

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)</i> <i>(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	LB Exploration, Inc.
Well Name	LUCKY 7 3
Doc ID	1670726

All Electric Logs Run

borehole compensated sonic
dual induction
dual compensated porosity
microresistivity



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

LB Exploration

7-16s-10w Ellsworth, KS

2138 2nd Rd
Holyrood, KS 67450

Lucky #7

Job Ticket: 68640

DST#: 1

ATTN: Jim Musgrove

Test Start: 2022.05.10 @ 06:30:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:49:15

Time Test Ended: 13:46:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Terry

Unit No: 75

Interval: 3326.00 ft (KB) To 3354.00 ft (KB) (TVD)

Reference Elevations: ft (KB)

Total Depth: 3354.00 ft (KB) (TVD)

ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: ft

Serial #: 8320 Inside

Press@RunDepth: 164.44 psig @ 3327.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.05.10 End Date: 2022.05.10

Last Calib.: 1899.12.30

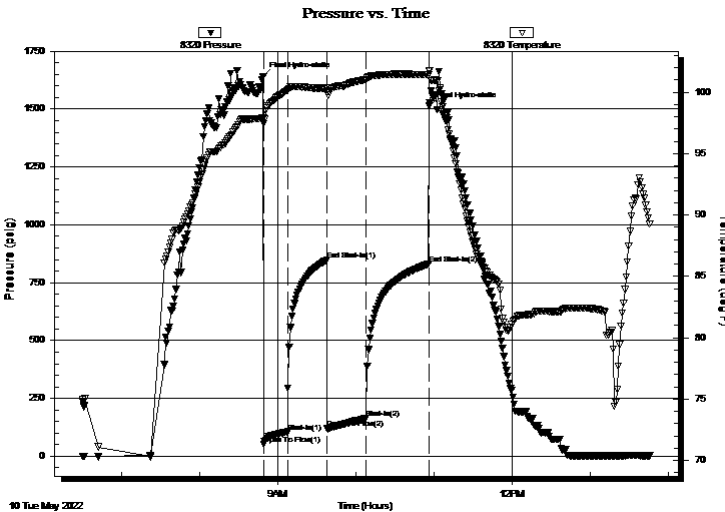
Start Time: 06:30:05 End Time: 13:46:29

Time On Btm:

Time Off Btm: 2022.05.10 @ 08:48:45

TEST COMMENT: IF-15- BOB in 10 min
IS-30- no return
FF-30 - BOB
FS-45- no return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1640.86	97.91	Final Hydro-static
1	51.65	97.46	Open To Flow (1)
19	105.52	100.15	Shut-In(1)
49	847.10	100.33	End Shut-In(1)
50	121.09	100.05	Open To Flow (2)
80	164.44	101.05	Shut-In(2)
128	830.51	101.46	End Shut-In(2)
128	1511.96	101.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	30% oil 10 %w ater 60%mud	0.59
120.00	50%OIL 50%mud	1.71
120.00	100% oil	1.75
25.00	70%gas 30% oil	0.36

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

LB Exploration

7-16s-10w Ellsworth,KS

2138 2nd Rd
Holyrood, KS 67450

Lucky #7

Job Ticket: 68640

DST#: 1

ATTN: Jim Musgrove

Test Start: 2022.05.10 @ 06:30:00

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.68 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	30% oil 10 %water 60%mud	0.590
120.00	50%OIL 50%mud	1.707
120.00	100% oil	1.746
25.00	70%gas 30% oil	0.364

Total Length: 385.00 ft

Total Volume: 4.407 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8320

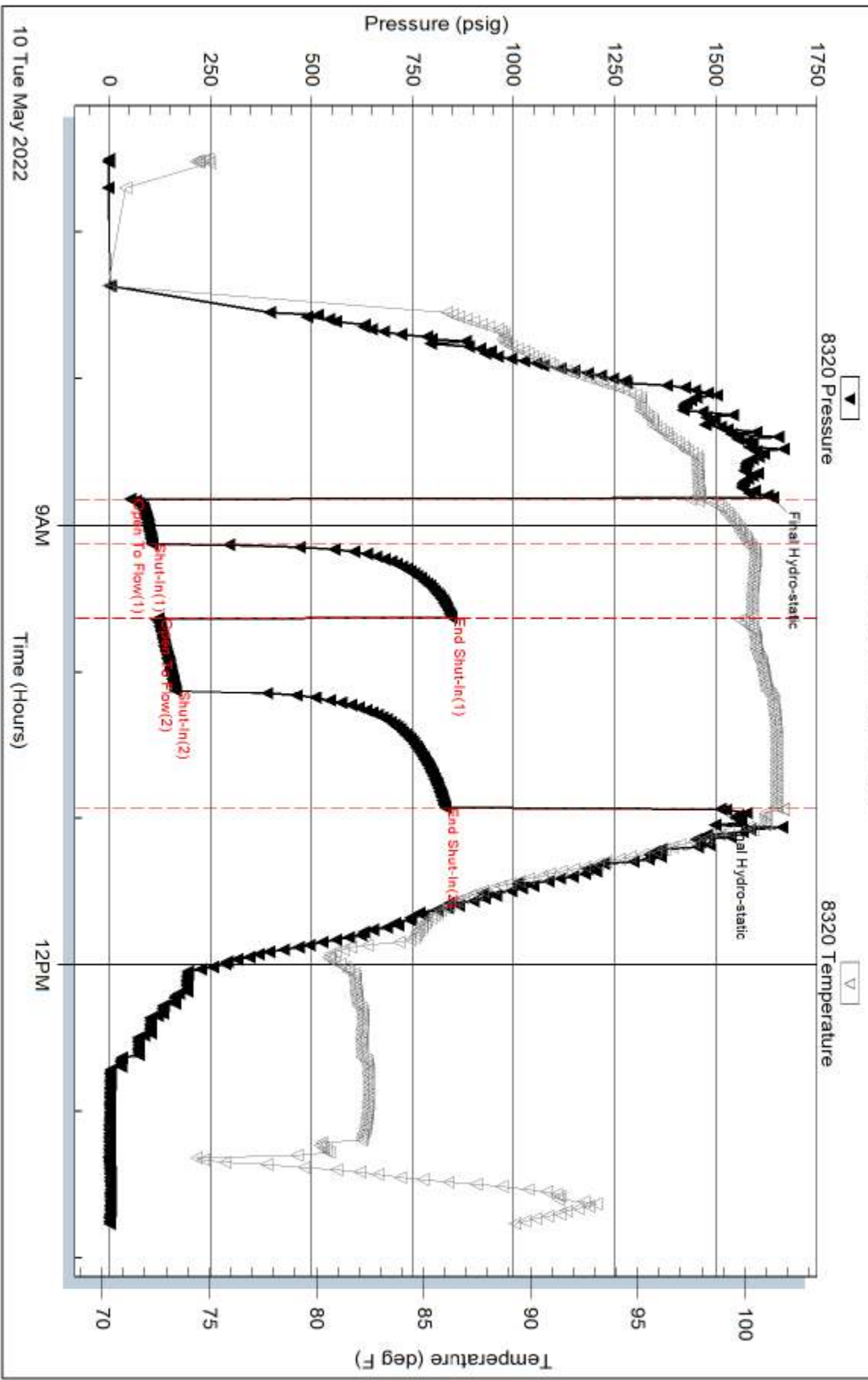
Inside

LB Exploration

Lucky #7

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 68640

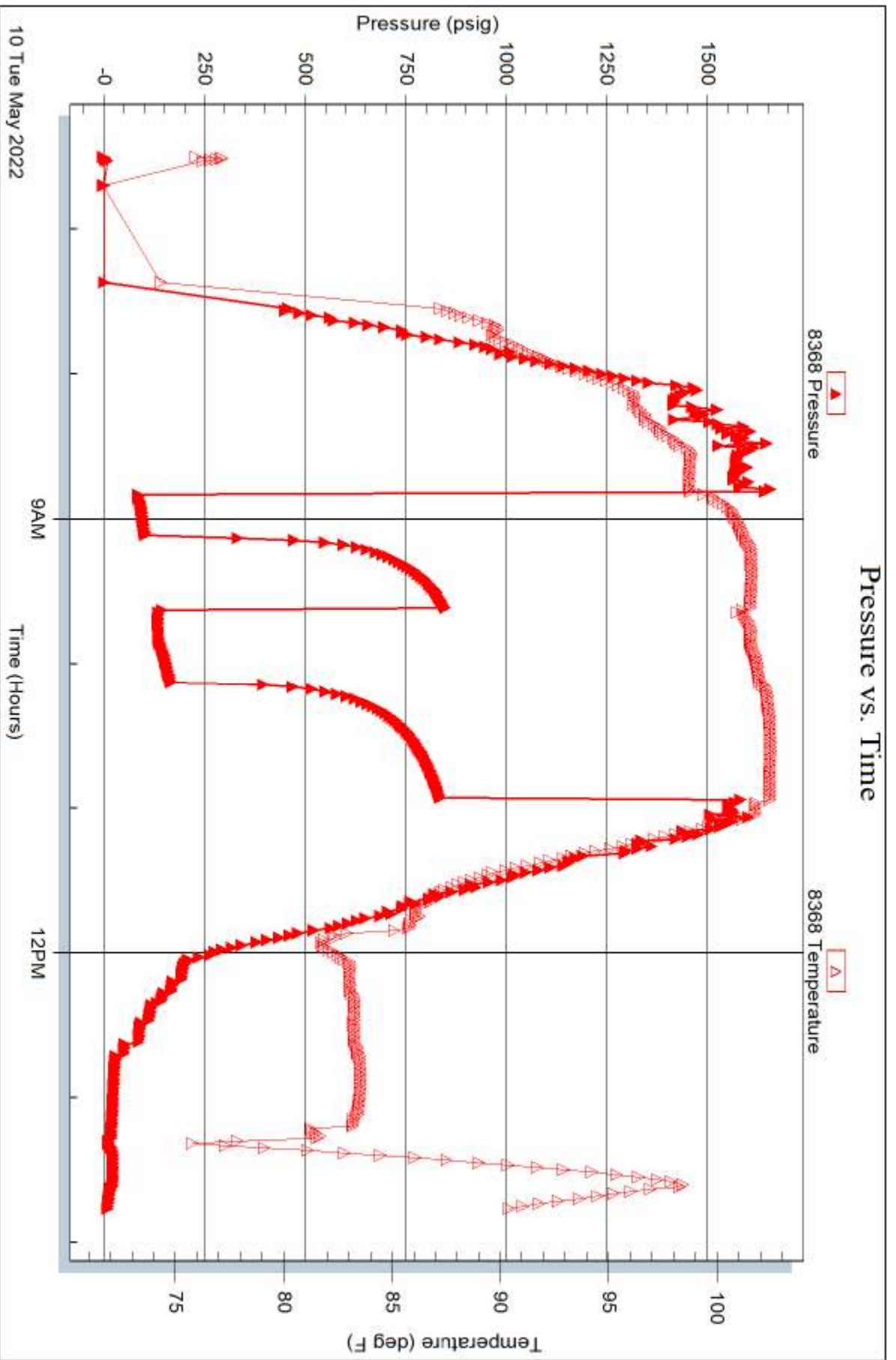
Printed: 2022.05.11 @ 09:02:17

Serial #: 8368

Outside LB Exploration

Lucky #7

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 68640

Printed: 2022.05.11 @ 09:02:17

FRANKS Oilfield Service

◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269
 ◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 0586

LOCATION Victoria

FOREMAN Tom Williams

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
05-06-22		Ladys 7-3	7	16	10 W	Ellsworth

CUSTOMER L B Exploration
 MAILING ADDRESS 2135 2nd Rd
 CITY Hollyrood STATE KS ZIP CODE 67450

TRUCK #	DRIVER	TRUCK #	DRIVER
101	Tom W		
102	Jack T		

JOB TYPE Surface HOLE SIZE _____ HOLE DEPTH 395' CASING SIZE & WEIGHT 8 5/8" 20#
 CASING DEPTH 391' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL 1.4 WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting. Got pulled into location with dazer. Set up on Fossil Drilling. Mix 190 sk surface blend & displaced Bbl shut in.

Lement did circulate Plug down 9:30 pm

Left 8 5/8" head at rig

Thanks Tom + Jack

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PCOAR	1	PUMP CHARGE <u>Surface</u>	\$1150.00	\$1150.00
MA01	45	MILEAGE	\$4.50	\$192.50
MA02	9.31 tons	Ten Mileage Delivery	\$428.43	\$428.43
CB004	190 sk	Class A 3 1/2" CL 2 1/2" gel	\$24.50	\$4,155.00
			sub total	\$6,725.93
			less 10% disc.	\$6,053.34
			sub total	\$6,053.34
			SALES TAX	314.21
			ESTIMATED TOTAL	6367.55

AUTHORIZATION  TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

JOB LOG

SWIFT Services. Inc.

DATE 5/11/22 PAGE NO.

CUSTOMER LB Exploration WELL NO. # 3 LEASE Lucky 7 JOB TYPE Long String TICKET NO. 34122

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							ON location
								5 1/2 x 14 #
								Rtd - 3417
								TOTAL Pipe - 3412.88
								Shoe JT - 42.12
								Centrifuges - 1-10
	1415							START Running Csg
								Break Circ on Btm
		2.5	8					Plug rat hole - 30 sx
		2.5	4					Plug mouse Hole - 20 sx
		6	12			300		Pump mud flush - 500 Gal
		6	20			300		pump KCL spacer
		5	30			300		Mix cmt - 125 sx @ 15.5 PPG
								Drop plug - WASH P&L
		7	⊗					START Disp
	1740	6	62			1000		LAND plug @ 1800
								Release psi - Dry
								JOB COMPLETE
								THANKS
								DAVID, SETH & ISAAC

OPERATOR

Company: LB Exploration, Inc.
 Address: 2135 2nd Ave
 Holyrood, KS 67450-9021

Contact Geologist: Jim Musgrove
 Contact Phone Nbr: 620-786-0839
 Well Name: Lucky 7 #3
 Location: 7-16s-10w NE-SE-NW-SW
 API: 15-053-21381-00-00
 Pool:
 State: Kansas

Field: Stoltenberg
 Country: USA

Scale 1:240 Imperial

Well Name: Lucky 7 #3
 Surface Location: 7-16s-10w NE-SE-NW-SW
 Bottom Location:
 API: 15-053-21381-00-00
 License Number: 33186
 Spud Date: 5/5/2022 Time: 12:00 AM
 Region: Ellsworth
 Drilling Completed: 5/11/2022 Time: 12:00 AM
 Surface Coordinates: 1875' FSL & 1180' FWL
 Bottom Hole Coordinates:
 Ground Elevation: 1867.00ft
 K.B. Elevation: 1875.00ft
 Logged Interval: 2500.00ft To: 3392.00ft
 Total Depth: 3420.00ft
 Formation: Arbuckle
 Drilling Fluid Type: Chemical/Fresh Water Gel

CASING SUMMARY

	Surface	Intermediate	Main		
Bit Size					
Hole Size					
	Size	Set At	Type	# of Joints	Drilled Out At
Surf Casing	8 5/8" in	400' ft			
Int Casing					
Prod Casing	5 1/2" in	3420' ft			

CASING SEQUENCE

Type	Hole Size	Casing Size	At
	0.00 in	0.00	0.00 ft

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude:
 Latitude:
 N/S Co-ord: 1875' FSL
 E/W Co-ord: 1180' FWL

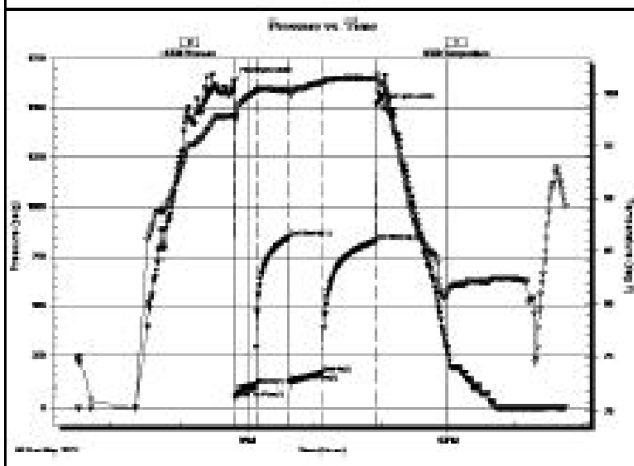
LOGGED BY

Company: James C Musgrove Petroleum LLC
 Address: 212 Main Street/PO Box 215
 Claflin, KS 67525

Phone Nbr: 620-588-4250 620-786-08
 Logged By: KLG #307

Name: James C Musgrove

ISF-30- no return
 FF-30 - BOB
 FSI-45- no return



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1640.86	97.91	Final Hydro-static
1	51.65	97.46	Open To Flow (1)
19	105.52	100.15	Shut-In(1)
49	847.10	100.33	End Shut-In(1)
50	121.09	100.05	Open To Flow (2)
80	154.44	101.05	Shut-In(2)
128	830.51	101.46	End Shut-In(2)
128	1511.96	101.78	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
25.00	70%gas 30% oil	1229.46
120.00	100% oil	4868.97
120.00	50%OIL 50% mud	1.75
120.00	30% oil 10 %water 60% mud	1.75

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

Triobite Testing, Inc

Ref. No: 68640

Printed: 2022.05.10 @ 14:24:56

ROCK TYPES

Dolprim	shale, grn	Carbon Sh	Slst
Lmst fw7>	shale, gry	Ss	

OTHER SYMBOLS

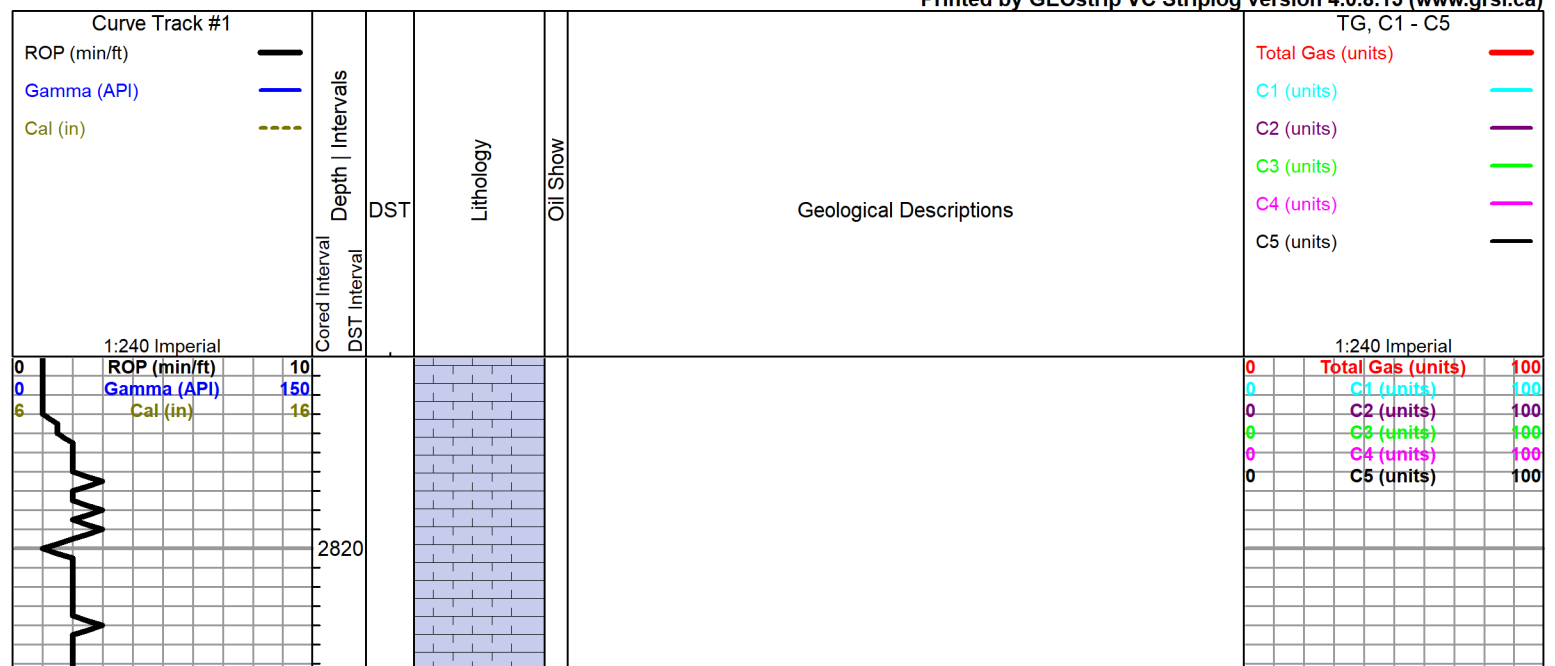
Oil Show

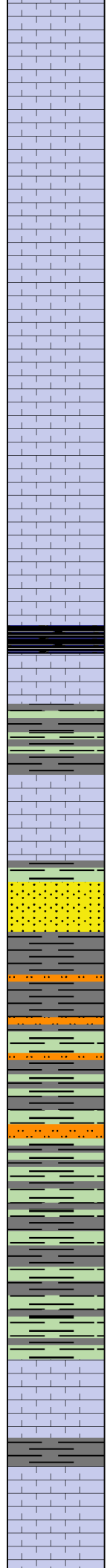
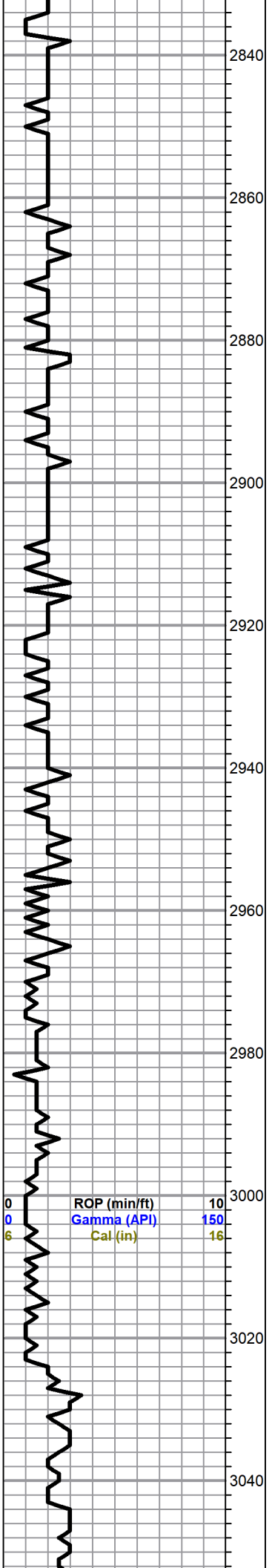
- Good Show
- Fair Show
- Poor Show
- Spotted or Trace
- Questionable Stn
- D Dead Oil Stn
- Fluorescence
- * Gas

DST

- DST Int
- DST alt
- Core
- || tail pipe

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Limestone,white,cream,chalky

Limestone,white,gray,fine crystalline,granular,chalky,few fossiliferous

trace gray chert

HEEBNER 2921(-1046)

Shale,black,carbonaceous

Limestone,gray,mottled,fossiliferous,dense

varied colored soft shale

TORONTO 2940(-1065)

Limestone,white,gray,cream,dolomitic in part,fossiliferous

DOUGLAS 2954(-1079)

Sand,gray,grayish green,very fine grained,micaeous

Shale,gray,grayish green,soft,micaeous

as above

as above

BROWN LIME 3024(-1149)

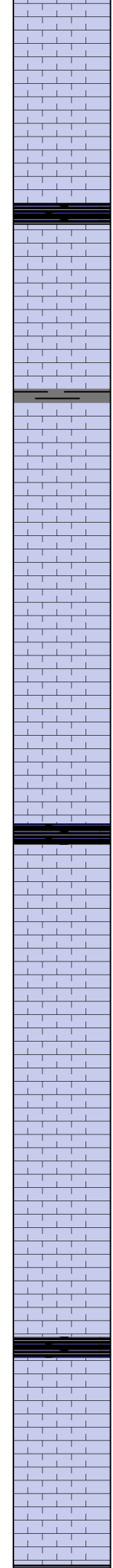
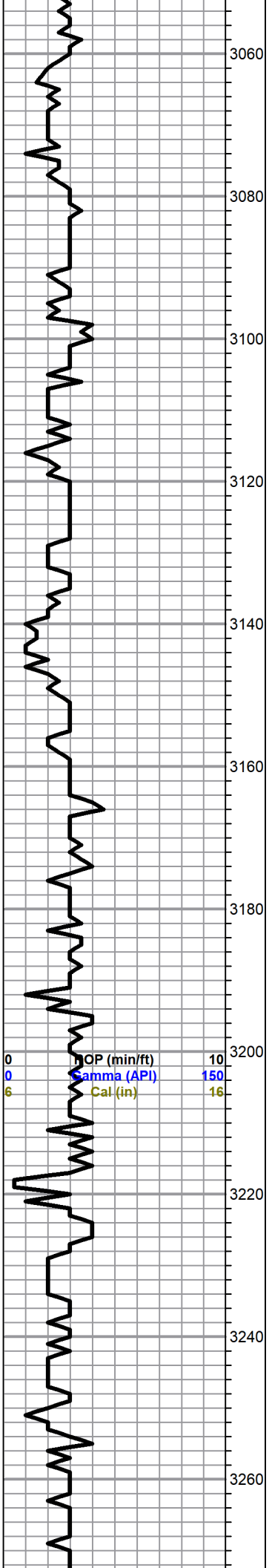
Limestone,tan,brown,dense

Shale,gray,grayish green,soft

LANSING 3039(-1164)

Limestone,white,cream,chalky,scattered pinpoint type porosity,brown spotty stain,no free oil and no odor

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100
0	C5 (units)	100



Limestone,gray,white,chalky,dense, with
Chert,gray,amber,opaque

Limestone,tan,oomoldic,poor visible porosity,no show

Shale,black,gray

Limestone,tan,fine cristaalline,fossiliferous in part, cherty,black
and gray stain,no free oil and no odor

Limestone,tan,highly oolitic,dense

Limestone,white,cream,highly oolitic,fair porosity,brown and
black stain, show of free oil and no odor

Chert,gray,opaque

Limestone,tan,buff,oomoldic,fair to good porosity,barren

Chert,black, coal black,opaque

Shale,black,carbonaceous

Limestone,white,gray,chalky, poor porosity

Limestone,gray,white,oolitic,cherty,dense

Limestone,as above,with tan,fossiliferous,chert

Shale,black,carbonaceous

Limestone,tan,gray,sub oomoldic, chalky.poor porosity

Limestone,white,gray,chakly,dense

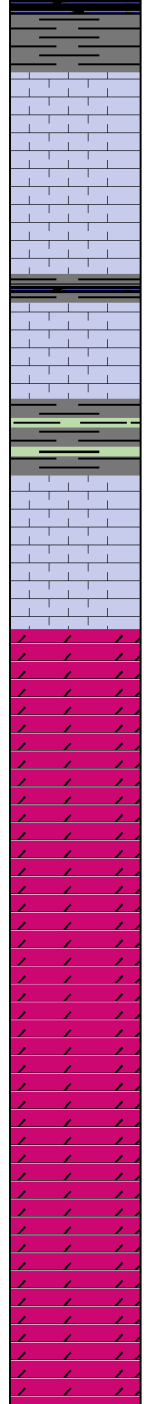
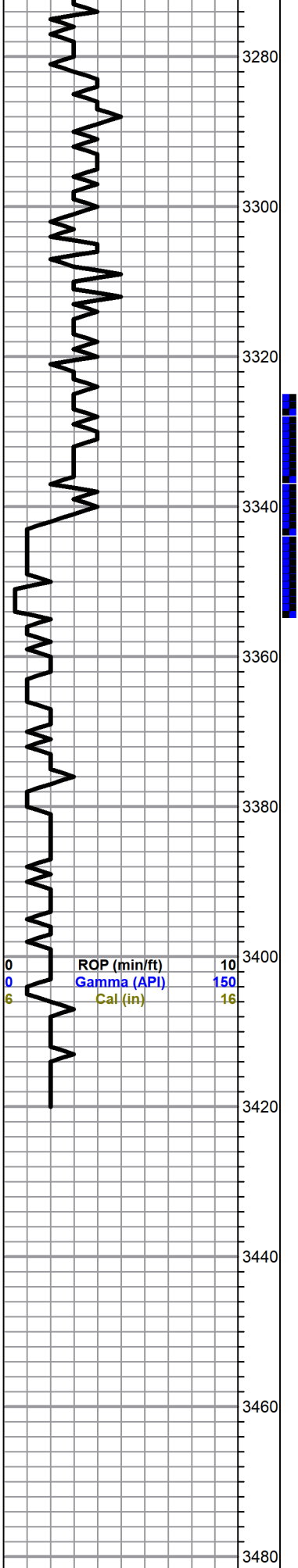
Shale,black,carbonaceous

Limestone,tan,gray,chalky,dense

Limestone,white,cream,chalky,scattered pinpoint type
porosity,trace brown stain,no show of free oil and questionable
odor

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100
0	C5 (units)	100

Mud-Co Mud
 chk
 @ 3000 ft.
 0000 hrs.
 0/0/13
 Vis. 50 Wt.
 9.2
 PV 18 YP 32
 WL 11.2
 Cake 1/32,
 pH 9.0
 CHL 6000
 ppm
 Ca 160 ppm
 Sol 6.1 LCM
 10#
 DMC \$0
 CMC \$0



as above with,Chert, tan,amber,boney

Limestone,white,gray,chalky,poor porosity

AREA BASE KANSAS CITY

Shale,gray,green with trace iron pyrite and trace
 Shale,black,carbonaceous

Limestone,tan,gray,cherty,dense

Limestone,tan,fine and medium crystalline,fossiliferous,dense

ARBUCKLE 3338(-1463)

Dolomite,tan,buff,sucrosic, scattered pinpoint type
 porosity,brown and golden brown stain,trace of free oil and fair
 odor

Dolomite, as above

Dolomite,tan,white,finely crystalline,sucrosic,fair pinpoint
 porosity,fair golden brown stain,show of free oil and fair to good
 odor

Dolomite,as above with gray Chert

Dolomite as above,decreasing stain and show of free oil

Dolomite,tan sucrosic, fair pinpoint porosity,brown stain,show of
 free oil and fair odor

as above,with Chert,white,boney and opaque

Dolomite and Chert as above

Dolomite,tan,fine and medium crystalline,trace brown stain,trace
 of free oil and questionable odor

ROTARY TOTAL DEPTH 3420

DST#1 3326-3354
 15-30-30-45
 Blow,strong(bob 10
 mins
 2nd Opening,strong(
 bob 15 mins)

Recovery, 95'
 Gas in
 pipe,25'gassy
 oil,120'clean
 oil,120' Muddy
 Oil(50%oil,50%
 mud),120'
 Heavily oil cut
 watery mud
 93% oil,60%
 mud,10% water)

BHP 847-831psi
 FP 52-106,121-165
 HSH 1640-1511 psi

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100
0	C5 (units)	100

