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 2/5/2018 and the ACO-1 was received on June 20, 2018 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

TTMH=32

FIELD SERVICE TICKET
05-41689130
1718 16271 A

DATE _____ TICKET NO. _____

DATE OF JOB 2-14-18 DISTRICT _____	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 JOLEN OPERATING	LEASE KREGAR WELL NO. 1-34					
ADDRESS _____	COUNTY FORD STATE Ks.					
CITY _____ STATE _____	SERVICE CREW LESLEY, MARQUEZ,					
AUTHORIZED BY _____	JOB TYPE: 242 4 1/2" L.S.					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED 2-14-18 DATE AM TIME 6:00
2098D	8					ARRIVED AT JOB AM 8:00
37124(LIB)	8					START OPERATION AM 9:30
						FINISH OPERATION PM 3:00
						RELEASED PM 4:00
						MILES FROM STATION TO WELL _____

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: X [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA2 CEMENT	SK	175		2,975.00
CP 103	60/40 POZ	SK	50		600.00
CC 102	CELL FLAKE	lb	44		162.80
CC 105	C-41P	lb	42		168.00
CC 111	SALT	lb	845		422.50
CC 116	MAG CHEM 10CR	lb	495		1,336.50
CC 148	C-17	lb	132		2,640.00
CC 201	GILSONITE	lb	825		586.25
CF 1250	AUTO FILL FLOAT SHADE, 4 1/2"	EA	1		330.00
CF 606	LATCH DOWN PLUG & BAFFLE, 4 1/2"	EA	1		370.00
CF 1650	TURBOUZER, 4 1/2"	EA	6		510.00
CC 151	MUD FLUSH	GAL	500		750.00
E 100	PICKUP MILEAGE	MI	60		270.00
E 101	HEAVY EQUIPMENT MILEAGE	MI	120		900.00
E 113	BULK DELIVERY CHARGE	TM	621		1,552.50
CE 206	DEPTH CHARGE, 5001'-6000'	HR	1-4		2,880.00
CE 240	BLENDING SERVICE CHARGE	SK	225		315.00
CE 504	PLUG CONTAINER UTILIZATION	JOB	1		250.00
S 003	SERVICE SUPERVISOR	EA	1		175.00

SUB TOTAL **9,456.45**

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$
TOTAL 9,456.45	

SERVICE REPRESENTATIVE <u>[Signature]</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u>
FIELD SERVICE ORDER NO. _____	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer JOLEN OPERATING	Lease No.	Date 2-14-2018
Lease KREGAR	Well # 1-34 TD	
Field Order # 16271	Station PRATT, KS.	Casing 4.5" @ 5445'
Type Job CNW- 4 1/2" L.S.	Formation	County FORD
		State Ks
		Legal Description 34-295-22W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4.5" x 11.6"	Tubing Size	Shots/Ft	CMT-	175 SK AA2 CEMENT	RATE	PRESS	ISIP	
Depth 5440	Depth	From	To	Pre Pad @ 1.43 WFT	Max		5 Min.	
Volume 84.32 BBL	Volume	From	To	Pad	Min		10 Min.	
Max Press 1500	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 5417.33	Packer Depth	From	To	Flush B4BBL-3% KCL @ 100	Gas Volume		Total Load	

Customer Representative DENNIS POPE	Station Manager J. WESTERMAN	Treater K. LESLEY
Service Units 816531 84980 20920 14355 37724		
Driver Names LESLEY MARQUEZ LIBERAL		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:00 AM					ON LOCATION - SAFETY MEETING
9:30 AM					RUN 4 1/2" x 11.6" CSG.
?					TURBO - 3, 5, 7, 9, 11, 13 / 21' S. J.
12:45 PM					CSG. ON BOTTOM
1:00 PM					BREAK CIRC. W/ RIG
2:00 PM	400		10	5	*H2O AHEAD
2:02 PM	400		12/10	5	MUD FLUSH - H2O SPACER
2:06 PM	350		45	5	MIX 175 SKS AA2 @ 15 PPG
2:20 PM					SHUTDOWN - CLEAR PUMP & LINES
2:30 PM	0		0	5	START DISPLACEMENT W/ 3% KCL
2:40 PM	200		62	4	LIFT PRESSURE
2:43 PM	500		75	3	SLOW RATE
2:45 PM	1000		84	3	PLUG DOWN - HELD
					CIRC. THRU JOB
					PLUG R.H. & M.H.
					JOB COMPLETE,
					THANKS -
					KEVEN LESLEY