

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	Indian Oil Co., Inc.
Well Name	Achenbach D 1
Doc ID	1306502

All Electric Logs Run

Dual Comp Porosity Log
Dual Induction Log
Microresistivity Log
Computer Processed Interpretation

Form	ACO1 - Well Completion
Operator	Indian Oil Co., Inc.
Well Name	Achenbach D 1
Doc ID	1306502

Tops

Name	Top	Datum
Kansas City	4336	-2964
Stark	4486	-3114
Hushpuckney	4517	-3145
BKC	4548	-3176
Altamont	4630	-3258
Pawnee	4670	-3298
Fort Scott	4696	-3324
Cherokee	4708	-3336
Miss	4766	-3394
Kinderhook	5024	-3652
Woodford	5100	-3728
Misener	5124	-3752
Viola	5182	-3810
Upper Simpson SD	5292	-3920
Lower Simpson SD	5464	-4092
Arbuckle	5494	-4122

Customer INDIAN OIL CO.	Lease No.	Date 01-23-16
Lease NCHENBACH D	Well #	
Field Order # 12925	Station Pratt KS	Casing 5 1/2
Type Job CNW 5 1/2 60/50	Formation	Depth 5553'
		County BARBER
		State KS
		Legal Description T-35-12

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5 1/2								
Depth 5553'	Depth	From	To	Pre Pad	Max		5 Min.	
Volume 131 1/2	Volume	From	To	Pad	Min		10 Min.	
Max Press 2,000	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 5536'	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager DAVE COIT	Treater Robert Fullin
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Service Units	37900	33708	20920	19903	19860				
Driver Names	William	GRAVES	MARSHALL	MARSHALL	MARSHALL				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:30 am					ON LOC
2:00					CASING ON BOTTOM
2:20					Hook 1 1/2 circ.
3:40	850		5	3.5	AT SPACER
			12		ST mud flush
			5		51 SPACER
			5		mix cont 175 sk AH-2 cont @ 14.8 gpg
			48		cont mix (shot down) wash up, time
					Release Plug
				6	St Deep w/ 2% KCL 4/20
	500				litl Psi
	850			3.5	Slow Rate
4:45	1800		131 1/2		Plug down
			7	2	plug RH w/ 20 sk 60/40 por
			5		plug RH w/ 20 sk
					JOB complete
					Thank you



Cement Job Summary

Job Number: MLK01161640		Job Purpose: 01 Surface	
Customer:	Indian Oil Co	Date:	1/16/2016
Well Name:	Achenbach D	Number:	# 1
County:	Barber	City:	Kansas
Cust. Rep:		Phone:	
Distance:	20 miles (one way)	Rig Phone:	
		Supervisor:	

Employees:	Emp. ID:	Employees:	Emp. ID:
JUSTIN BOWER	#N/A		
Thimesch, Jason	0		
Mazzalongo, Paul	0		

Equipment:	Emp. ID:	Equipment:	Emp. ID:
PICK UP 674			
1106-545			
949-741			

Materials - Pumping Schedule					
STAGE #1					
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Spacer 1	FRESH WATER	5	8.34	n/a	n/a
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Lead 1	CLASS A COMMON	300	14.89	1.33	6.20

Slurry: Lead 1		Slurry Name: CLASS A COMMON				
Quantity:	300 sacks	Blend Vol:	321.76 cu.ft.	Blend Weight:	29121 lbs	
Material	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CCAC	CLASS A COMMON	94	% Base Material	28200.0	lbm	
CA-100	CALCIUM CHLORIDE, PELLETS OR FLAKE	2.82	% BWOC	846.0	lbm	
CLC-CPF	CELLOPHANE FLAKES	0.25	lb/sk	75.0	lbm	
Water	Mixing Water	6.20	gal/sk	1860	gal	

Job Number: MLK01161640		Job Purpose: 01 Surface				
Customer:	Indian Oil Co	Date:	1/16/2016			
Well Name:	Achenbach D	Number:	# 1			
County:	Barber	City:	Kansas			
Cust. Rep:		Phone:				
Distance:	20 miles (one way)	Rig Phone:	0			
		Supervisor:	0			
DATE	TIME	PRESSURE - (PSI)		FLUID PUMPED DATA		COMMENTS
		CASING	ANNULUS	VOLUME	RATE (BPM)	
1/16/2016	4:00:00 AM					ARRIVE ON LOCATION
	4:05:00 AM					SAFETY MEETING
	4:10:00 AM					RIG UP
	8:20:00 AM					SAFETY MEETING
	8:35:00 AM	70		5	2	PUMP WATER AHEAD
	8:37:00 AM	150		71	4	PUMP CMT
	9:01:00 AM	30		10	4	START DISPLACMENT
	9:10:00 AM	120		42	3	END DISPLACMENT
	9:15:00 AM					SHUT IN
	9:25:00 AM					ENDJOB



CEMENTING - DISPATCH SHEET

Job Number		By	Kevin Brungardt	Field		Date	1/15/2016
Company	Indian Oil Company	Rep	Anthony Farrar	Phone	620-886-0373		
Lease Name and Number	Achenbach D #1	Drilling Contractor	Duke Drilling #7				
County	Barber	State	Kansas	Township	35S		
Formation		Section	1	Range	12W		
Tubing Size & Weight		Depth		Casing Size & Weight	13.375"	Depth	300' +/-
Type Job	Surface Casing	Pre Flush	Fresh Water	Hole Size	17.5"		

1st Stage	300 sacks Class A + 3% Calcium Chloride + 0.25 lb/sk Flo-seal						
Lead	Yield	1.33	Weight	14.9	Water	6.20	Tail
Yield			Weight		Water		Yield

2nd Stage							
Lead	Yield		Weight		Water		Tail
Yield			Weight		Water		Yield

Location	Pump	Call In	Yard
Time	Time	Time	Time
Top	n/a	Bottom	Displacement
Plug	Plug	Type (Fluid)	Fresh Water

Special Instructions ALL OKLAHOMA JOBS REQUIRE THREE HEADSETS
 Galen will land the 13 3/8" with his 8 5/8" landing joint
 Galen Roach cell 620-786-1728
 They will have a dozer on location

Cementer	Justin Bower	Unit #	Directions
Unit No.	Driver	Float Equipment and Price	Medicine Lodge, Kansas 281 & 160 Jct. at Rest Area South 17.0 miles on Hwy. 281 to Driftwood Road West 1.0 miles to Clairmont Road South 0.9 miles on Clairmont Road East into location
1106 - 545	Jason Thlmesch		
949 - 741	Paul Mazzalongo	1 - 8 5/8" swage	
		1 - 2" valve	
		1 - 8 5/8" Threaded Aluminum Baffle	

Front Pot	Unit No.	741	Back Pot	Front Pot	Unit No.	Back Pot	
Materials	Pounds	Materials	Pounds	Materials	Pounds	Materials	Pounds
Class A	18800	Class A	9400	Sugar	300		
Calcium Chloride	564	Calcium Chloride	282				
Flo-seal	50	Flo-seal	25				
200 sacks		100 sacks					
Total Pounds	19414	Total Pounds	9707	Total Pounds	300	Total Pounds	

10637
 8-5-10
 1/15



CEMENTING - DISPATCH SHEET

Job Number		By	Kevin Brungardt	Field		Date	1/15/2016
Company	Indian Oil Company	Rep	Anthony Farrar	Phone	620-886-0373		
Lease Name and Number	Achenbach D #1	Drilling Contractor	Duke Drilling #7				
County	Barber	State	Kansas	Township	35S		
Formation		Section	1	Range	12W		
Tubing Size & Weight		Depth		Casing Size & Weight	13.375"	Depth	300' +/-
Type Job	Surface Casing	Pre Flush	Fresh Water	Hole Size	17.5"		

1st Stage	300 sacks Class A + 3% Calcium Chloride + 0.25 lb/sk Flo-seal						
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Lead	Yield	1.33	Weight	14.9	Water	6.20	Tail	Yield	Weight	Water
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2nd Stage										
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Lead	Yield	Weight	Water	Tail	Yield	Weight	Water
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Location Time	Pump Time	Call In Time	Yard Time
Top Plug	n/a	Bottom Plug	Displacement
			Fresh Water
		Type (Fluid)	

Special Instructions **ALL OKLAHOMA JOBS REQUIRE THREE HEADSETS**
 Galen will land the 13 3/8" with his 8 5/8" landing joint
 Galen Roach cell 620-786-1728

Cementer	Unit #	Directions
Unit No.	Driver	Float Equipment and Price
		Medicine Lodge, Kansas
		281 & 160 Jct. at Rest Area
		South 17.0 miles on Hwy. 281 to Driftwood Road
		West 1.0 miles to Clairmont Road
		South 0.9 miles on Clairmont Road
		East into location

Front Pot	Unit No.	Back Pot	Front Pot	Unit No.	Back Pot
Materials	Pounds	Materials	Pounds	Materials	Pounds
Class A	18800	Class A	9400		
Calcium Chloride	564	Calcium Chloride	282		
Flo-seal	50	Flo-seal	25		
200 sacks		100 sacks			
Total Pounds	19414	Total Pounds	9707	Total Pounds	Total Pounds

Geologic Report
Aaron L Young
Drilling Time and Sample Log
Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Achenbach D #1
API: 15-007-24300
Location: Section 1 - T35S - R12W
License Number: 31938
Spud Date: 01 / 15 / 2016
Surface Coordinates: 165' FSL and 660' FWL or
S2 - S2 - SW - SW
Region: Barber Co., KS
Drilling Completed: 01 / 22 / 2016
Bottom Hole Coordinates:
Ground Elevation (ft): 1359' K.B. Elevation (ft): 1372'
Logged Interval (ft): 4300' To: 5560' Total Depth (ft): 5560'
Formation: Arbuckle
Type of Drilling Fluid: Chemical - MudCo

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

OPERATOR

Company: Indian Oil Co., Inc
Address: P.O. Box 209
2507 SE US 160 HWY
Medicine Lodge, KS 67104+0209

GEOLOGIST

Name: Aaron L. Young, M.S.
Company: Young Consulting LLC
Address: 100 S. Main, Suite 505
Wichita, Kansas 67202

General Info

CONTRACTOR: Duke Drilling, Rig #7

BIT RECORD:

No.	Size	Make	Jets	Out	Feet	Hours
1	13 3/8	Smith RR	15-15-15	300'	287'	6.0
2	7-7/8	HTC PP506 PDC	15-15-15	5560'	5273'	67.75

Surveys: 162'-.5, 300'-.1, 497'-.1, 1030'-.1, 1509'-.4, 2010'-.5, 2518'-.3, 3057'-.1, 3502'-.5, 4009'-.5, 4486'-.2, 4995'-.6, 5560'-.5

GENERAL DRILLING AND PUMP INFORMATION:

Drilling with 8,000-14,000 lbs. on bit and 100 RPM w/ 9 stands of collars, 547'.
Pumping 700-950 psi at standpipe.

Daily Status

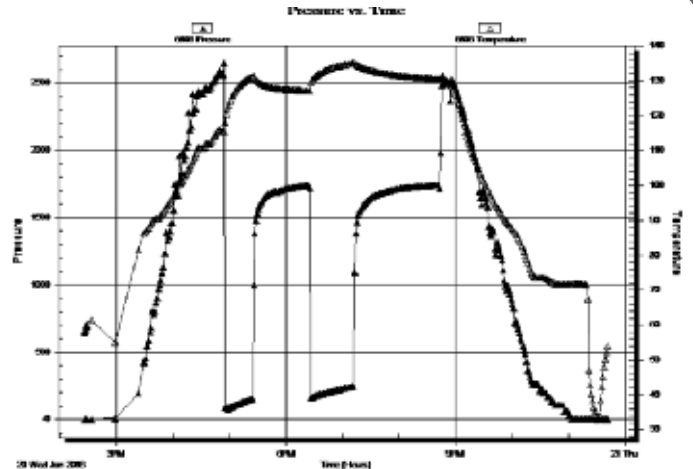
01/15/16 - Spud @ 9:00pm
 01/16/16 - Ran 7 jts 13 3/8" 48# New casing set 295' w/ 300sx Class A, 3% CC
 01/17/16 - Drilling @ 1286'
 01/18/16 - Drilling @ 2800'
 01/19/16 - Drilling @ 4015'
 01/20/16 - DST #1 - 5,110' - 5,132'
 01/21/16 - TD @ 5560', Logging
 01/22/16 - Finished logging, Ran 5 1/2" 15.50# production casing set at 5,553' with 175sx

DST #1: 5,110' - 5,132' Misener
 30" - 60" - 45" - 90"

IF: BOB in 12min
 ISI: 1/2" blowback
 FF: BOB in 30min
 FSI: No blowback

RECOVERY: 2680' GIP, 440' W, 31' SOMCW (2% O, 24% M, 74% W)

SIP: 1738-1742#; FP: 84-155#, 164-249#; HP: 2653-2554#;

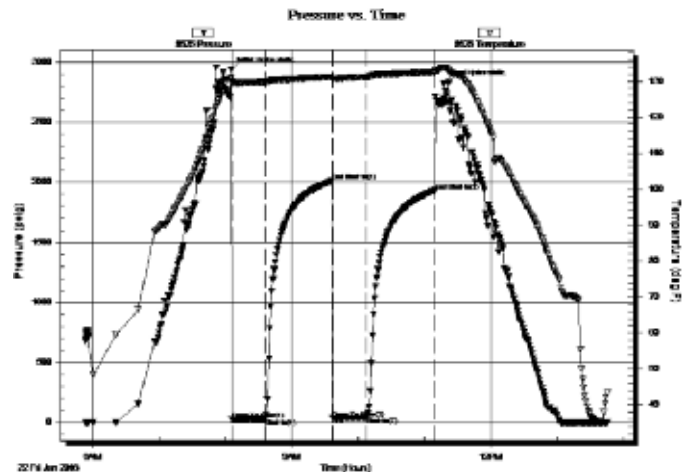


DST #2: 5,351' - 5,370' Simpson Straddle after logs
 30" - 60" - 30" - 60"

IF: 1/2" blow
 ISI: No blowback
 FF: Weak surface blow, died in 8min
 FSI: No blowback

RECOVERY: 10' Mud

SIP: 131-133#; FP: 27-32#, 37-45#; HP: 2932-2819#;



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
- Breclrag
- 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
- Silty

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

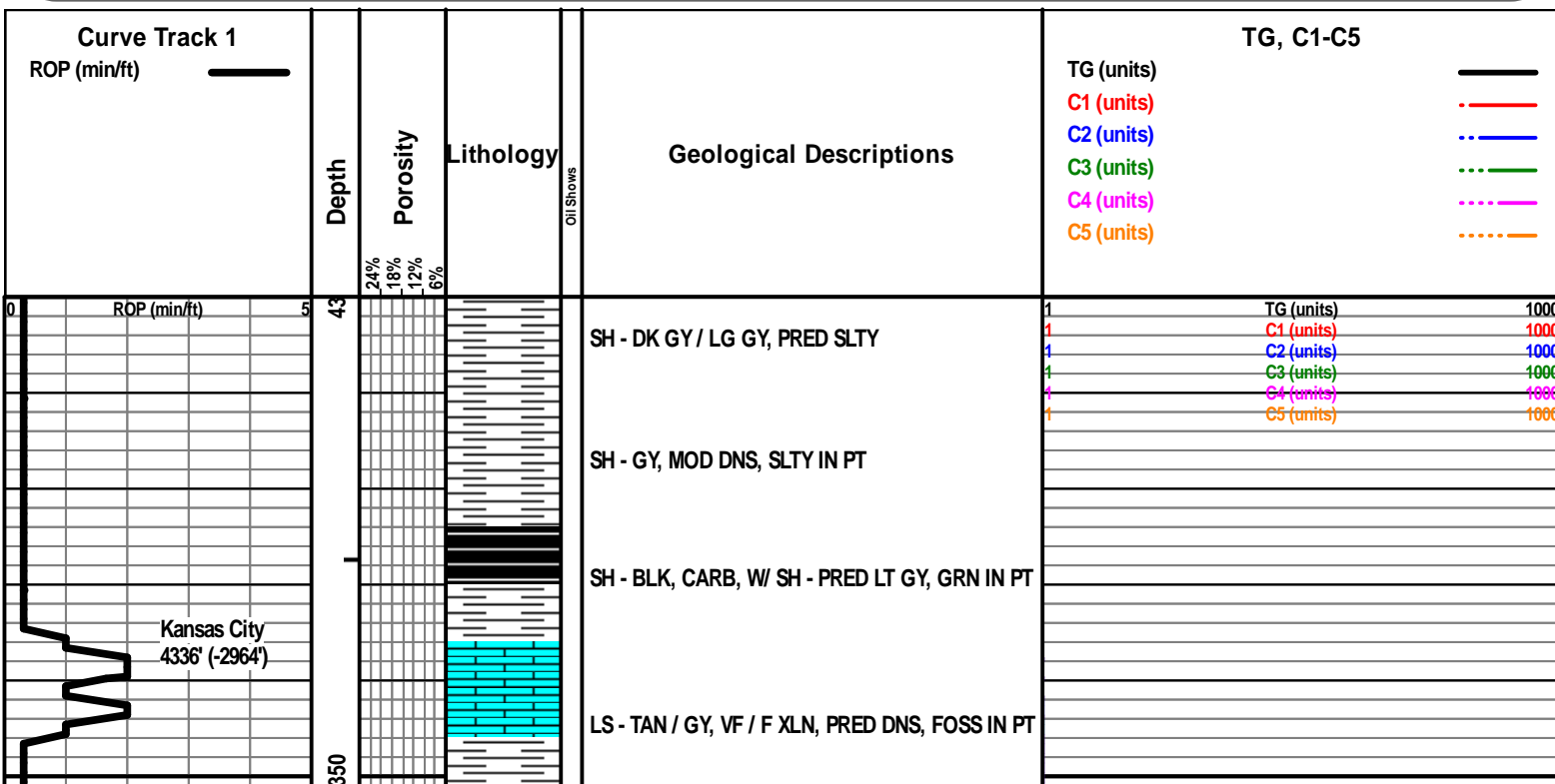
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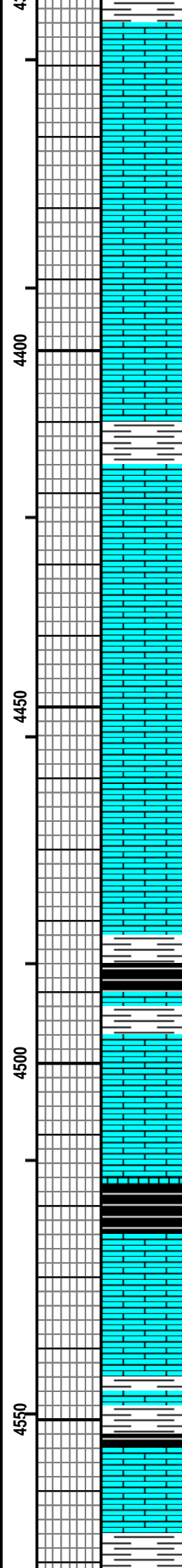
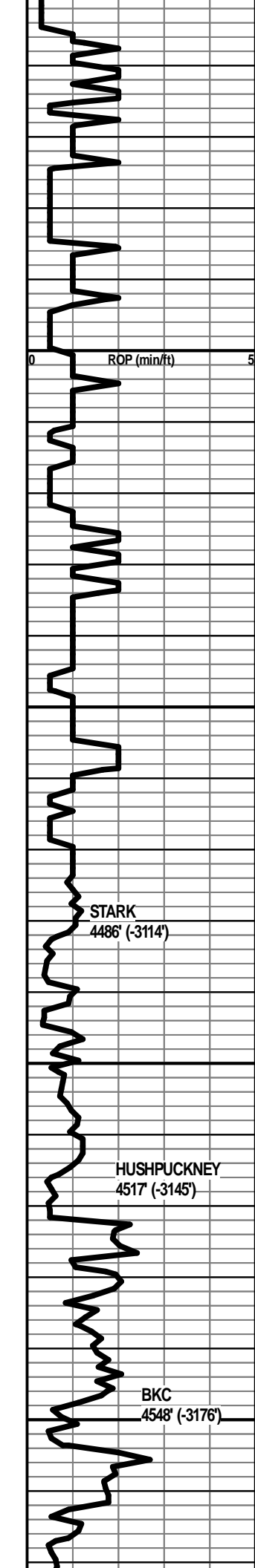


Dst

EVENTS

- Rft
- Sidewall
- Conn





LS - CRM / TAN, BRN IN PT, F XLN, PRED DNS,
BRN PIECES V DNS, FOSS IN PT

LS - WHT / CRM, CHKY / V CHKY

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

LS - TAN / GY, VF / F XLN, MOD DNS / SUBCHKY
IN PT, STYLOLITIZED IN PT, FOSS IN PT, W/ SH -
DK GY, MOD DNS

LS - CRM, VF / F XLN, PRED SUBCHKY, MOD DNS
IN PT, CHKY IN PT, BLK SPECS IN THE SUBCHKY
LS

SH - BLK, SLI CARB, W/ SH - GY, SLTY, W/ LS -
CRM, VF / F XLN, SUBCHKY

LS - WHT / CRM, VF / F XLN, SUBCHKY / CHKY

SH - BLK, SLI CARB

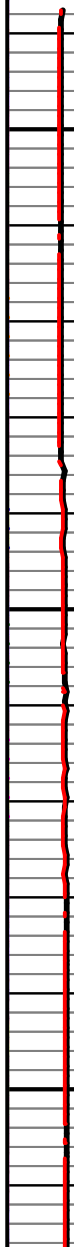
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PT, W/ FEW PIECES OF CHT - WHT / GY,
TRANSLCNT / OPAQ

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

SH - BLK, SLI CARB

SH - GY / GRN, SOFT, WAXY IN PT, W/ LS - LT
BRN / GY, F XLN, DNS

1	TG (units)	1000
1	C1 (units)	1000
1	C2 (units)	1000
1	C3 (units)	1000
1	C4 (units)	1000
1	C5 (units)	1000

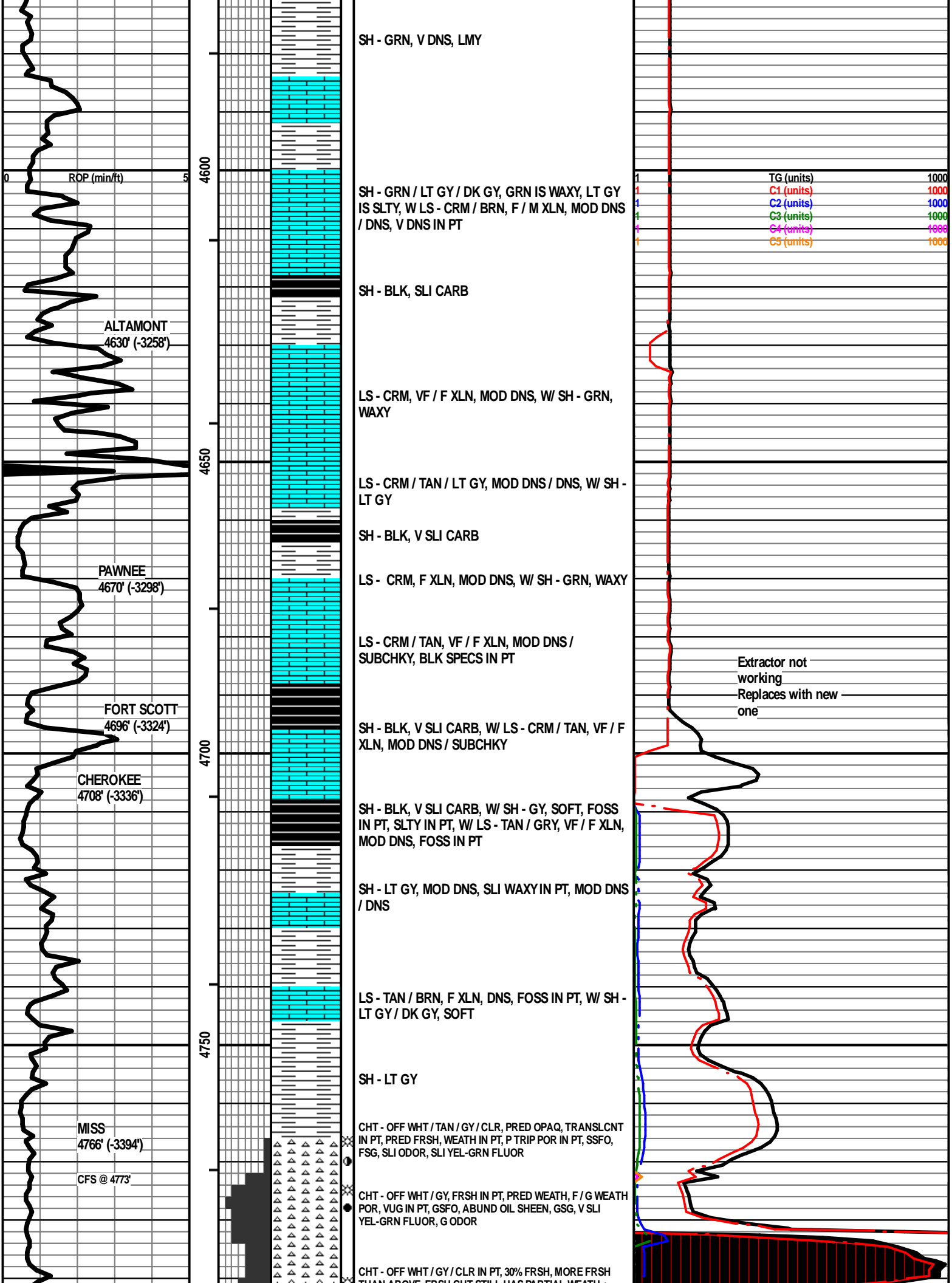


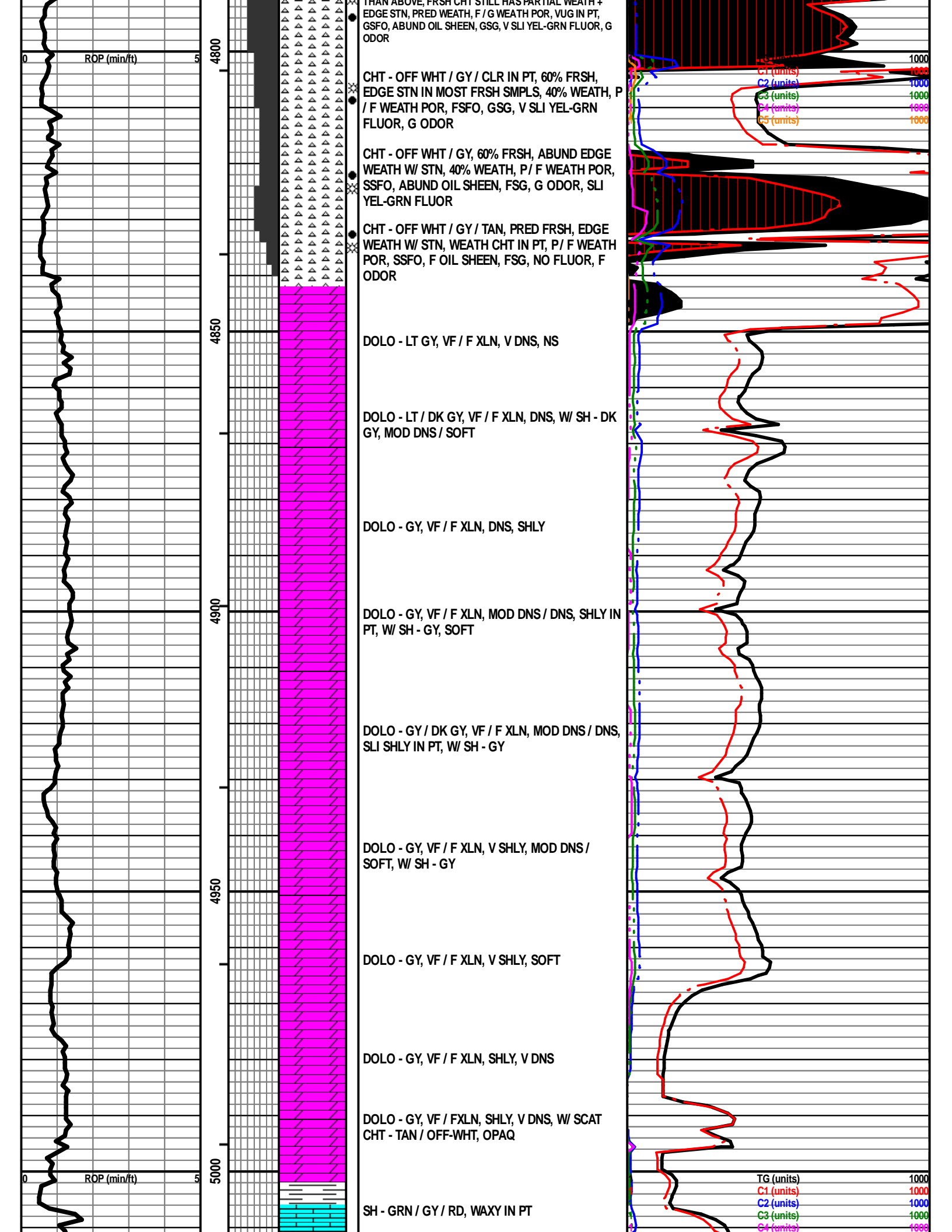
WT 9.3
VIS 51

STARK
4486' (-3114')

HUSHPUCKNEY
4517' (-3145')

BKC
4548' (-3176')





KINDERHOOK
5024' (-3652')

LS - CRM, VF / F XLN, SUBCHKY, SLI CHTY IN PT,
W/ CLR CHT

SH - DK GY

SH - DK GY / BRNISH GY, MOD DNS

SH - DK GY / BRNISH-GY, MOD DNS / SOFT

SH - LT GY, SOFT, SLTY IN PT

WOODFORD
5100' (-3728')

SH - BRNISH-BLK, SHOW OF GAS, V SLI CARB,
MOD DNS / SOFT

MISENER
5124' (-3752')
CFS @ 5128'

SS - LT GY / CLR, FN GR, SUB-RND, MOD / W
SRTD, HARD CLUSTERS, F INTGR POR, SSFO,
LT BRN OIL DROPLETS WHEN CLUSTER
BROKEN, FRI IN PT, SCAT PYRITE IN SOME
CLUSTERS, BRI YEL-GRN FLUOR, V FAINT
ODOR

SH - LT GY / GY, SOFT / MOD DNS

SH - GY / GRN / MAR / RD-ORNG / RDISH-BRN

VIOLA
5182' (-3810')

DOLO - TAN / LT GY, VF XLN, MOD DNS, NO VIS POR, NS, NO
ODOR, NO FLUOR

ROP (min/ft)

DOLO - LT GY, VF XLN, MOD DNS, SLTY

C5 (units) 1000

5050

5100

5150

5200

WT 9.3
VIS 53
LCM 10#

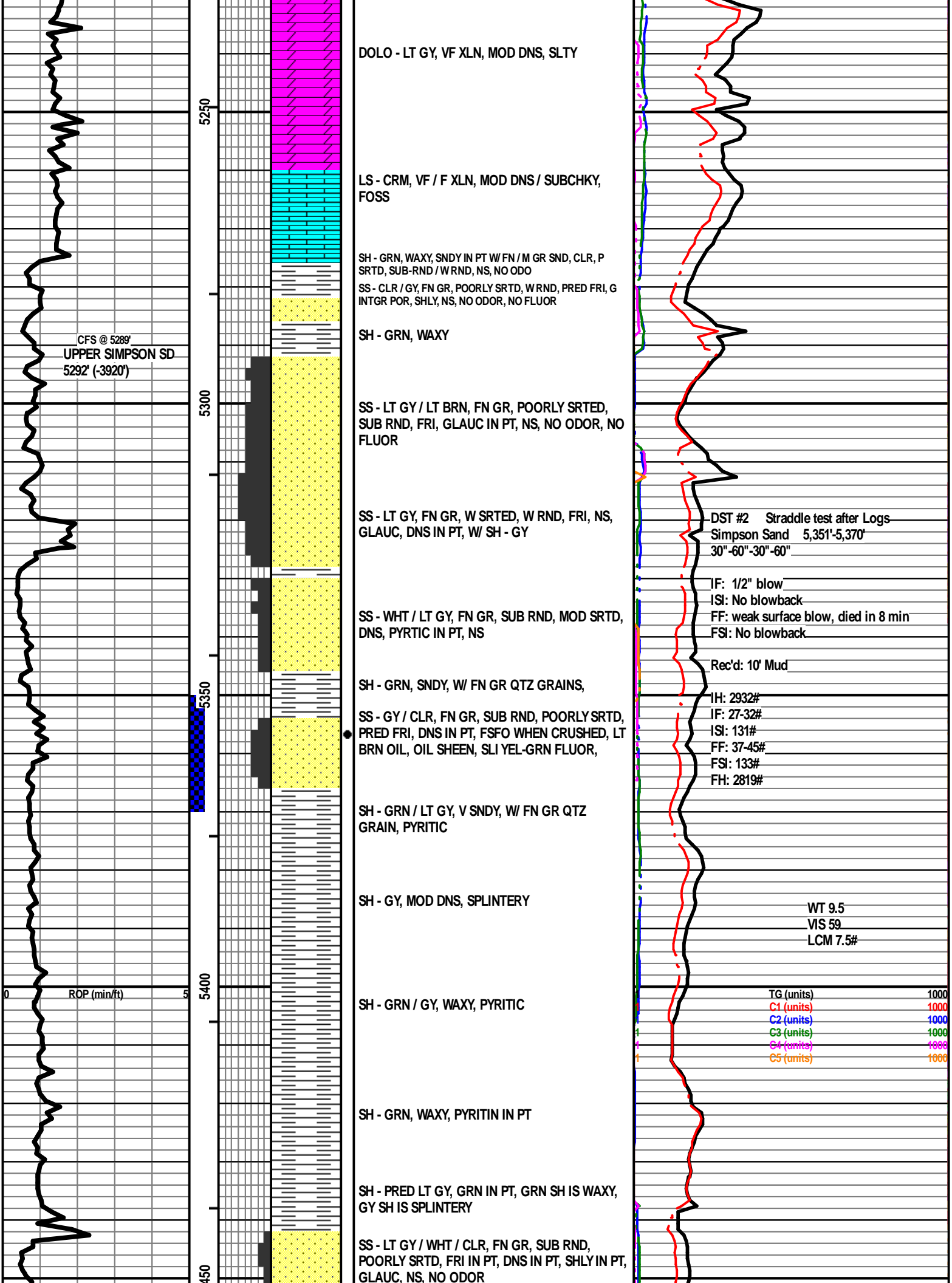
DST #1
Misener 5,110'-5,132'
30"-60"-45"-90"

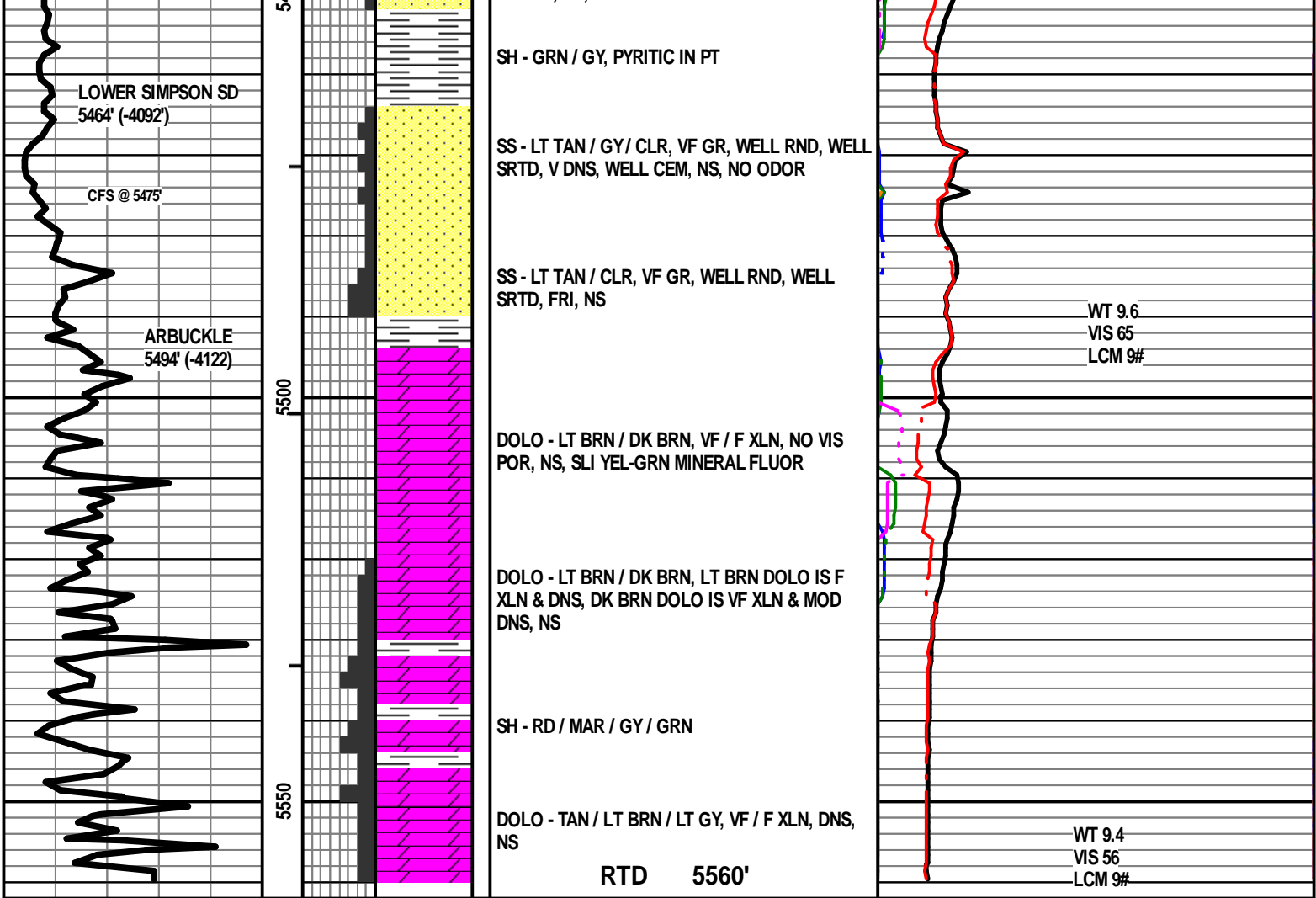
IF: BOB in 12min
ISI: 1/2" blowback
FF: BOB in 30min
FSI: No blowback

Rec'd: 2680' GIP, 440' W, 31'
SOMCW (2% O, 24% M, 74% W)

IH: 2653#
IF: 84-155#
ISI: 1738#
FF: 164-249#
FSI: 1742#
FH: 2554#

TG (units) 1000
C1 (units) 1000
C2 (units) 1000
C3 (units) 1000
C4 (units) 1000
C5 (units) 1000







DRILL STEM TEST REPORT

Prepared For: **Indian Oil Co**

PO Box 209
Medicine Lodge, KS 67104

ATTN: Aaron Young

Achenbach D #1

1-35s-12w Barber,KS

Start Date: 2016.01.20 @ 14:26:26

End Date: 2016.01.20 @ 23:41:56

Job Ticket #: 57976 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2016.01.22 @ 16:11:23

Indian Oil Co
1-35s-12w Barber,KS
Achenbach D #1
DST # 1
MIsener
2016.01.20



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Indian Oil Co
PO Box 209
Medicine Lodge, KS 67104
ATTN: Aaron Young

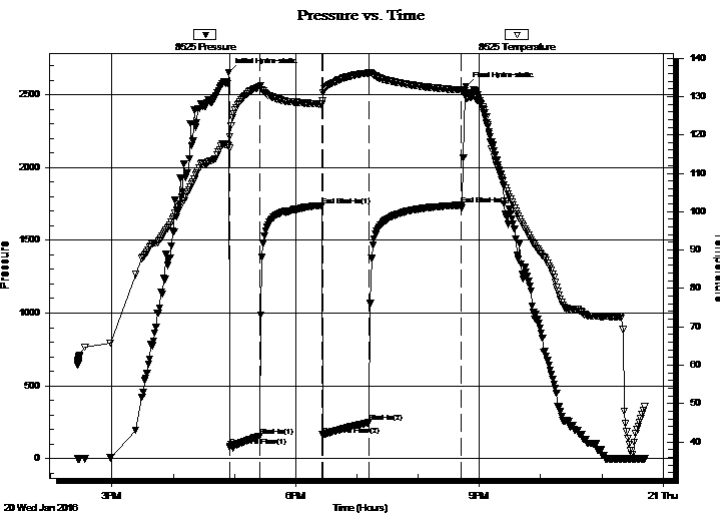
1-35s-12w Barber,KS
Achenbach D #1
Job Ticket: 57976 **DST#: 1**
Test Start: 2016.01.20 @ 14:26:26

GENERAL INFORMATION:

Formation: **Misener**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:55:11
Time Test Ended: 23:41:56
Interval: **5110.00 ft (KB) To 5132.00 ft (KB) (TVD)**
Total Depth: 5132.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Leal Cason
Unit No: 74
Reference Elevations: 1372.00 ft (KB)
1359.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 8525 Inside
Press@RunDepth: 249.43 psig @ 5111.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.01.20 End Date: 2016.01.20 Last Calib.: 2016.01.20
Start Time: 14:26:27 End Time: 23:41:56 Time On Btm: 2016.01.20 @ 16:54:26
Time Off Btm: 2016.01.20 @ 20:46:56

TEST COMMENT: IF: Fair Blow , BOB in 12 minutes
IS: 1/2 inch Blow Back
FF: Weak Blow , BOB in 30 minutes
FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2652.93	117.15	Initial Hydro-static
1	84.21	116.55	Open To Flow (1)
31	154.60	132.67	Shut-In(1)
91	1738.00	128.04	End Shut-In(1)
92	164.38	129.01	Open To Flow (2)
138	249.43	136.16	Shut-In(2)
228	1741.88	131.77	End Shut-In(2)
233	2554.49	129.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	2680 GIP	0.00
440.00	Water	4.49
31.00	SOMCW 2%O 24%M 74%W	0.43

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Indian Oil Co
 PO Box 209
 Medicine Lodge, KS 67104
 ATTN: Aaron Young

1-35s-12w Barber, KS
Achenbach D #1
 Job Ticket: 57976 **DST#: 1**
 Test Start: 2016.01.20 @ 14:26:26

GENERAL INFORMATION:

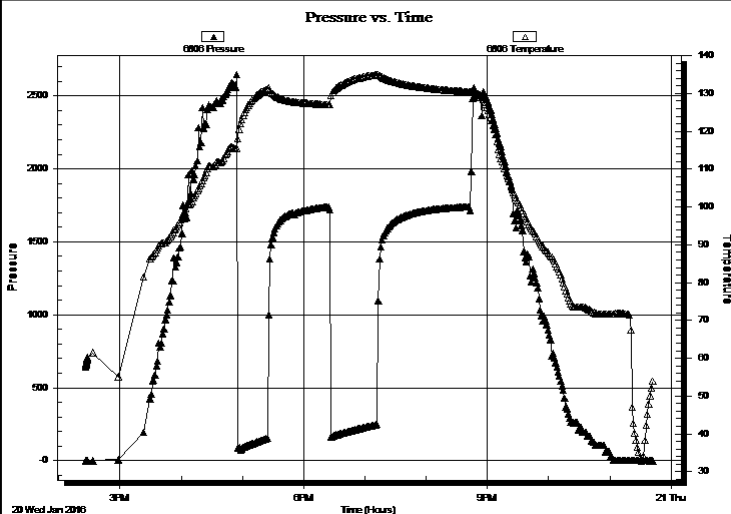
Formation: **Misener**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 16:55:11 Tester: Leal Cason
 Time Test Ended: 23:41:56 Unit No: 74
 Interval: **5110.00 ft (KB) To 5132.00 ft (KB) (TVD)** Reference Elevations: 1372.00 ft (KB)
 Total Depth: 5132.00 ft (KB) (TVD) 1359.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 13.00 ft

Serial #: 6806

Outside

Press@RunDepth: psig @ 5111.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.01.20 End Date: 2016.01.20 Last Calib.: 2016.01.20
 Start Time: 14:26:27 End Time: 23:41:56 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Fair Blow , BOB in 12 minutes
 IS: 1/2 inch Blow Back
 FF: Weak Blow , BOB in 30 minutes
 FS: No Blow Back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
0.00	2680 GIP	0.00
440.00	Water	4.49
31.00	SOMCW 2%O 24%M 74%W	0.43

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Indian Oil Co
PO Box 209
Medicine Lodge, KS 67104
ATTN: Aaron Young

1-35s-12w Barber,KS
Achenbach D #1
Job Ticket: 57976 **DST#: 1**
Test Start: 2016.01.20 @ 14:26:26

Tool Information

Drill Pipe:	Length: 4915.00 ft	Diameter: 3.80 inches	Volume: 68.94 bbl	Tool Weight: 2100.00 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: 185.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 110000.0 lb
			<u>Total Volume: 69.85 bbl</u>	Tool Chased 4.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 79000.00 lb
Depth to Top Packer:	5110.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	48.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Shale Packer on Bottom

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

Shut In Tool	5.00			5089.00	
Hydraulic tool	5.00			5094.00	
Jars	5.00			5099.00	
Safety Joint	2.00			5101.00	
Packer	5.00			5106.00	26.00 Bottom Of Top Packer
Packer	4.00			5110.00	
Stubb	1.00			5111.00	
Recorder	0.00	8525	Inside	5111.00	
Recorder	0.00	6806	Outside	5111.00	
Perforations	18.00			5129.00	
Bullnose	3.00			5132.00	22.00 Bottom Packers & Anchor

Total Tool Length: 48.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Indian Oil Co
PO Box 209
Medicine Lodge, KS 67104
ATTN: Aaron Young

1-35s-12w Barber, KS
Achenbach D #1
Job Ticket: 57976 **DST#: 1**
Test Start: 2016.01.20 @ 14:26:26

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:	78000 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	2680 GIP	0.000
440.00	Water	4.487
31.00	SOMCW 2%O 24%M 74%W	0.435

Total Length: 471.00 ft Total Volume: 4.922 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW w as .18 @ 38 degrees

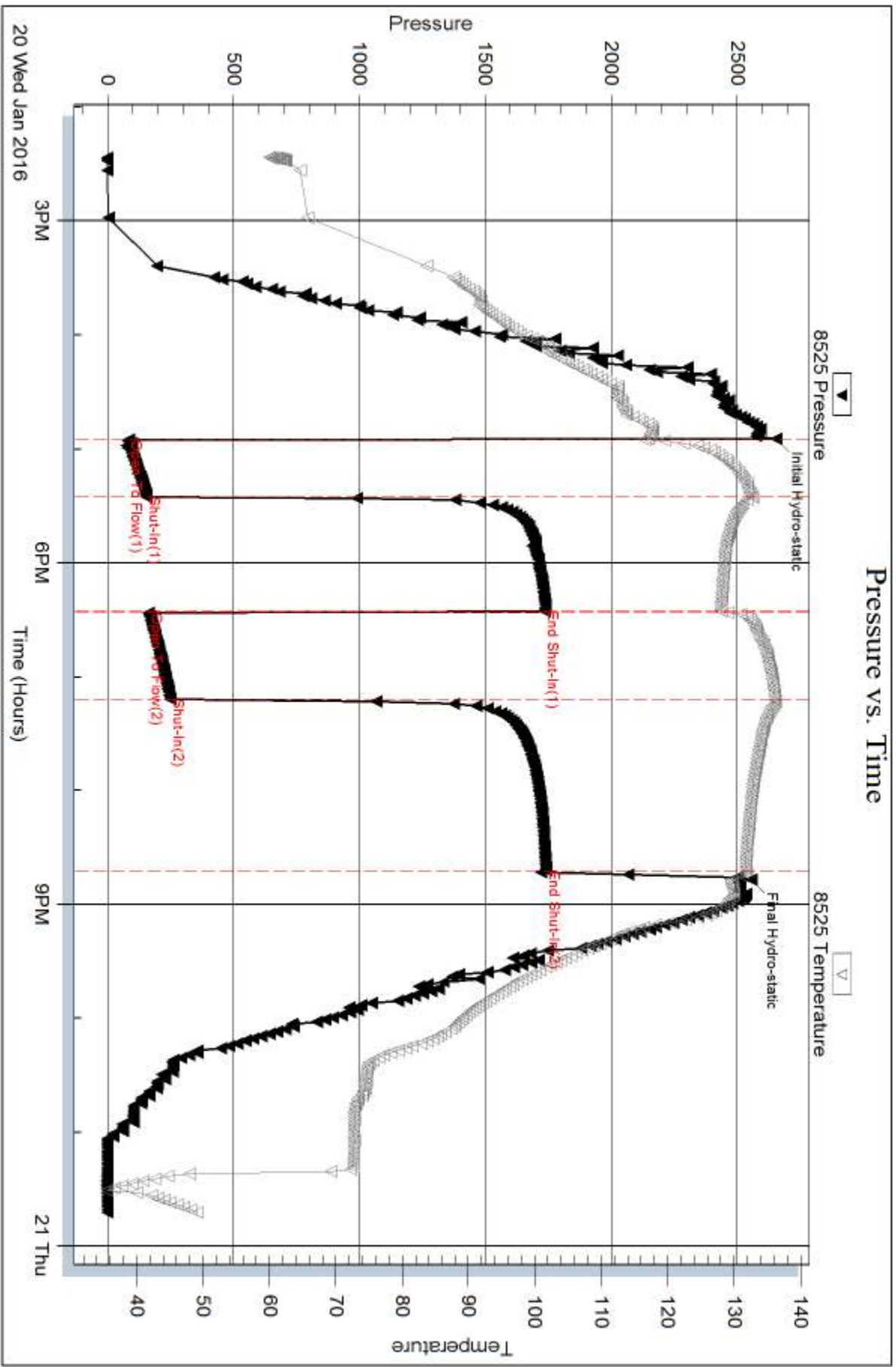
Serial #: 8525

Inside

Indian Oil Co

Achenbach D#1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 57976

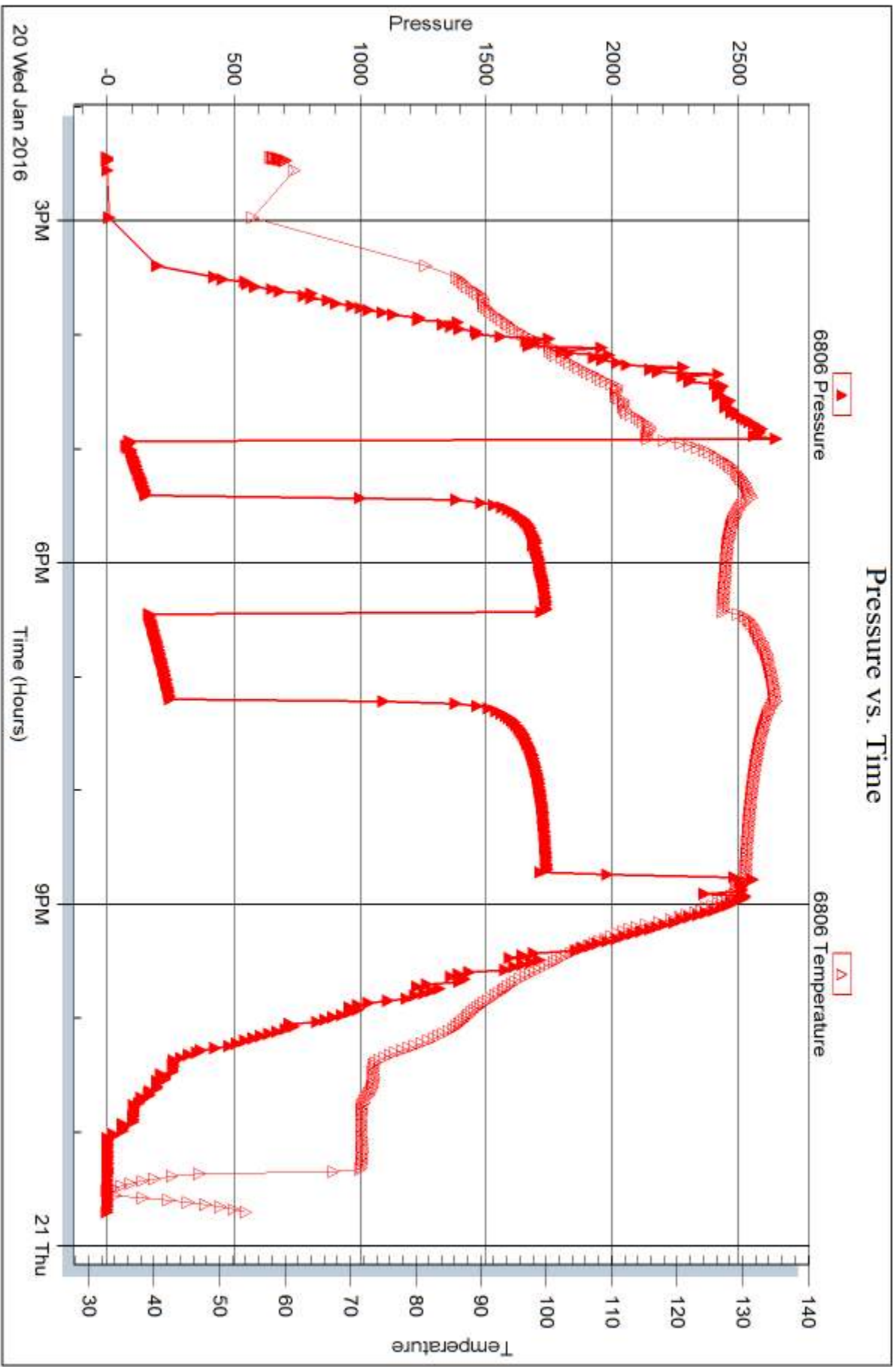
Printed: 2016.01.22 @ 16:12:08

Serial #: 6806

Outside Indian Oil Co

Achenbach D#1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 57976

Printed: 2016.01.22 @ 16:12:08



DRILL STEM TEST REPORT

Prepared For: **Indian Oil Co**

PO Box 209
Medicine Lodge, KS 67104

ATTN: Aaron Young

Achenbach D #1

1-35s-12w Barber,KS

Start Date: 2016.01.22 @ 05:53:37

End Date: 2016.01.22 @ 13:45:37

Job Ticket #: 57977 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2016.01.22 @ 16:09:52

Indian Oil Co
1-35s-12w Barber,KS
Achenbach D #1
DST # 2
Simpson
2016.01.22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Indian Oil Co
PO Box 209
Medicine Lodge, KS 67104
ATTN: Aaron Young

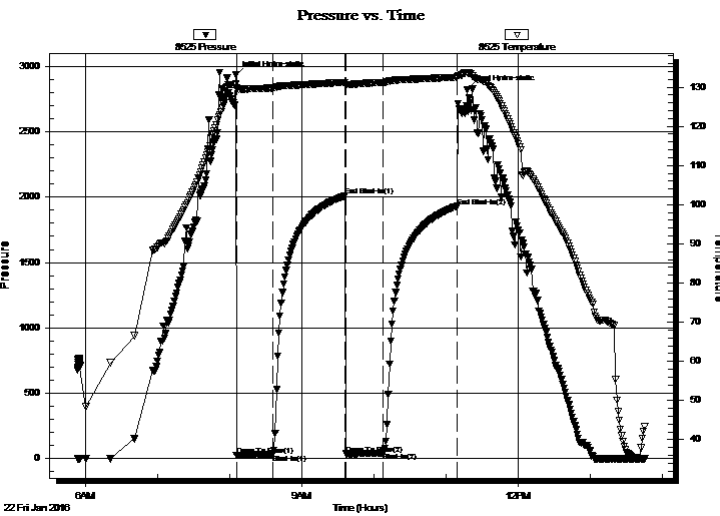
1-35s-12w Barber,KS
Achenbach D #1
Job Ticket: 57977 **DST#: 2**
Test Start: 2016.01.22 @ 05:53:37

GENERAL INFORMATION:

Formation: **Simpson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:05:37
Time Test Ended: 13:45:37
Test Type: Conventional Straddle (Reset)
Tester: Leal Cason
Unit No: 74
Interval: **5351.00 ft (KB) To 5370.00 ft (KB) (TVD)**
Reference Elevations: 1372.00 ft (KB)
Total Depth: 5560.00 ft (KB) (TVD) 1359.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 13.00 ft

Serial #: 8525 Inside
Press@RunDepth: 45.32 psig @ 5352.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.01.22 End Date: 2016.01.22 Last Calib.: 2016.01.22
Start Time: 05:53:38 End Time: 13:45:37 Time On Btm: 2016.01.22 @ 08:04:52
Time Off Btm: 2016.01.22 @ 11:17:07

TEST COMMENT: IF: Weak 1/2 inch Blow
IS: No Blow Back
FF: Weak Surface Blow, Dead @ 8 minutes
FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2932.45	130.77	Initial Hydro-static
1	26.96	129.56	Open To Flow (1)
31	31.91	129.78	Shut-In(1)
92	2011.00	131.25	End Shut-In(1)
92	36.84	130.72	Open To Flow (2)
123	45.32	131.22	Shut-In(2)
184	1929.87	132.55	End Shut-In(2)
193	2818.94	133.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.05

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Indian Oil Co
 PO Box 209
 Medicine Lodge, KS 67104
 ATTN: Aaron Young

1-35s-12w Barber, KS
Achenbach D #1
 Job Ticket: 57977 **DST#: 2**
 Test Start: 2016.01.22 @ 05:53:37

GENERAL INFORMATION:

Formation: **Simpson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:05:37
 Time Test Ended: 13:45:37
Interval: 5351.00 ft (KB) To 5370.00 ft (KB) (TVD)
 Total Depth: 5560.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

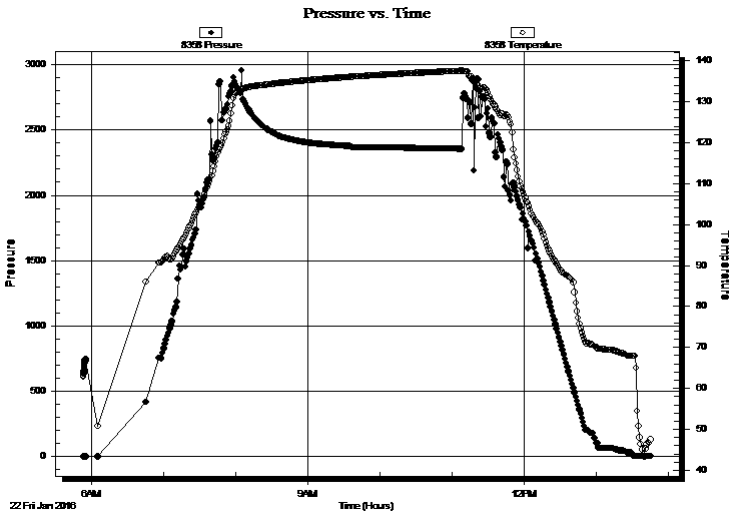
Test Type: Conventional Straddle (Reset)
 Tester: Leal Cason
 Unit No: 74

Reference Elevations: 1372.00 ft (KB)
 1359.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8358 Below (Straddle)

Press@RunDepth: psig @ 5394.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2016.01.22 End Date: 2016.01.22	Last Calib.: 2016.01.22
Start Time: 05:53:38 End Time: 13:45:52	Time On Btm:
	Time Off Btm:

TEST COMMENT: IF: Weak 1/2 inch Blow
 IS: No Blow Back
 FF: Weak Surface Blow , Dead @ 8 minutes
 FS: No Blow Back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)
10.00	Mud	0.05

* Recovery from multiple tests

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Indian Oil Co
PO Box 209
Medicine Lodge, KS 67104
ATTN: Aaron Young

1-35s-12w Barber,KS
Achenbach D #1
Job Ticket: 57977 **DST#: 2**
Test Start: 2016.01.22 @ 05:53:37

Tool Information

Drill Pipe:	Length: 5168.00 ft	Diameter: 3.80 inches	Volume: 72.49 bbl	Tool Weight:	2100.00 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: 185.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose:	110000.0 lb
			<u>Total Volume: 73.40 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	84000.00 lb
Depth to Top Packer:	5351.00 ft			Final	84000.00 lb
Depth to Bottom Packer:	5370.00 ft				
Interval between Packers:	19.00 ft				
Tool Length:	235.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: Shale Packer On Bottom of Heavy Tool
Shale Packer as Straddle Packer

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5330.00	
Hydraulic tool	5.00			5335.00	
Jars	5.00			5340.00	
Safety Joint	2.00			5342.00	
Packer	5.00			5347.00	26.00 Bottom Of Top Packer
Packer	4.00			5351.00	
Stubb	1.00			5352.00	
Recorder	0.00	8525	Inside	5352.00	
Recorder	0.00	6806	Outside	5352.00	
Perforations	17.00			5369.00	
Blank Off Sub	1.00			5370.00	19.00 Tool Interval
Packer	3.00			5373.00	
Perforations	20.00			5393.00	
Change Over Sub	1.00			5394.00	
Recorder	0.00	8358	Below	5394.00	
Drill Pipe	158.00			5552.00	
Change Over Sub	1.00			5553.00	
Perforations	4.00			5557.00	
Bullnose	3.00			5560.00	190.00 Bottom Packers & Anchor

Total Tool Length: 235.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Indian Oil Co
PO Box 209
Medicine Lodge, KS 67104
ATTN: Aaron Young

1-35s-12w Barber,KS
Achenbach D #1
Job Ticket: 57977 **DST#: 2**
Test Start: 2016.01.22 @ 05:53:37

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

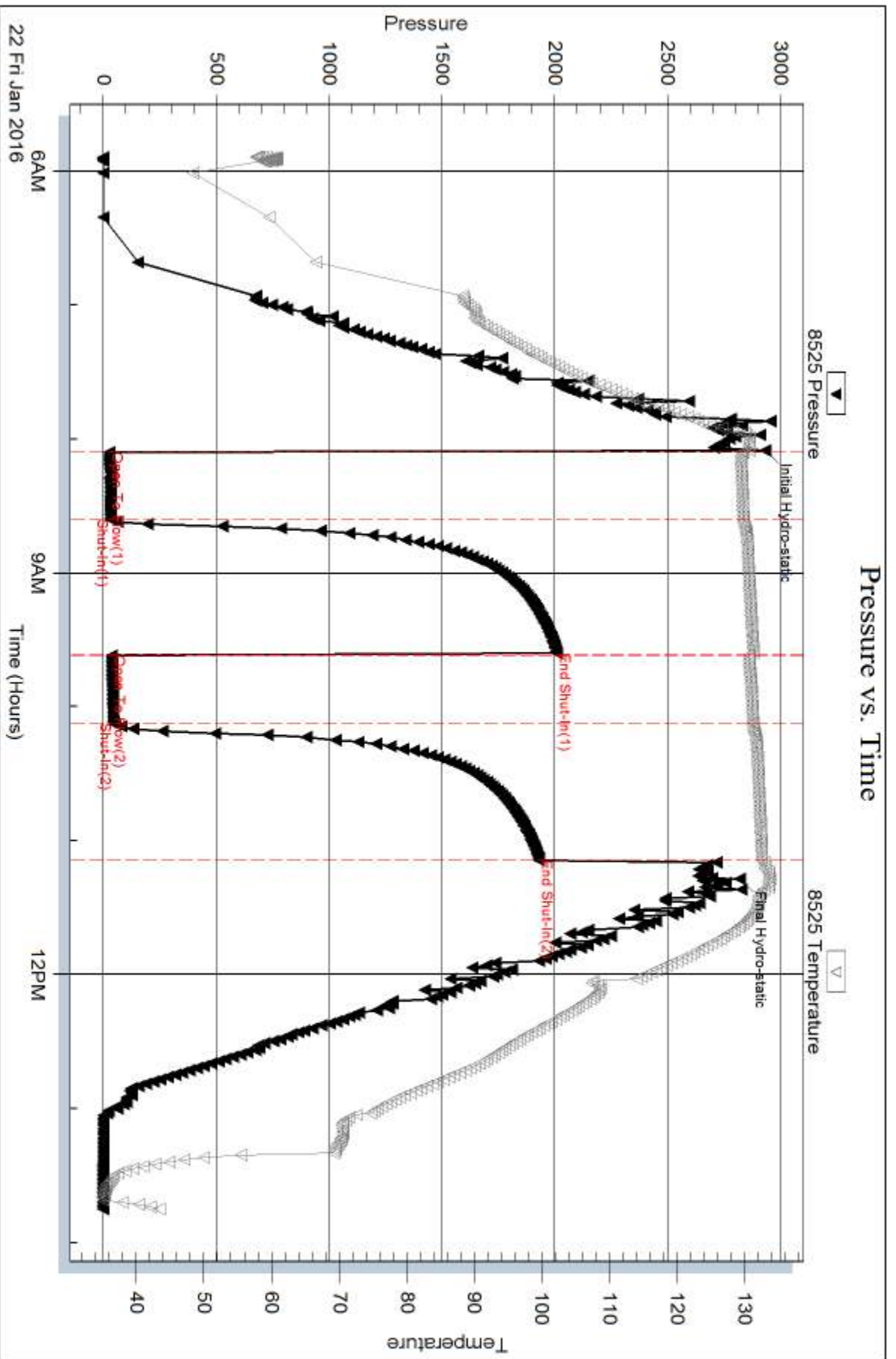
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Inside

Indian Oil Co

Achenbach D#1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 57977

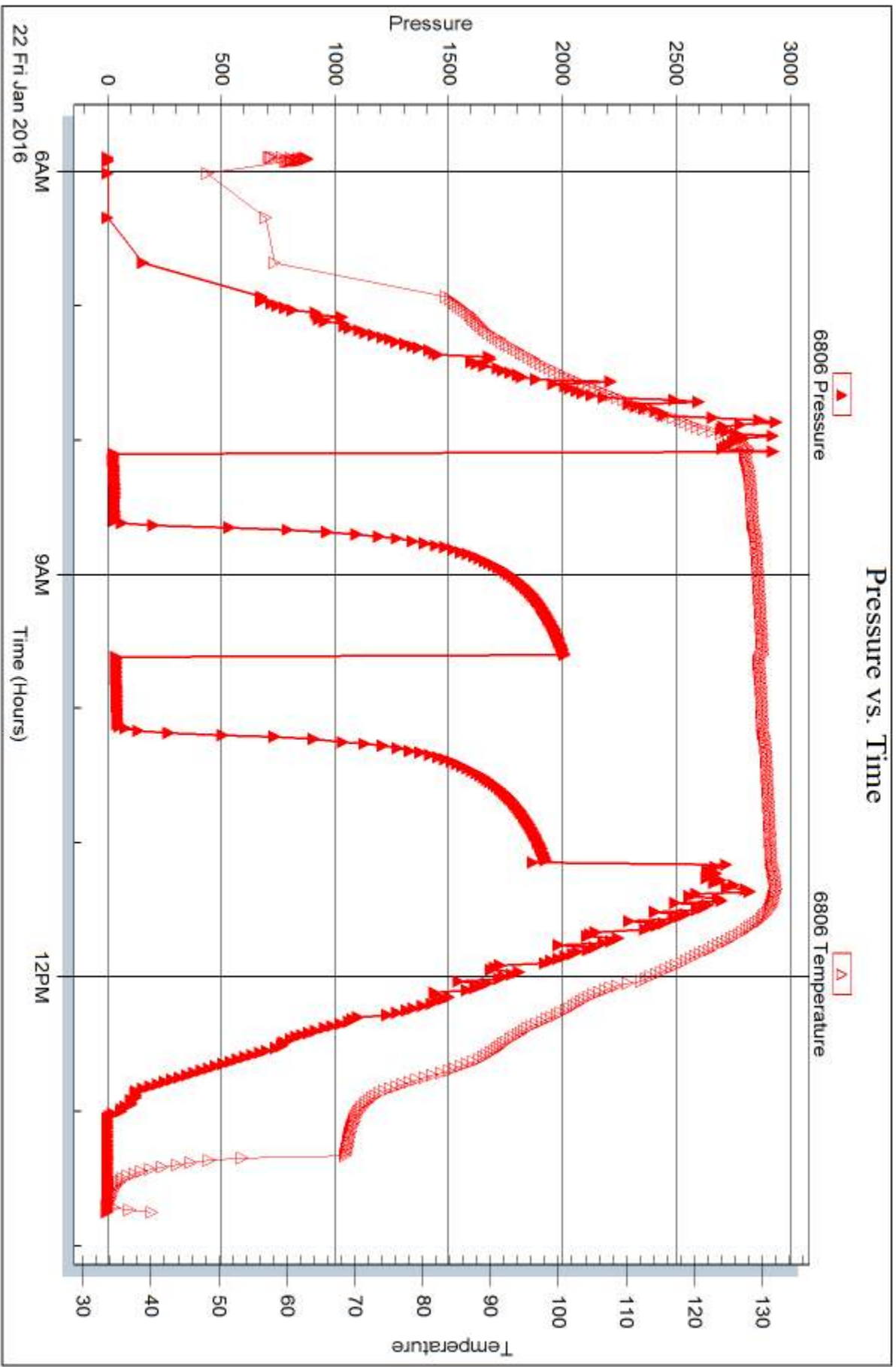
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Serial #: 6806

Outside Indian Oil Co

Achenbach D#1

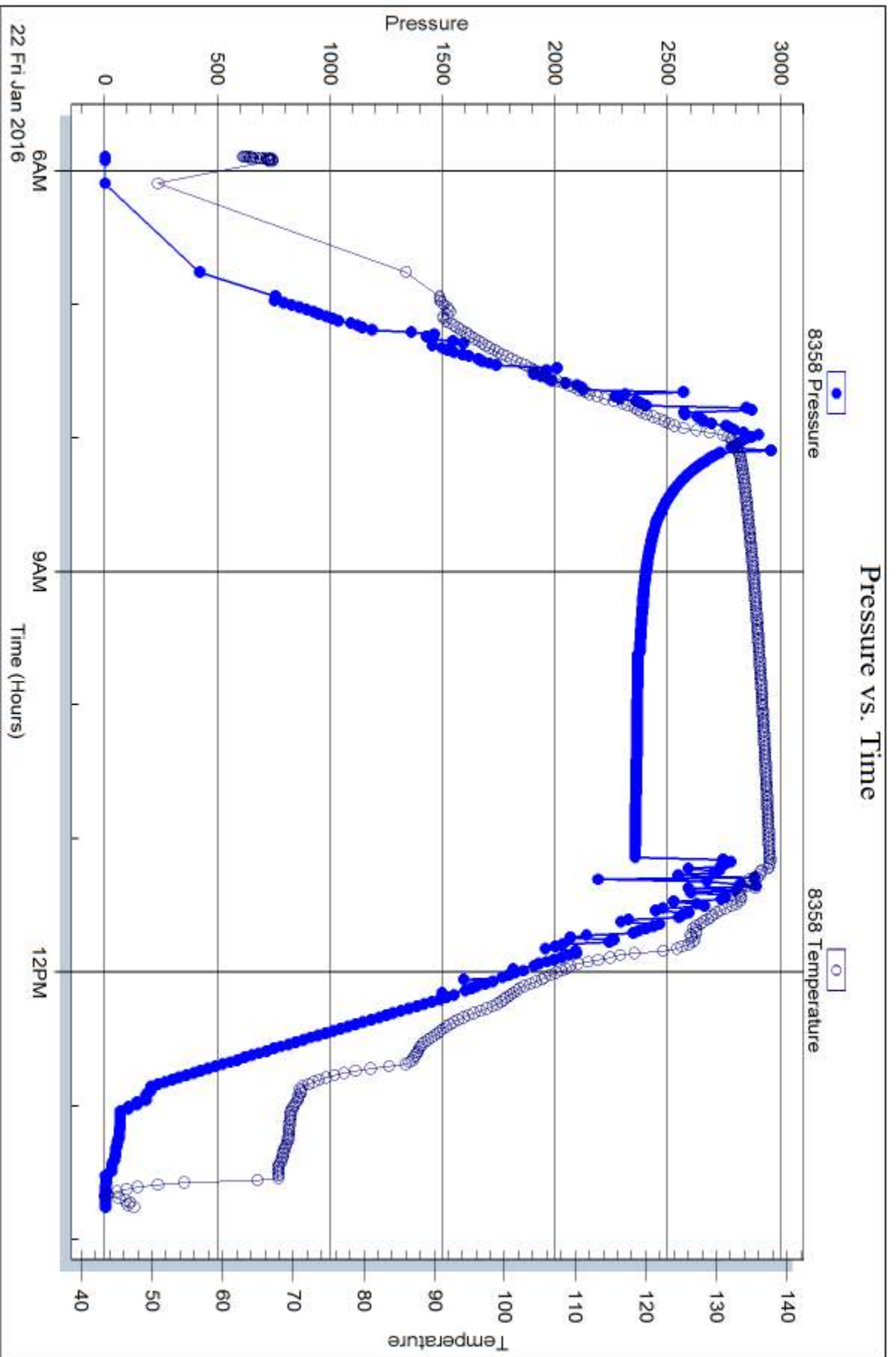
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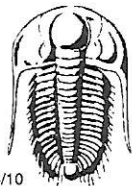


Trilobite Testing, Inc

Ref. No: 57977

Printed: 2016.01.22 @ 16:10:14





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57976

Well Name & No. Achenbach D 1 Test No. 1 Date 01/20/16
 Company Indian oil co Elevation 1372 KB 1359 GL
 Address PO Box 209 Medicine Lodge, KS 67104
 Co. Rep / Geo. Aaron Young Rig Duke 7
 Location: Sec. 1 Twp. 35S Rge. Dw Co. Barber State KS

Interval Tested 5110 - 5132 Zone Tested Misener
 Anchor Length 22 Drill Pipe Run 4915 Mud Wt. 9.3
 Top Packer Depth 5105 Drill Collars Run 185 Vis 53
 Bottom Packer Depth 5110 Wt. Pipe Run 6 WL 8.8
 Total Depth 5132 Chlorides 3000 ppm System LCM 10

Blow Description FF: Fair Blow, BOB in 12 minutes
FSI: 12 inch Blow Back
FF: Weak Blow, BOB in 30 minutes
FSI: NO Blow Back

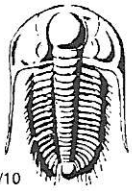
Rec	Feet of	%gas	%oil	%water	%mud
<u>2680</u>	<u>GIP</u>				
<u>31</u>	<u>SOMCW</u>		<u>2</u>	<u>74</u>	<u>24</u>
<u>440</u>	<u>water</u>				

Rec Total 471 BHT 132 Gravity NIC API RW 18 @ 38 °F Chlorides 78000 ppm

(A) Initial Hydrostatic <u>2653</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>11:30</u>
(B) First Initial Flow <u>84</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>14:26</u>
(C) First Final Flow <u>155</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>16:55</u>
(D) Initial Shut-In <u>1738</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>20:42</u>
(E) Second Initial Flow <u>164</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>23:41</u>
(F) Second Final Flow <u>249</u>	<input checked="" type="checkbox"/> Mileage <u>120</u> <u>110</u>	Comments
(G) Final Shut-In <u>1742</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2554</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1935</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1935</u>	

Approved By [Signature] Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57977

Well Name & No. Achenbach D 1 Test No. 2 Date 01/22/16
 Company Indian Oil Co Elevation 1372 KB 1359 GL
 Address PO BOX 209 Medicine Lodge, KS 67104
 Co. Rep / Geo. Agron Young Rig Duke 7
 Location: Sec. 1 Twp. 35S Rge. 12W Co. Barber State KS

Interval Tested 5351 - 5370 Zone Tested Simpson
 Anchor Length 19 Drill Pipe Run 5168 Mud Wt. 9.5
 Top Packer Depth 5346 Drill Collars Run 185 Vis 59
 Bottom Packer Depth 5370 Wt. Pipe Run 0 WL 9.6
 Total Depth 5560 Chlorides 5000 ppm System LCM 7 1/2

Blow Description IF: weak 1/2 inch Blow
IST: NO Blow Back
FF: weak Surface Blow, dead @ 8 minutes
FST: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Mud</u>				

Rec Total 10 BHT 133 Gravity NIC API RW NIC @ NIC °F Chlorides NIC ppm

(A) Initial Hydrostatic	<u>2932</u>	<input checked="" type="checkbox"/> Test	<u>1250</u>	T-On Location	<u>04:45</u>
(B) First Initial Flow	<u>27</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>05:53</u>
(C) First Final Flow	<u>32</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>08:05</u>
(D) Initial Shut-In	<u>2011</u>	<input type="checkbox"/> Circ Sub		T-Pulled	<u>11:08</u>
(E) Second Initial Flow	<u>37</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>13:45</u>
(F) Second Final Flow	<u>45</u>	<input checked="" type="checkbox"/> Mileage	<u>120</u> ↑ <u>110</u>	Comments	<u>Successful Straddle</u>
(G) Final Shut-In	<u>1930</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>2818</u>	<input checked="" type="checkbox"/> Straddle	<u>600</u>	<input type="checkbox"/> Ruined Shale Packer	
		<input checked="" type="checkbox"/> Shale Packer	<u>2</u> <u>500</u>	<input type="checkbox"/> Ruined Packer	
Initial Open	<u>30</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Initial Shut-In	<u>60</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>0</u>
Final Flow	<u>30</u>	<input type="checkbox"/> Day Standby		Total	<u>2785</u>
Final Shut-In	<u>60</u>	<input type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	<u>2785</u>		

Approved By Ron Gray Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damages of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.