KOLAR Document ID: 1425439

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 #		API No.:			
Name:		Spot Description:			
Address 1:					
Address 2:		Feet from			
City: State:	Zip:+	Feet from _ East / _ West Line of Section			
Contact Person:		Footages Calculated from Nearest Outside Section Corner:			
Phone: ()		□NE □NW □SE □SW			
CONTRACTOR: License #		GPS Location: Lat:, Long:			
Name:		(e.g. xx.xxxxx) (e.gxxx.xxxxxx)			
Wellsite Geologist:		Datum: NAD27 NAD83 WGS84			
Purchaser:		County:			
Designate Type of Completion:		Lease Name: Well #:			
New Well Re-Entry	Workover	Field Name:			
	SWD	Producing Formation:			
	EOR	Elevation: Ground: Kelly Bushing:			
	GSW	Total Vertical Depth: Plug Back Total Depth:			
CM (Coal Bed Methane)		Amount of Surface Pipe Set and Cemented at: Feet			
Cathodic Other (Core, Expl.,	etc.):	Multiple Stage Cementing Collar Used?			
If Workover/Re-entry: Old Well Info as for	ollows:	If yes, show depth set: Feet			
Operator:		If Alternate II completion, cement circulated from:			
Well Name:		feet depth to:w/sx cmt.			
Original Comp. Date: C	Original Total Depth:				
Deepening Re-perf.	Conv. to EOR Conv. to SWD	Drilling Fluid Management Plan			
☐ Plug Back ☐ Liner ☐ (Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)			
	9-11	Chloride content: ppm Fluid volume: bbls			
	nit #:	Dewatering method used:			
	nit #: nit #:	Location of fluid disposal if hauled offsite:			
	nit #:	Location of fluid disposal if flauled offsite.			
	nit #:	Operator Name:			
_		Lease Name: License #:			
Spud Date or Date Reached	TD Completion Date or	Quarter Sec TwpS. R			
Recompletion Date	Recompletion Date	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:

KOLAR Document ID: 1425439

Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS. F	R [East	West	County:					
open and closed and flow rates if	, flowing and sh gas to surface t ty Log, Final Lo	nut-in pressurest, along wit	es, whe h final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if r and Final Electr	station more : ric Loc	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool erature, fluid recovery, Digital electronic log
Drill Stem Tests (Attach Addit			Ye	es No		Lo	og Formatio	n (Top), Deptl	n and Datum	Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name)		Тор	Datum
Cores Taken Electric Log Run Geologist Repor List All E. Logs F	t / Mud Logs		Y€ Y€	es No						
			Repo		RECORD [Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[Depth	Typo		# Sacks Use		EEZE RECORD	Typo a	nd Percent Additives	
Perforate Protect Ca Plug Back	Top	Bottom	Type of Cement		# Sacks Used Type and Perce		ia Percent Additives			
Plug Off Z										
Did you perform Does the volum Was the hydraul	e of the total base	fluid of the hyd	draulic fra	cturing treatmen		•	Yes ns? Yes	No (If No	, skip questions 2 an , skip question 3) , fill out Page Three o	,
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	Pumping Mcf	Wate		ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	DISPOSITION OF GAS: ME		METHOD OF COMPLETION: PRODUCTION		N INTERVAL:					
Vented	Sold Use	d on Lease		Open Hole		Dually		nmingled	Тор	Bottom
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (Subi	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom				Record				
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion		
Operator	Vincent Oil Corporation		
Well Name	MALONEY 1-15		
Doc ID	1425439		

All Electric Logs Run

Dual Induction	
Density-Neutron	
Micro-log	
Sonic	

Form	ACO1 - Well Completion		
Operator	Vincent Oil Corporation		
Well Name	MALONEY 1-15		
Doc ID	1425439		

Tops

Name	Тор	Datum
Onaga Shale	2180	(-587)
Heebner Shale	3132	(-1539)
Brown Limestone	3344	(-1751)
Lansing	3356	(-1763)
Stark Shale	3695	(-2102)
Cherokee Shale	3935	(-2342)
Mississippian	4012	(-2419)
Mississippian Limestone	4119	(-2526)
Kinderhook Shale	4198	(-2605)
Viola	4360	(-2767)
Simpson	4405	(-2812)
Simpson Sand	4414	(-2821)
RTD	4470	(-2870)

Form	ACO1 - Well Completion		
Operator	Vincent Oil Corporation		
Well Name	MALONEY 1-15		
Doc ID	1425439		

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugTyp e	BridgePlugSet At	Material Record
4	4058	4064			Perf, ran in with tubing string to 4156, swab 21 bbl/hr, KO flowing all water, died in 20", SDFN
					FL at 1400', swab 20 bbl/hr for 3 hrs, all water, well KO flowing all water, killed well & pulled tubing, SDFN
4	4014	4024	CIBP Cast Iron Bridge Plug	4052	Set CIBP @4052, perf 4014 -4024, ran tubing, Acidized w/ 750 gal MCA, swab 18-25 bbl water / hr, KO flowing water, SI, SDFN

Form	ACO1 - Well Completion		
Operator	Vincent Oil Corporation		
Well Name	MALONEY 1-15		
Doc ID	1425439		

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugTyp e	BridgePlugSet At	Material Record
					Ran in with tubing & packer & pressure tested CIBP at 4052; Sqzd perfs w/ 100 sx
					Drilled out cement & pressure tested csg to 500#. Pulled tubing & bit, SDFN
4	4014	4024			Re-perf 4014 - 4024', ran in with tubing to 4035, Acidized w/ 250 gal MCA, swabbed 3hrs well KO flowing, SI, SDFN

Form	ACO1 - Well Completion		
Operator	Vincent Oil Corporation		
Well Name	MALONEY 1-15		
Doc ID	1425439		

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugTyp e	BridgePlugSet At	Material Record
					SICP 830#, SITP 260#, Flowed well for 7 hrs, inital rate 720 MCFG, final rate 1065 MCFG, SI 8-2- 2018
					Set surface equipment and layed gas line to meter hook up, Turned to production 10- 4-2018

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	MALONEY 1-15
Doc ID	1425439

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	310	60/40 POZ		2% Gel, 3% cc &.25# Cel- Flake/sx
Production	7.875	4.5	10.5	4285	Pro C	150	2% Gel, 10% Salt & 5# Kol- seal/sx

QUALITY WELL SERVICE, INC. Federal Tax I.D. # 481187368

6869

Federal Tax I.D. # 481187368 Home Office 30060 N. Hwy 281, Pratt, KS 67124 Mailing Address P.O. Box 468

Office 620-727-3410 Fax 620-672-3663 Rich's Cell 620-727-3409 Brady's Cell 620-727-6964

Sec.	Twp.	Range		County	State	On Location	Finish	
Date 6-24-13 /5	Zas	36	LBU	namon	L KS	L		
Lease MALOHE? V	Vell No.	1-15	Locati	on Kingm	anki Wto	SWSV S	a.t. SW3	
Contractor DUKE DIE	Contractor DUKE DIELS 7					3		
Type Job SURFACE				You are here	ell Service, Inc. by requested to rent	cementing equipmen	t and furnish	
Hole Size / 2 1/4	T.D.	314'		cementer an	d helper to assist own	ner or contractor to de	o work as listed.	
Csg. 85/3 23"	Depth	3//		Charge To	INCENT OIL	Coepoeptic	W.	
Tbg. Size	Depth			Street				
Tool	Depth			City		State		
Cement Left in Csg. 05'	Shoe Jo	oint		The above wa	s done to satisfaction ar	nd supervision of owner	agent or contractor.	
Meas Line	Displace	e		Cement Amo	ount Ordered 27	5 3x 60 AC	2	
EQUIP	MENT			21.6=1	3% CL 1/4	' CF		
Pumptrk B No. T5				Common /	65			
Bulktrk / No. M. K.				Poz. Mix /	10			
Bulktrk No.				Gel.	5			
Pickup No. Ton)			Calcium	9			
JOB SERVICES	& REMA	RKS		Hulls				
Rat Hole				Salt				
Mouse Hole				Flowseal 68.75				
Centralizers				Kol-Seal				
Baskets				Mud CLR 48				
D/V or Port Collar				CFL-117 or CD110 CAF 38				
Rm 7 H'S 8762	23 ° 03	S		Sand				
SEL D 311'		7		Handling 239				
Can Batton				Mileage 30				
Hook in to US B	15016	Ciecli	lilic	FLOAT EQUIPMENT				
STAT RUDDING 10	Bb/1	1+70	J	Guide Shoe				
MIX Pom 275 5	160	140		Centralizer				
21.68.31.16. 4 (1	-			Baskets				
Disa 13 5 Bb/ 1	25			AFU Inserts				
Class Value DIO 68		00 F		Float Shoe				
POUR CIRC + WW ID3				Latch Down				
CIZL CUT TO P.F		LMJ 30						
3)~				SERVICE	SDERVISOR			
				Pumptrk Cha				
Thenk you				LIZAN .	0			
	GAID					Tax		
7020 TS	(M)	7.6				Discount		
Y 2/ - 7						Total Charge		
Signature (1/0) J Karch								

6875

QUALITY WELL SERVICE, INC. Federal Tax I.D. # 481187368

Home Office 30060 N. Hwy 281, Pratt, KS 67124 Mailing Address P.O. Box 468

Office 620-727-3410 Fax 620-672-3663

Rich's Cell 620-727-3409 Brady's Cell 620-727-6964

S	ec. Twp.	Range		Çounty	State	On Location	Finish		
Date 7-4-13 /:	5 235	9W	K	100/11/20	El				
Lease Maloner	Well No.	1-15	Locati	on					
Contractor DOKE T)7/a	7		Owner	MINCENT D	1- CORP			
Type Job 51/2 2.5.				To Quality We	ell Service, Inc.	cementina equipmen	t and furnish		
Hole Size 77/3	T.D. 4	1470		cementer an	d helper to assist own	ner or contractor to d	o work as listed.		
Csg. 41/2	Depth	4285		Charge To	Unicot Oil	. Corp			
Tbg. Size	Depth			Street	· · · · · · · · · · · · · · · · · · ·	<u> </u>			
Tool	Depth			City		State			
Cement Left in Csg.	Shoe Jo	Int 4213		The above wa	s done to satisfaction ar	nd supervision of owner	agent or contractor.		
Meas Line	Displace	10746		Cement Amo		SX PROC			
	UIPMENT			21.650	4). Plaster 1	1/501-5/x	KOSEAL		
Pumptrk 8 No. T	5			Common	200				
Bulktrk / No. ///	E			Poz. Mix					
Bulktrk No.				Gel.					
Pickup No.	000			Calcium					
JOB SERVI	CES & REMAR	RKS		Hulls					
Rat Hole 30				Salt 22					
Mouse Hole 20				Flowseal					
Centralizers 1-3-5-4	9-11			Kol-Seal / 200					
Baskets				Mud CLR 48 500 9/1C					
D/V or Port Collar				CFL-117 or CD110 CAF 38					
Bon 102 2159	12 10.5'	SET) 42	85_	Sound CC-1 69AL					
Romo 5 dds H20	12865 M	F 5H/s	112	Handling 226					
Plog R-M Holes	50%			Mileage 30					
MIR" POND 150:	x Pulo C	» •		S//2 FLOAT EQUIPMENT					
Dun Cg.				Guide Shoe					
SHIT DUN WA	isto to tok	2		Centralizer 6					
STOK 0:50 2% K	(CL)			Baskets					
LICH PS. 55 Bbls	at 50.)		AFU Inserts					
1 Aul Phys 1700) 1			Float Shoo 1 To F 2 600 Place					
RELEASE OS		Latch Down							
INSU HELD		LM1 30							
				SERVICE	SUDERVISIL				
Think You		Pumptrk Charge (2009)							
PLONED		Mileage 60							
V	VOVO IS MILE					Tax			
TH						Discount			
X Signature						Total Charge			





FIELD ORDER Nº C 45489

BOX 438 • HAYSVILLE, KANSAS 67060 316-524-1225

				DATE 7/21/10	8	20
IS AUTHOR	IIZED BY:	lincent Oil				
		(1)	NAME OF CUSTOMER)			
		Ci	ity		State	
	Lease <u>~c</u>	No-ey w	/ell No. <u>1-15</u>	Custome	r Order No.	
Sec. Twp. Range	15-2	8-8W Co	ounty kissan		State	ks
not to be held mplied, and no reatment is pa our invoicing d	llable for any da o representations yable. There wi epartment in acc	consideration hereof it is agreed that Copelar mage that may accrue in connection with said have been relied on, as to what may be the relied by the followed subsequent to such cordance with latest published price schedules himself to be duly authorized to sign this order.	d service or treatment. O results or effect of the se date. 6% interest will be s.	opeland Acid Service harvicing or treating said wonders of the charged after 60 days.	is made no re rell. The cons	presentation, expressed sideration of said service
	UST BE SIGNED IS COMMENCED	Well Owner or Ope	erator	Ву	Age	ent
CODE	QUANTITY	D	ESCRIPTION		UNIT	AMOUNT
2					COST	
	30	milecse pump druck			2.000	170.00
2	30	onileese pictup			C.	60,00
2	1	Dum Chase - Square				00,020
2	100	(One-			17.75/	1,275.00
2	SC) #	(-12			6.04	300.00
2	101	Bulk Charge		. 16/	nì.,	150,00
2		Bulk Truck Miles 4, 73 T × 30		L.		156.09
		Process License Fee on		allons	10%	3,011.09
				OTAL BILLING	14	-301.11
manner u	nder the dire	material has been accepted and use ction, supervision and control of the	owner, operator or	ervice was perform nis agent, whose si	ed in a goo gnature ap	od and workmanlike
Station G	.0			Vell Owner, Operat	Service.	
D				Well Owner, Operat	or or Agent	
Remarks_		NE	T 30 DAVS			



TREATMENT REPORT

Acid	& Cemer	nt as							Acid Stage No		
					Type Treatment:	Amt.		Type Fluid	Sand Size	Poun	ds of Sand
Date	7/27/2018	District GB	F.O.	No. C45489	Bkdown						
_	Vincent Oil	3				B	bl./Gal.				
	ne & No. Malon	ey 1-15				BI	bl./Gal.				
Location			w Field								
County	Kingman		State KS		Flush						
					Treated from			ft. to		No. ft.	0
Casing:	Size 4.5	" Type & Wt		Set at ft.	1.0			ft. to		No. ft,	0
Formation				to	from			ft. to		No. ft.	0
Formatio					Actual Volume of Oil /	Water to I					Bbl./Gal.
Formation				to							
	ize Type 8	R Wt.	Top at ft.	Bottom at ft.	Pump Trucks. No.	Used: St	td.	365 Sp.		Twin	
			_		Auxiliary Equipment				327	=	
Tubing:	Size & Wt.		Swung at		Personnel Nathan-T						
		from			Auxiliary Tools						_
					Plugging or Sealing Ma	terials:	Туре				
Open Hole	e Size	T.D.	ft. P	.B. to ft.	erserante.				Gals.		lb.
Company	Representative		Dan's Pa	cker	Treater			Nathan	W.		
TIME	-	SURES	1								
a.m./p.m.	Tubing	Casing	Total Fluid Pumped			REA	MARKS				
10:00	2"	4.5"		On Location.							
				S	Publice	to	11	5			
			1			1					
				Perfs-4014'-22'							
			†	Packer-3916'							
			T				-				
				Load annulus and	d pressure up	to 500)#				
		-									
				Take inj rate at 2	bpm-650#						
			-	101.01141.000							
				Mix 50sks Comm	on 1% C-12						
			1	Mix 50sks Comm						_	
				IVIIX SOSIG COITITI	Olli						
				Displace with 8bl	ols at 5hnm-2	იიი#					
				Wait 20 minutes.			nn# \	Nait 10 mir	nutes		
				Walt 20 Illinutes	Tressare ap	10 200	-011				
				Reverse out tubir	og and pull 1it	Dros	CUTA	up to 2000)#		
				venerae our rabii	ig and pun ijt	FIES	suic	up to 2000	717		
_				Dull to als and are	scure un escir	na to E	00#	Chut in			
			-	Pull tools and pre	essure up casii	ilg to s	HUU	Shut iii.			
				The section 1							
				Thank You!							
			-	n							
				Nathan W.							

Invoice



Date	Invoice #
7/19/2018	2950

Bill To	
VINCENT OIL	
200 WEST DOUGLAS SUITE 725	
WICHITA, KS 67202	

Job Info	
Maloney #1-15	
Kingman County, KS Field Ticket #2851	
Fleid Ticket #2831	

P.O. No. Terms
Net 30

Quantity	Description	Amount
1 1 1	Service Charge Set Solid Bridge Plug 4-1/2 Dump Bailer w/sack of cement Min Charge 3-1/8 Slick 10 Jets - per job Add Jet 3-1/8 Slickgun - each Total Charges for Service Cased Hole - Discount	500.00 1,460.00 300.00 1,450.00 1,080.00 4,790.00 -718.50
	(902 - 1991	

Please remit to above address.

Total \$4,071.50



Vincent Oil Operations

15/28S/8W/Kingman

Maloney #1-15

Job Ticket: 63878

Test Start: 2018.06.29 @ 12:27:00

GENERAL INFORMATION:

Formation: Kansas City

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Initial) ft (KB)

Time Tool Opened: 14:28:17 Tester: Ken Sw inney Time Test Ended: 20:15:02 Unit No: 72 Pratt/80

Interval: 3730.00 ft (KB) To 3757.00 ft (KB) (TVD)

Total Depth: 3757.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair Reference Elevations: 1593.00 ft (KB)

> KB to GR/CF: 13.00 ft

DST#: 1

1580.00 ft (CF)

Serial #: 6755 Inside

Press@RunDepth: 3731.00 ft (KB) Capacity: 138.90 psig @ psig

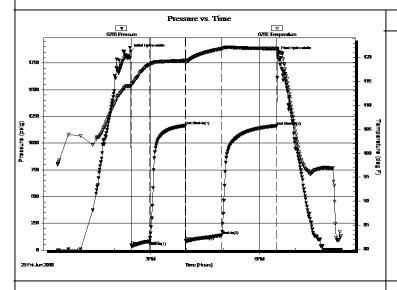
Start Date: 2018.06.29 End Date: 2018.06.29 Last Calib.: 2018.06.29 Start Time: 12:27:01 End Time: 20:15:02 Time On Btm: 2018.06.29 @ 14:27:32 2018.06.29 @ 18:30:02 Time Off Btm:

TEST COMMENT: I.F. 30 Minutes/ Blow built to 68 inches

I.S.I. 60 Minutes/ 1 inch additional blow back build

60 Minutes/ Blow built to 142 inches

F.S.I. 90 Minutes/ 5 inch additional blow back build



М	RESSUR	E SUMMARY
ure	Temp	Annotation

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1857.28	114.07	Initial Hydro-static
1	45.33	114.10	Open To Flow (1)
31	81.04	118.54	Shut-In(1)
90	1163.53	119.33	End Shut-In(1)
91	86.68	119.00	Open To Flow (2)
150	138.90	121.83	Shut-In(2)
241	1163.26	121.88	End Shut-In(2)
243	1833.63	121.68	Final Hydro-static

Recovery

Description	Volume (bbl)
1952 feet of GIP	0.00
Muddy Gassy Water	3049.06
Mud 30% Gas 35% Water 35%	0.00
Muddy Water w /skim oil	3049.06
Mud 15% Water 85%	0.00
Gassy Emulsified oily Mud	2754.07
	1952 feet of GIP Muddy Gassy Water Mud 30% Gas 35% Water 35% Muddy Water w/skim oil Mud 15% Water 85%

Gas Rates

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

Trilobite Testing, Inc. Ref. No: 63878 Printed: 2018.06.29 @ 23:17:34



Vincent Oil Operations

200 W Douglas

Wichtia, Kansas

67202+3013 ATTN: Jim Hall 15/28S/8W/Kingman

Maloney #1-15

Reference Elevations:

Job Ticket: 63878

Test Start: 2018.06.29 @ 12:27:00

GENERAL INFORMATION:

Formation: Kansas City

Deviated: Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial) No

Time Tool Opened: 14:28:17 Tester: Ken Sw inney Time Test Ended: 20:15:02 Unit No: 72 Pratt/80

Interval: 3730.00 ft (KB) To 3757.00 ft (KB) (TVD)

Total Depth: 3757.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair KB to GR/CF:

13.00 ft

DST#: 1

1593.00 ft (KB)

1580.00 ft (CF)

Serial #: 6752 Outside

Press@RunDepth: 3732.00 ft (KB) Capacity: 1164.81 psig @ psig

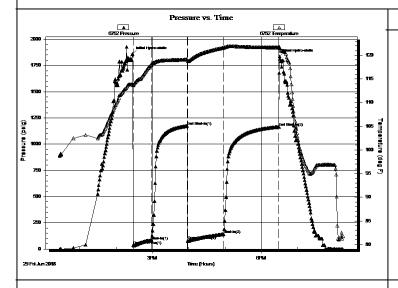
Start Date: 2018.06.29 End Date: 2018.06.29 Last Calib.: 2018.06.29 Start Time: 12:27:01 End Time: 20:15:02 Time On Btm: 2018.06.29 @ 14:27:32 2018.06.29 @ 18:30:02 Time Off Btm:

TEST COMMENT: I.F. 30 Minutes/ Blow built to 68 inches

> 60 Minutes/ 1 inch additional blow back build LST

60 Minutes/ Blow built to 142 inches

F.S.I. 90 Minutes/ 5 inch additional blow back build



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1861.51	113.87	Initial Hydro-static
1	39.60	113.62	Open To Flow (1)
31	82.71	118.03	Shut-In(1)
90	1173.00	119.06	End Shut-In(1)
91	82.90	118.82	Open To Flow (2)
151	143.98	121.60	Shut-In(2)
242	1164.81	121.66	End Shut-In(2)
243	1836.78	121.69	Final Hydro-static

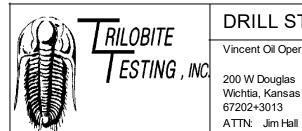
Recovery

Description	Volume (bbl)
1952 feet of GIP	0.00
Muddy Gassy Water	3049.06
Mud 30% Gas 35% Water 35%	0.00
Muddy Water w /skim oil	3049.06
Mud 15% Water 85%	0.00
Gassy Emulsified oily Mud	2754.07
	1952 feet of GIP Muddy Gassy Water Mud 30% Gas 35% Water 35% Muddy Water w/skim oil Mud 15% Water 85%

Gas Rates

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

Trilobite Testing, Inc. Ref. No: 63878 Printed: 2018.06.29 @ 23:17:34



FLUID SUMMARY

Vincent Oil Operations

15/28S/8W/Kingman

Maloney #1-15

Job Ticket: 63878

DST#: 1

Test Start: 2018.06.29 @ 12:27:00

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API

Cushion Length: Mud Weight: 9.00 lb/gal ft Water Salinity: 20000 ppm

Viscosity: 54.00 sec/qt Cushion Volume: bbl

Water Loss: 8.79 in³ Gas Cushion Type:

Resistivity: Gas Cushion Pressure: ohm.m psig

4000.00 ppm Salinity: Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1952 feet of GIP	0.000
62.00	Muddy Gassy Water	3049.059
0.00	Mud 30% Gas 35% Water 35%	0.000
62.00	Muddy Water w /skim oil	3049.059
0.00	Mud 15% Water 85%	0.000
62.00	Gassy Emulsified oily Mud	2754.073
0.00	Gas 20% Emus Oil 30% Mud 50%	0.000
62.00	Gas cut Oily Muddy Water	0.870
0.00	Gas 5% Oil 15% Mud 20% Water 60%	0.000
30.00	Mud cut Water Emuls Oil Gas	0.421
0.00	Mud 10% Water 20% Emuls Oil 25% Gas 45	% 0.000

278.00 ft 8853.482 bbl Total Length: Total Volume:

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

Laboratory Name: Laboratory Location: Recovery Comments: Recovery Chlorides .265 ohms @ 87 deg.

Trilobite Testing, Inc Ref. No: 63878 Printed: 2018.06.29 @ 23:17:35



Vincent Oil Operations

200 W Douglas

Wichtia, Kansas

67202+3013 ATTN: Jim Hall 15/28S/8W/Kingman

Maloney #1-15

Job Ticket: 63879

DST#: 2

1593.00 ft (KB)

1580.00 ft (CF)

Test Start: 2018.07.01 @ 00:10:00

GENERAL INFORMATION:

Formation: Mississippi

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 02:23:47 Tester: Ken Sw inney
Time Test Ended: 08:46:02 Unit No: 72 Pratt/80

Interval: 3963.00 ft (KB) To 4033.00 ft (KB) (TVD) Reference ⊟evations:

Total Depth: 4033.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair KB to GR/CF: 13.00 ft

Serial #: 6755 Inside

Press@RunDepth: 338.60 psig @ 3964.00 ft (KB) Capacity: psig

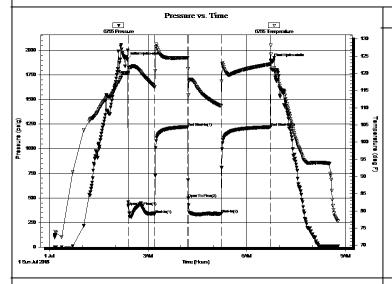
 Start Date:
 2018.07.01
 End Date:
 2018.07.01
 Last Calib.:
 2018.07.01

 Start Time:
 00:10:01
 End Time:
 08:46:02
 Time On Btm:
 2018.07.01 @ 02:22:02

 Time Off Btm:
 2018.07.01 @ 06:43:47

TEST COMMENT: I.F. 45 Mintues/ Blow built to BOB in 30 sec. Gas to surface in 7 1/2 min.

I.S.I. 60 Minutes/ 15 min bleed off/ no blow back F.F. 60 Minutes/ Blow built to BOB in 5 sec. F.S.I. 90 Minutes/ 15 min bleed off/ no blow back



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1906.92	120.06	Initial Hydro-static
2	417.90	119.80	Open To Flow (1)
51	337.47	115.96	Shut-In(1)
111	1223.21	124.56	End Shut-In(1)
112	496.68	113.69	Open To Flow (2)
172	338.60	110.53	Shut-In(2)
262	1221.24	122.71	End Shut-In(2)
262	1897.00	128.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	Watery Mud/ Water 30% Mud 70%	0.61
154.00	Mud 100%	1.65

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	217.00	847.67
Last Gas Rate	1.00	41.00	1592.68
Max. Gas Rate	0.50	285.00	2019.66

Trilobite Testing, Inc Ref. No: 63879 Printed: 2018.07.01 @ 11:02:42



Vincent Oil Operations

15/28S/8W/Kingman

Maloney #1-15

Job Ticket: 63879

Test Start: 2018.07.01 @ 00:10:00

DST#: 2

GENERAL INFORMATION:

Formation: Mississippi

Deviated: Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 02:23:47 Tester: Ken Sw inney Time Test Ended: 08:46:02 Unit No: 72 Pratt/80

Interval: 3963.00 ft (KB) To 4033.00 ft (KB) (TVD) Reference Elevations: 1593.00 ft (KB)

Total Depth: 4033.00 ft (KB) (TVD) 1580.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair KB to GR/CF: 13.00 ft

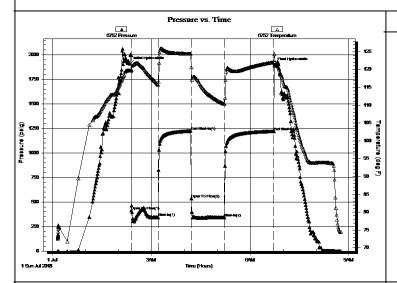
Serial #: 6752 Outside

Press@RunDepth: 3965.00 ft (KB) Capacity: 1220.82 psig @ psig

Start Date: 2018.07.01 End Date: 2018.07.01 Last Calib.: 2018.07.01 Start Time: 00:10:01 End Time: 2018.07.01 @ 02:22:02 08:46:02 Time On Btm: Time Off Btm: 2018.07.01 @ 06:44:17

TEST COMMENT: IF 45 Mintues/ Blow built to BOB in 30 sec. Gas to surface in 7 1/2 min.

> 60 Minutes/ 15 min bleed off/ no blow back LST F.F. 60 Minutes/ Blow built to BOB in 5 sec. 90 Minutes/ 15 min bleed off/ no blow back F.S.I.



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1906.83	119.75	Initial Hydro-static
2	411.25	119.45	Open To Flow (1)
51	346.68	115.76	Shut-In(1)
111	1223.10	124.41	End Shut-In(1)
112	533.71	120.61	Open To Flow (2)
172	342.69	110.36	Shut-In(2)
262	1220.82	122.14	End Shut-In(2)
263	1898.33	124.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	Watery Mud/ Water 30% Mud 70%	0.61
154.00	Mud 100%	1.65

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	217.00	847.67
Last Gas Rate	1.00	41.00	1592.68
Max. Gas Rate	0.50	285.00	2019.66

Trilobite Testing, Inc. Ref. No: 63879 Printed: 2018.07.01 @ 11:02:42



FLUID SUMMARY

Vincent Oil Operations

200 W Douglas

Wichtia, Kansas

67202+3013 ATTN: Jim Hall 15/28S/8W/Kingman

Maloney #1-15

Job Ticket: 63879

DST#: 2

Test Start: 2018.07.01 @ 00:10:00

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: 26000 ppm

Viscosity: 49.00 sec/qt Cushion Volume: bbl

Water Loss: 8.79 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 5000.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	Watery Mud/ Water 30% Mud 70%	0.610
154.00	Mud 100%	1.650

Total Length: 278.00 ft Total Volume: 2.260 bbl

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

Laboratory Name: Laboratory Location:
Recovery Comments: Recovery Resistivity .250 ohms @73 deg.

Trilobite Testing, Inc Ref. No: 63879 Printed: 2018.07.01 @ 11:02:42



GAS RATES

Vincent Oil Operations

15/28S/8W/Kingman

Maloney #1-15

Job Ticket: 63879

DST#: 2

Test Start: 2018.07.01 @ 00:10:00

Gas Rates Information

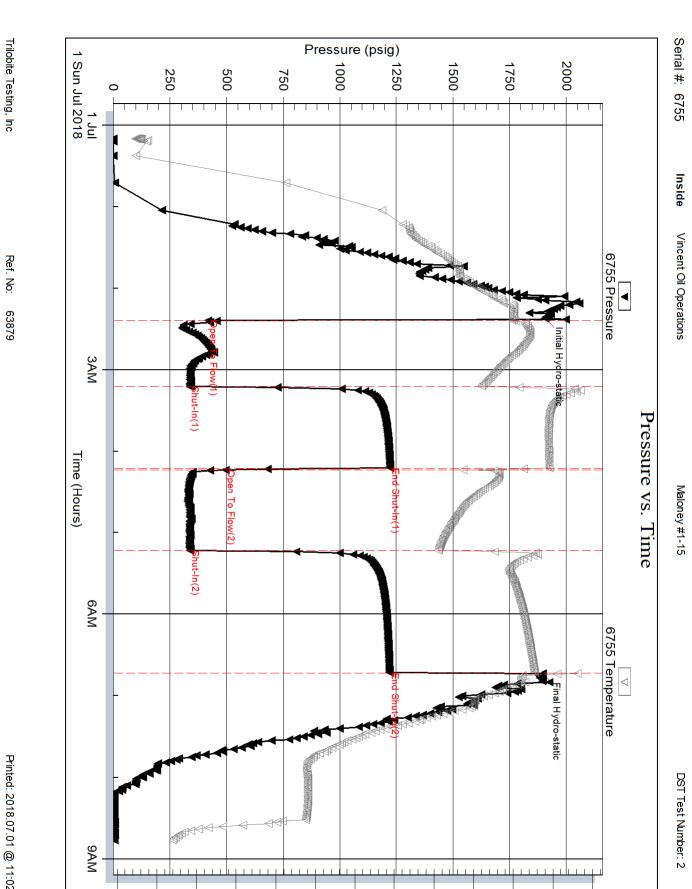
Temperature: 59 (deg F)

Relative Density: 0.65 Z Factor: 8.0

Gas Rates Table

Flow Period	⊟apsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	10	0.38	217.00	847.67
1	20	0.50	285.00	2019.66
1	30	1.00	45.00	1707.68
1	40	1.00	37.00	1477.69
1	45	1.00	37.00	1477.69
2	10	1.00	43.00	1650.18
2	20	1.00	42.00	1621.43
2	30	1.00	41.00	1592.68
2	40	1.00	41.00	1592.68
2	50	1.00	41.00	1592.68
2	60	1.00	41.00	1592.68

Trilobite Testing, Inc Ref. No: 63879 Printed: 2018.07.01 @ 11:02:42



Temperature (deg F)

Temperature (deg F)

Trilobite Testing, Inc

Ref. No:

63879

Printed: 2018.07.01 @ 11:02:43



Vincent Oil Operations

200 W Douglas

Wichtia, Kansas

67202+3013 ATTN: Jim Hall 15/28S/8W/Kingman

Maloney #1-15

Job Ticket: 63880

Test Start: 2018.07.01 @ 17:15:00

GENERAL INFORMATION:

Formation: Mississippi

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 19:05:32 Tester: Ken Sw inney
Time Test Ended: 01:11:02 Unit No: 72 Pratt/80

Interval: 4036.00 ft (KB) To 4053.00 ft (KB) (TVD)

Total Depth: 4053.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 1593.00 ft (KB)

1580.00 ft (CF) KB to GR/CF: 13.00 ft

DST#: 3

Serial #: 6755 Inside

Press@RunDepth: 134.60 psig @ 4037.00 ft (KB) Capacity: psig

 Start Date:
 2018.07.01
 End Date:
 2018.07.02
 Last Calib.:
 2018.07.02

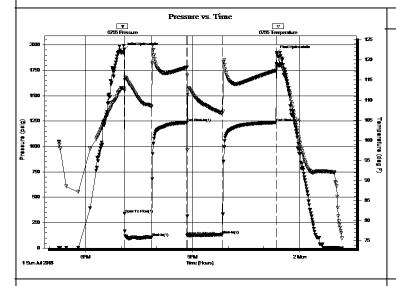
 Start Time:
 17:15:01
 End Time:
 01:11:02
 Time On Btm:
 2018.07.01 @ 19:05:02

 Time Off Btm:
 2018.07.01 @ 23:21:32

TEST COMMENT: I.F. 45 Minutes/ Blow built to BOB in 15 sec. Gas to surface in 5 min

I.S.I. 60 Minutes/ 1/4 inch blow back F.F. 60 Minutes/ Blow built to BOB in 5 sec.

F.S.I. 90 Mintues/ 2 inch blow back



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1954.39	112.93	Initial Hydro-static
1	338.15	112.47	Open To Flow (1)
47	107.97	108.43	Shut-In(1)
106	1235.98	118.14	End Shut-In(1)
107	123.28	97.65	Open To Flow (2)
166	134.60	106.69	Shut-In(2)
256	1236.41	117.39	End Shut-In(2)
257	1921.82	118.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	Muddy Water/ Mud 50% Water 50%	0.30
186.00	Muddy Water/ Mud 10% Water 90%	1.53

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	2.94	498.50
Last Gas Rate	0.50	47.10	414.86
Max. Gas Rate	0.50	47.60	418.23

Trilobite Testing, Inc Ref. No: 63880 Printed: 2018.07.02 @ 08:01:32



Vincent Oil Operations

200 W Douglas

Wichtia, Kansas

67202+3013 ATTN: Jim Hall 15/28S/8W/Kingman

Maloney #1-15

Job Ticket: 63880

Test Start: 2018.07.01 @ 17:15:00

DST#: 3

GENERAL INFORMATION:

Formation: Mississippi

Deviated: Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial) No

Time Tool Opened: 19:05:32 Tester: Ken Sw inney Time Test Ended: 01:11:02 Unit No: 72 Pratt/80

Interval: 4036.00 ft (KB) To 4053.00 ft (KB) (TVD) Reference Elevations:

1593.00 ft (KB) Total Depth: 4053.00 ft (KB) (TVD) 1580.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair KB to GR/CF: 13.00 ft

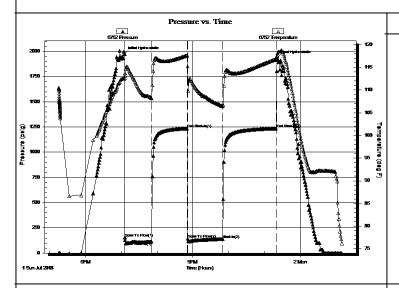
Serial #: 6752 Outside

Press@RunDepth: 4038.00 ft (KB) Capacity: 1234.28 psig @ psig

Start Date: 2018.07.01 End Date: 2018.07.02 Last Calib.: 2018.07.02 Start Time: 17:15:01 End Time: 01:11:02 2018.07.01 @ 19:05:17 Time On Btm: 2018.07.01 @ 23:21:32 Time Off Btm:

TEST COMMENT: IF 45 Minutes/ Blow built to BOB in 15 sec. Gas to surface in 5 min

> 60 Minutes/ 1/4 inch blow back LST F.F. 60 Minutes/ Blow built to BOB in 5 sec. 90 Mintues/ 2 inch blow back F.S.I.



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1973.83	112.62	Initial Hydro-static
1	155.01	113.12	Open To Flow (1)
46	114.84	108.16	Shut-In(1)
106	1234.22	117.61	End Shut-In(1)
106	143.32	115.22	Open To Flow (2)
166	139.55	106.41	Shut-In(2)
256	1234.28	116.86	End Shut-In(2)
257	1933.57	117.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	Muddy Water/ Mud 50% Water 50%	0.30
186.00	Muddy Water/ Mud 10% Water 90%	1.53

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	2.94	498.50
Last Gas Rate	0.50	47.10	414.86
Max. Gas Rate	0.50	47.60	418.23

Trilobite Testing, Inc. Ref. No: 63880 Printed: 2018.07.02 @ 08:01:32



FLUID SUMMARY

Vincent Oil Operations

200 W Douglas

Wichtia, Kansas

67202+3013 ATTN: Jim Hall 15/28S/8W/Kingman

Maloney #1-15

Job Ticket: 63880

DST#: 3

Test Start: 2018.07.01 @ 17:15:00

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: 75000 ppm

Viscosity: 65.00 sec/qt Cushion Volume: bbl

Water Loss: 8.79 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 5000.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	Muddy Water/ Mud 50% Water 50%	0.305
186.00	Muddy Water/ Mud 10% Water 90%	1.534

Total Length: 248.00 ft Total Volume: 1.839 bbl

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

Laboratory Name: Laboratory Location: Recovery Comments: Recovery Resistivity .102 ohms @ 72 deg

Trilobite Testing, Inc Ref. No: 63880 Printed: 2018.07.02 @ 08:01:32



GAS RATES

Vincent Oil Operations

15/28S/8W/Kingman

Maloney #1-15

Job Ticket: 63880

DST#: 3

Test Start: 2018.07.01 @ 17:15:00

Gas Rates Information

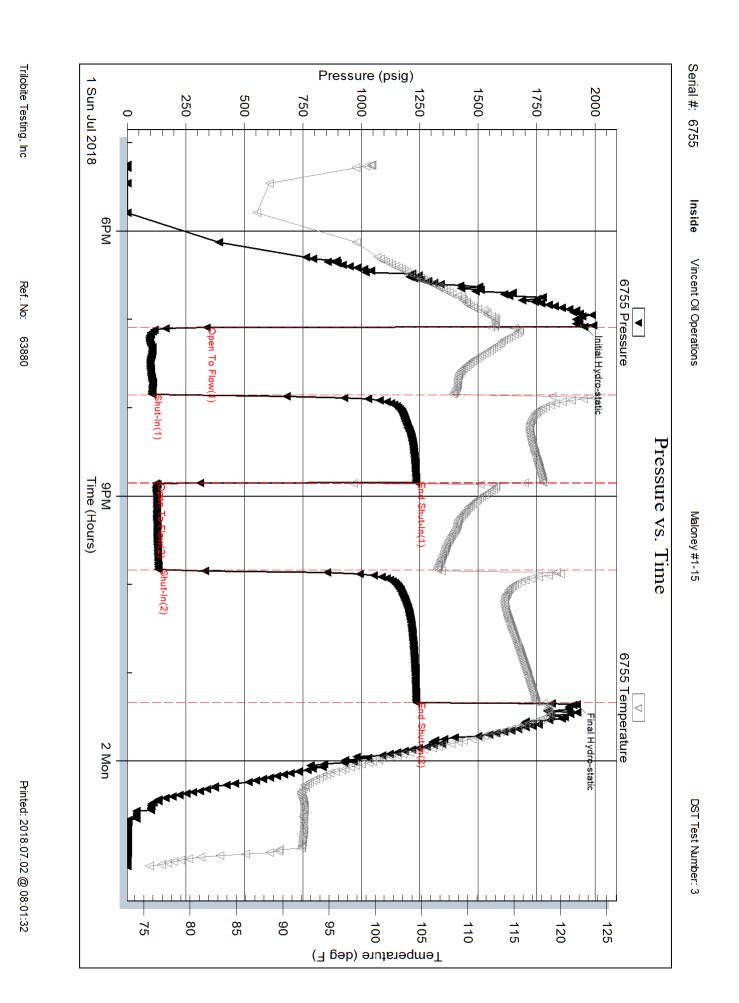
Temperature: 59 (deg F)

Relative Density: 0.65 Z Factor: 8.0

Gas Rates Table

Flow Period	⊟apsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	10	1.00	2.94	498.50
1	20	1.00	3.23	506.84
1	30	1.00	3.31	509.14
1	40	1.00	3.37	510.87
1	45	1.00	3.39	511.44
2	10	0.50	43.60	391.25
2	20	0.50	47.60	418.23
2	30	0.50	47.60	418.23
2	40	0.50	47.30	416.21
2	50	0.50	47.10	414.86
2	60	0.50	47.10	414.86

Trilobite Testing, Inc Ref. No: 63880 Printed: 2018.07.02 @ 08:01:32



Trilobite Testing, Inc

Ref. No: 63880

Printed: 2018.07.02 @ 08:01:33

LITHOLOGY STRIP LOG

WellSight Systems

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

Well Name: VINCENT OIL CORP MALONEY #1-15

API: 15-095-22324-00-00

Location: NE NE SW SW Sec. 15-T28S-R8W Kingman Co. Kansas

License Number: 5004 Spud Date: 6/22/18 Surface Coordinates: 1050' FSL 1275' FWL Region: Wildcat Drilling Completed: 7/3/18

Bottom Hole Coordinates:

Ground Elevation (ft): 1580 K.E Logged Interval (ft): 1350 To: 4470 Formation: RTD Simpson (Ordovician) K.B. Elevation (ft): 1593 Total Depth (ft): 4470

Type of Drilling Fluid: NATIVE MUD TO 2,936'. CHEMICAL GEL TO RTD

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

OPERATOR

Company: VINCENT OIL CORP.

Address: 200 W. DOUGLAS AVE #725

WICHITA, KANSAS 67202-3013

OFFICE; 316-262-3573

GEOLOGIST

Name: Jame R. Hall (Well Supervision)

Company: Black Gold Petroleum

Address: PO BOX 66

VALLEY CENTER, KANSAS 67147-0066

316-217-1223

Comments

Drilling contractor: Duke Drilling, Rig #7, Tool Pusher Galen Roach.

Surface Casing: 8 5/8" 23# set at 310' with 275 sxs, cement, did circulate.

Daily Activity: @07:00 hrs.

06/23/18: Moved on location and rig up, spud @18:30hrs.

06/24/18: Drilled 12 1/4" hole and set 8 5/8" csg, ran cmt, plug down @ 06:30 hrs.

06/25/18: Drilling @ 1,250' with native mud. Circulate gas kick @ 1.383'. Circulate gas kick @ 1,456'.

06/26/18: Drilling @ 2,110'. Circulated gas kick in the Indian Cave @2,250', then drilled ahead.

06/27/18; Drilling @ 2,850'. Displaced to chem-gel mud @ 2,936'.

06/28/16: 3,490' drilling ahead, in the L/KC.

06/29/18: 3,557' tripping out to run DST #1 (Hertha). Ran DST 1 in Kansas City.

06/30/18; 3,865' drilling in lower Penn.

07/01/18: 4,033' running DST #2 in Upper Miss. DST #3 Miss.

07/02/18: 4,125' drilling in Miss. limestone.

07/03/18: 4,406' circulating Simpson. RTD reached. Run

open hole logs.

07/04/18: 4,470' running 4.5" csg. to evaluate for productive potential.

Deviation Surveys: 0.25 deg. @ 314', 0.50 deg., 0.25 deg. @ 610' 0.50 deg. @1,021', 1.0 deg. @ 1,997', 0.75 deg. @ 2,497', 1.5 deg. @ 3,091', 1.0 deg. @ 3,369, 1.5 deg. @ 3,617', 1.5 deg. @ 3,757', 0.75 deg. @ 3,961', 1.0 drg. @ 4,275'

Bit Record:

#1 12 1/4" RR out @ 314'.

#2 7 7/8" HA20 in @ 314' out @ 4,470'.

Drilling time commenced: @ 1,300'. 20' baged washed and wet samples 1,360' to 3,060'. Maximum 10' wet and dry samples commenced: @ 3,060' to RTD. Samples delivered to Kansas Geological Sample Library at Wichita, Kansas.

Gas Detector: Blue Stem unit #5258 replaced by unit #5279 @ 4,033'. Digital Unit, commenced @ 1,300'.

Mud System: Mud-Co/Service Mud. Chemical Gel system @ 2,936, Mud Engineer: Brad Bortz (Pratt Office).

Open Hole Testing; Trilobite Testing. Tester: (Ken Swinney).

Open Hole Logs: ELI Logging, Hays Kansas,

Logging Engineer: Jason Cappellucci.

DIL, CDL/CNL/PE, MEL/SON.

Sample tops are placed on this Plotted Geo. Report, with the reference wells "A" Edward McKenna 16-2,"B" McKenna 16-1 and "C" Jones Trust 3-23. E-log tops datum differences shown.

This log must be shifted by 2' to 3' in places for correlation purposes with the open hole E-logs. RTD is 4,470', open hole E-log depth is 4,470".

DSTs

DST #1 Kansas City "L", 3,730'-3,757' (27') 30-60-60-90, IH 1857, IF 45-81 (BOB 3.5min building to 68"), ISI 1163 (1" bolw), FF 86-138 (BOB 2.5min building to 142"), FSI 1163 (5" blow), FH 1833, Rec; 1952' GIP, 30' emul oil gas and mudy water (45%gas, 25%oil, 20%water, 10%mud), 62' gas & oil and mudy water (5% gas, 15%oil, 60% water, 20% mud), 62' gsy emul oily mud, (20% gas, 30% oil, 50% mud), 62' mudy water w/scum of oil (85% wate 15% mud), 62' mudy gsy water (35% gas, 35% water, 30% mud). BHT 121, ChI 20,000ppm, Rw 0.265 @ 87 deg. Rwa (0.195 @ 121 deg.).

DST #2 Upper Miss., 3,963 - 4,033' (70') 45-60-60-90, IH 1906, IF 417-339 (BOB 30sec gst 7.5min 10min 847mcf, 20min 2,019mcf, 30min 1,707mcf, 40min 1,477mcf, 45min 1,477mcf), ISI 1223 (on blow after 15min bleed off), FF 496-338 (BOB 5sec gts imd 10min 1,650mcf, 20min 1,621mcf, 30min 1,592mcf, 40min 1,592mcf, 50min 1,592mcf, 60min 1,592mcf), FSI 1221 (no blow after 15min bleed off), FH 1897, Rec; 154' mud, 124' watery mud (30% water, 70% mud). BHT 122, ChI 26,000ppm, Rw 0.250 @ 73 deg. Rwa (0.149 @ 122 deg.). chI mud 5,000ppm.

DST #3 Miss., 4,036 - 4,053' (17') 45-60-60-90, IH 1953, IF 338-107 (BOB 15sec gtst 5min 10min 498mcf, 20min 506mcf, 30min 509mcf, 40min 510mcf, 45min 511mcf), ISI 1235 (1/4 "blow), FF 123-134 (BOB 5sec gts imd 10min 391mcf, 20min 418mcf, 30min 418mcf, 40min 416mcf, 50min 414mcf, 60min 414mcf), FSI 1236 (2" blow), FH 1921, Rec; 186' mudy water (90%water, 10%mud), 62' watery mud (50% water, 50% mud). BHT 123, ChI 75,000ppm, Rw 0.103 @ 72 deg. Rwa (0.06 @ 123 deg.). chI mud 5,000ppm. ELI Rwa 0.06 @ 88 F (.04 @ 120 F).



Vincent Oil Operations

200 W Douglas

67202+3013 ATTN: Jim Hall

Wichtia, Kansas

15/28S/8W/Kingman

Maloney #1-15

Job Ticket: 63878

DST#:1

Test Start: 2018.06.29 @ 12:27:00

GENERAL INFORMATION:

Formation: Kansas City

Deviated: Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 14:28:17 Tester: Ken Swinney Time Test Ended: 20:15:02 72 Pratt/80 Unit No:

3730.00 ft (KB) To 3757.00 ft (KB) (TVD)

Reference Bevations: 1593.00 ft (KB) 3757.00 ft (KB) (TVD) 1580.00 ft (OF) Total Depth:

7.80 inchesHole Condition: Fair KB to GR/OF: 13.00 ft Hole Diameter:

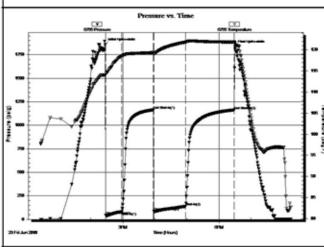
Inside Serial #: 6755

Press@RunDepth: 138.90 psig @ 3731.00 ft (KB) Capacity:

Start Date: 2018.06.29 End Date: 2018.06.29 Last Calib.: 2018.06.29 Start Time: 12:27:01 End Time: 20:15:02 Time On Btm: 2018.06.29 @ 14:27:32 Time Off Btm: 2018.06.29 @ 18:30:02

TEST COMMENT: LF. 30 Minutes/ Blow built to 68 inches

I.S.I 60 Minutes/ 1 inch additional blow back build 60 Minutes/ Blow built to 142 inches FF F.S.I. 90 Minutes/ 5 inch additional blow back build



Temp Time Annotation Pressure (deg F) (Min.) (psig) 1857.28 114.07 Initial Hydro-static 0 114.10 Open To Flow (1) 45.33 31 81.04 118.54 Shut-In(1) 90 1163.53 119.33 End Shut-In(1) 91 86.68 119.00 Open To Flow (2) 150 138.90 121.83 Shut-In(2) 241 1163.26 121.88 End Shut-In(2) 243 1833.63 121.68 Final Hydro-static

PRESSURE SUMMARY

Recovery			
Length (ft)	Description	Volume (bbl)	
0.00	1952 feet of GIP	0.00	
62.00	Muddy Gassy Water	3049.06	
0.00	Mud 30% Gas 35% Water 35%	0.00	
62.00	Muddy Water w/skim oil	3049.06	
0.00	Mud 15% Water 85%	0.00	
62.00	Gassy Emulsified oily Mud	2754.07	

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

Trilobite Testing, Inc. Ref. No: 63878 Printed: 2018.06.29 @ 23:17:34



Vincent Oil Operations

15/28S/8W/Kingman

200 W Douglas Wichtia, Kansas

Maloney #1-15 Job Ticket: 63879

DST#:2

67202+3013 ATTN: Jim Hall

Test Start: 2018.07.01 @ 00:10:00

GENERAL INFORMATION:

Formation: Mississippi

Deviated: Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 02:23:47 Time Test Ended: 08:46:02

Ken Swinney Tester: 72 Pratt/80 Unit No:

3963.00 ft (KB) To 4033.00 ft (KB) (TVD)

Reference Bevations: 1593.00 ft (KB)

4033.00 ft (KB) (TVD) Total Depth:

1580.00 ft (OF)

KB to GR/OF: 13.00 ft

Hole Diameter: 7.80 inchesHole Condition: Fair

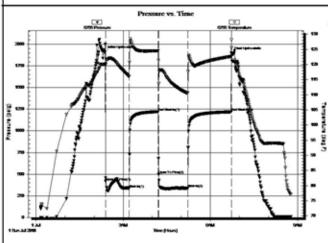
Serial #: 6755 Inside

Press@RunDepth: 338.60 psig @ 3964.00 ft (KB) Capacity:

Start Date: 2018.07.01 End Date: 2018.07.01 Last Calib.: 2018.07.01 Start Time: 00:10:01 End Time: 08:46:02 Time On Btm: 2018.07.01 @ 02:22:02 2018.07.01 @ 06:43:47 Time Off Btm:

TEST COMMENT: LF. 45 Mintues/ Blow built to BOB in 30 sec. Gas to surface in 7 1/2 min.

LS.L 60 Minutes/ 15 min bleed off/ no blow back 60 Minutes/ Blow built to BOB in 5 sec. FF F.S.L 90 Minutes/ 15 min bleed off/ no blow back



		PI	RESSUR	E SUMMARY
1	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	1906.92	120.06	Initial Hydro-static
	2	417.90	119.80	Open To Flow (1)
	51	337.47	115.96	Shut-In(1)
	111	1223.21	124.56	End Shut-In(1)
	112	496.68	113.69	Open To Flow (2)
	172	338.60	110.53	Shut-In(2)
	262	1221.24	122.71	End Shut-In(2)
,	262	1897.00	128.08	Final Hydro-static

Recovery

Description	Volume (bbi)
Watery Mud/ Water 30% Mud 70%	0.61
Mud 100%	1.65
	<u> </u>

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	217.00	847.67
Last Gas Rate	1.00	41.00	1592.68
Max. Gas Rate	0.50	285.00	2019.66

Trilobite Testing, Inc.

Ref. No: 63879

Printed: 2018.07.01 @ 11:02:42



Vincent Oil Operations

200 W Douglas

Wichtia, Kansas

67202+3013 ATTN: Jim Hall 15/28S/8W/Kingman

Maloney #1-15

Job Ticket: 63880

DST#:3 Test Start: 2018.07.01 @ 17:15:00

GENERAL INFORMATION:

Formation: Mississippi

Deviated: Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 19:05:32 Tester: Ken Swinney Time Test Ended: 01:11:02 72 Pratt/80 Unit No:

4036.00 ft (KB) To 4053.00 ft (KB) (TVD)

Reference Bevations: 1593.00 ft (KB) Total Depth: 4053.00 ft (KB) (TVD) 1580.00 ft (OF)

7.80 inchesHole Condition: Fair KB to GR/OF: 13.00 ft Hole Diameter:

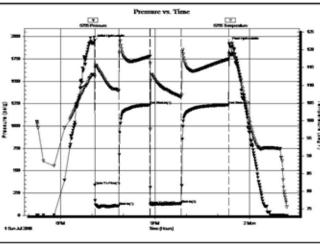
Serial #: 6755 Inside

Press@RunDepth: 134.60 psig @ 4037.00 ft (KB) Capacity:

Start Date: 2018.07.01 End Date: 2018.07.02 Last Calib.: 2018.07.02 2018.07.01 @ 19:05:02 Start Time: 17:15:01 01:11:02 Time On Btm: Time Off Btm: 2018.07.01 @ 23:21:32

TEST COMMENT: LF. 45 Minutes/ Blow built to BOB in 15 sec. Gas to surface in 5 min

LS.L 60 Minutes/ 1/4 inch blow back FF 60 Minutes/ Blow built to BOB in 5 sec. F.S.L 90 Mintues/ 2 inch blow back



	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
•	0	1954.39	112.93	Initial Hydro-static
6	1	338.15	112.47	Open To Flow (1)
	47	107.97	108.43	Shut-In(1)
	106	1235.98	118.14	End Shut-In(1)
	107	123.28	97.65	Open To Flow (2)
• है	166	134.60	106.69	Shut-In(2)
Tamperstus (deg 7)	256	1236.41	117.39	End Shut-In(2)
3	257	1921.82	118.76	Final Hydro-static
,				
			_	-
			Gas	s Rates

PRESSURE SUMMARY

Recovery Length (ft) Description Volume (bbl) 62.00 Muddy Water/ Mud 50% Water 50% 0.30 186.00 Muddy Water/ Mud 10% Water 90%

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	2.94	498.50
Last Gas Rate	0.50	47.10	414.86
Max. Gas Rate	0.50	47.60	418.23

Printed: 2018.07.02 @ 08:01:32

Trilobite Testing, Inc.

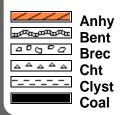
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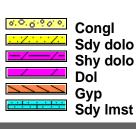
Qualifiers

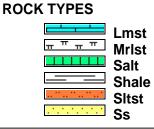
CARBONATE CLASSIFICATION:

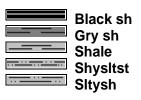
AFTER DUNHAM: GRAIN; any fossil, fossil fragment, sand grain, or other rock fragment within the rock. MUDSTONE; muddy carbonate rocks containing less than 10% grains. WACKESTONE; mud supported carbonate rocks with more than 10% grains. PACKSTONE; grain supported muddy carbonate rocks. GRAINSTONE; mud free carbonate rock, grain supported. BOUNDSTONE; carbonate rock bound together at deposition (coral, etc.). CRYSTALLINE CARBONATE; carbonate rock retaining to little of their depositional texture to be classified.

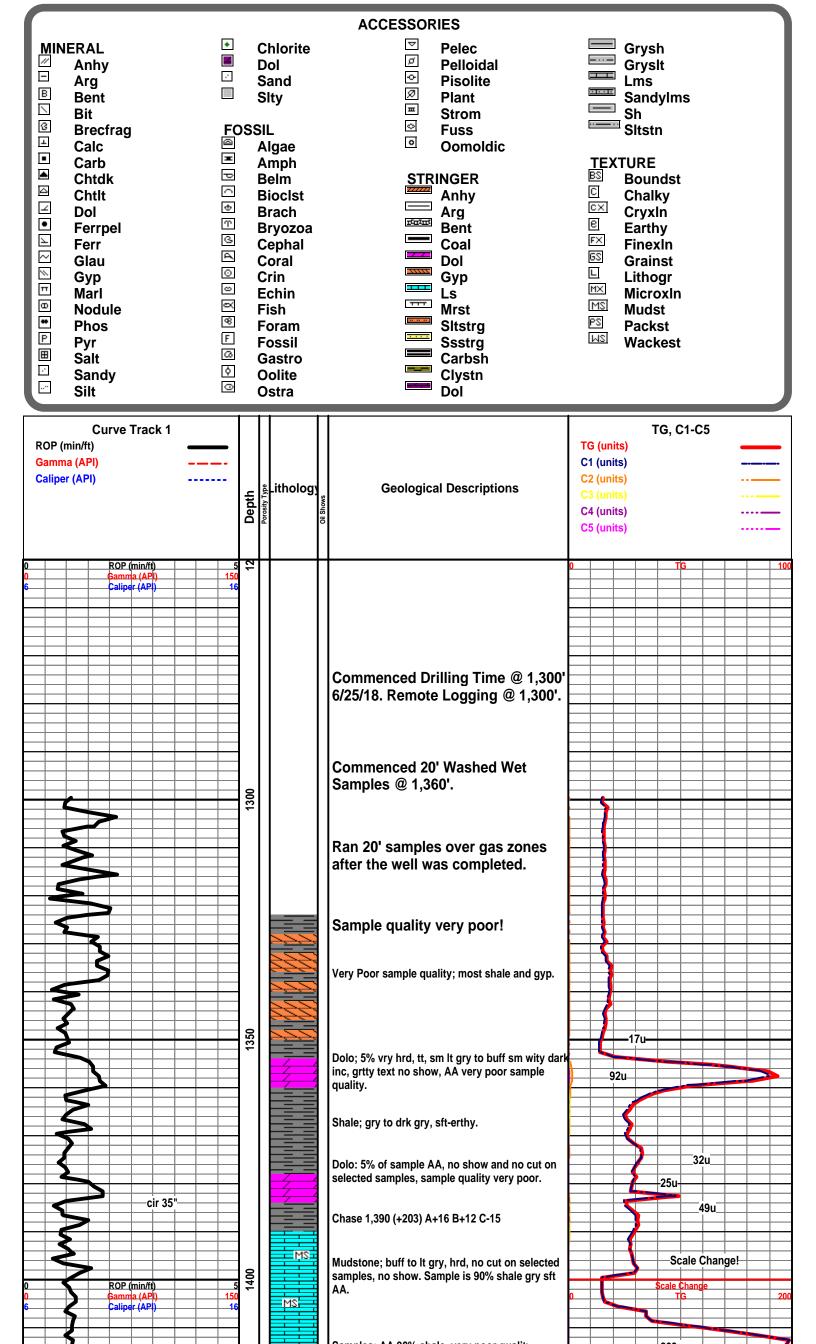
Qualifiers; (Fossils, Minerals, Shows, Porosity, etc.) Rare = less than 1% of sample total, Trace = less than 5% of sample total, Greater than 5% an estimate of total percentage.

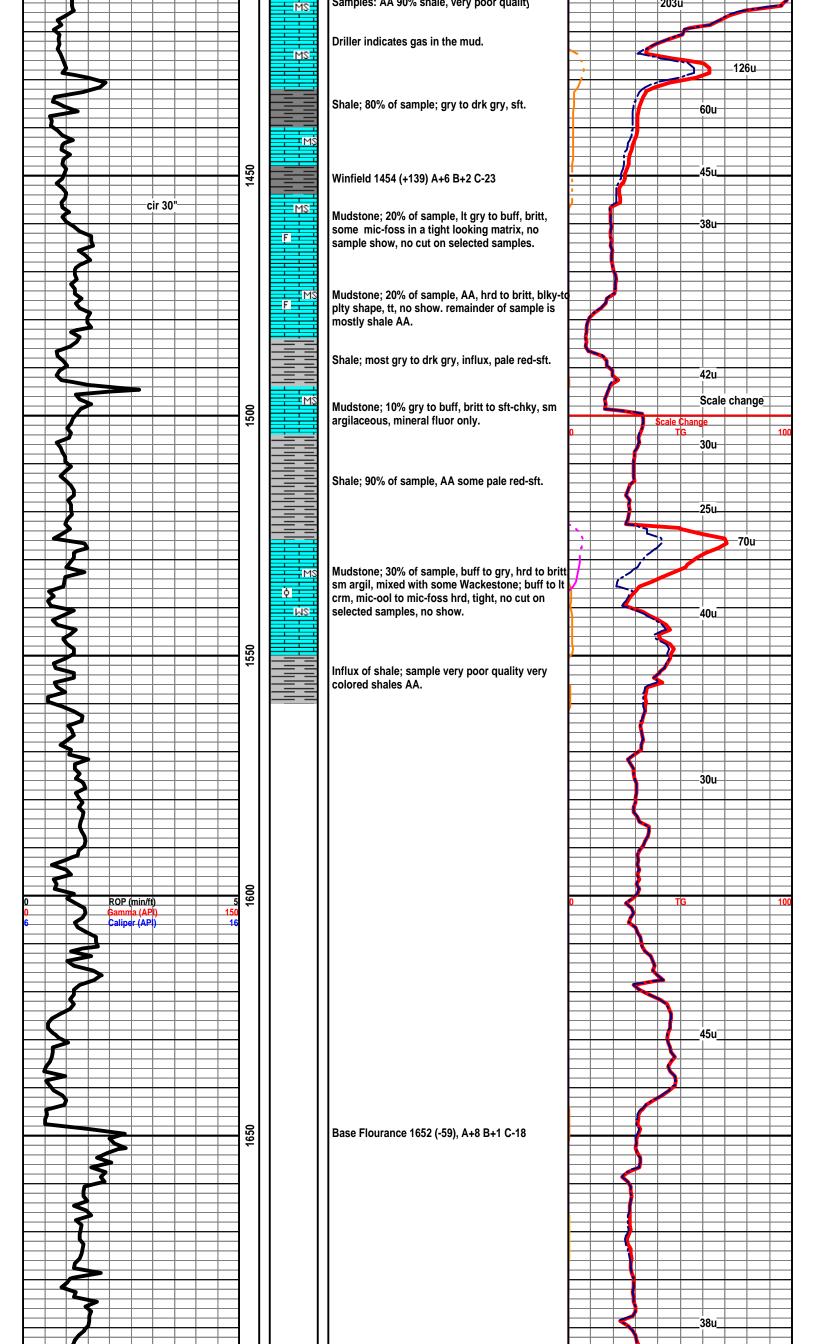


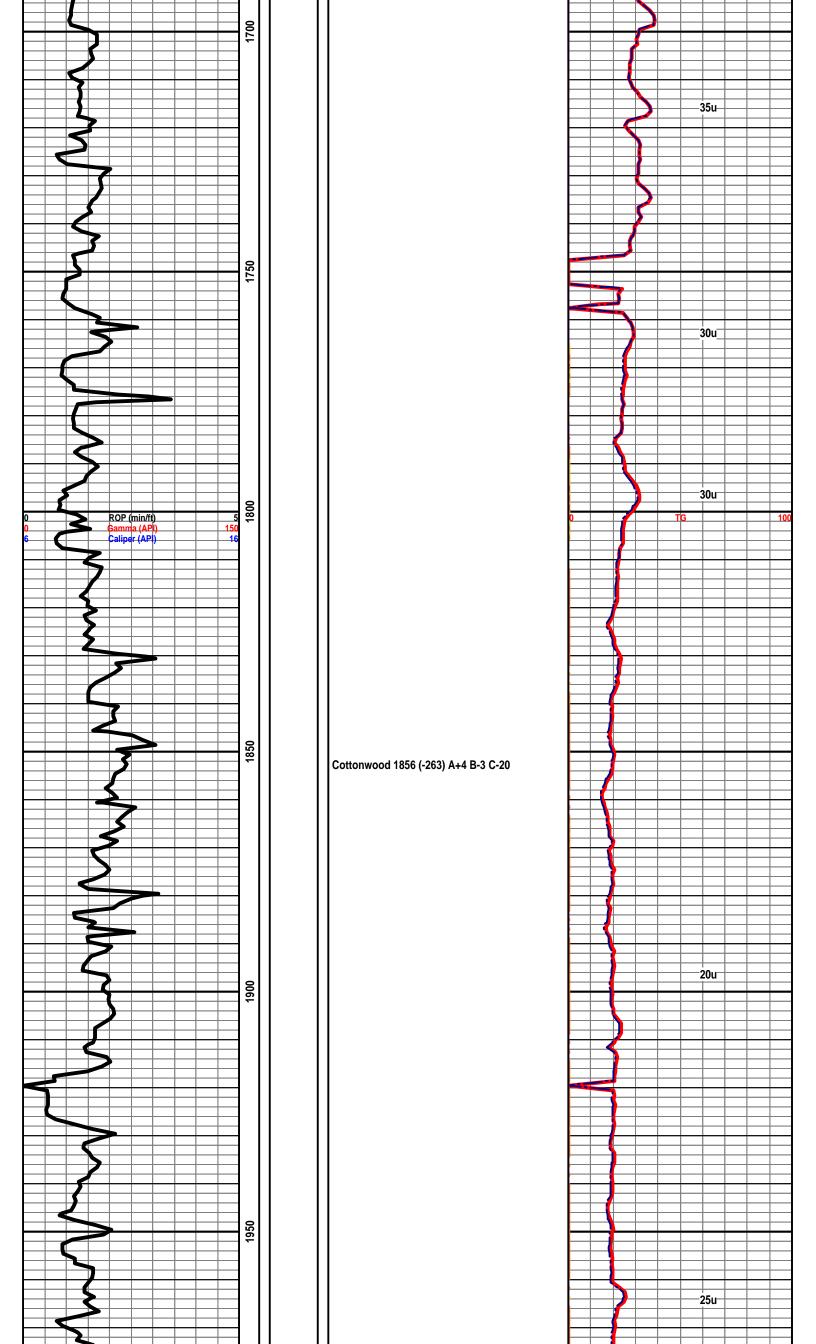


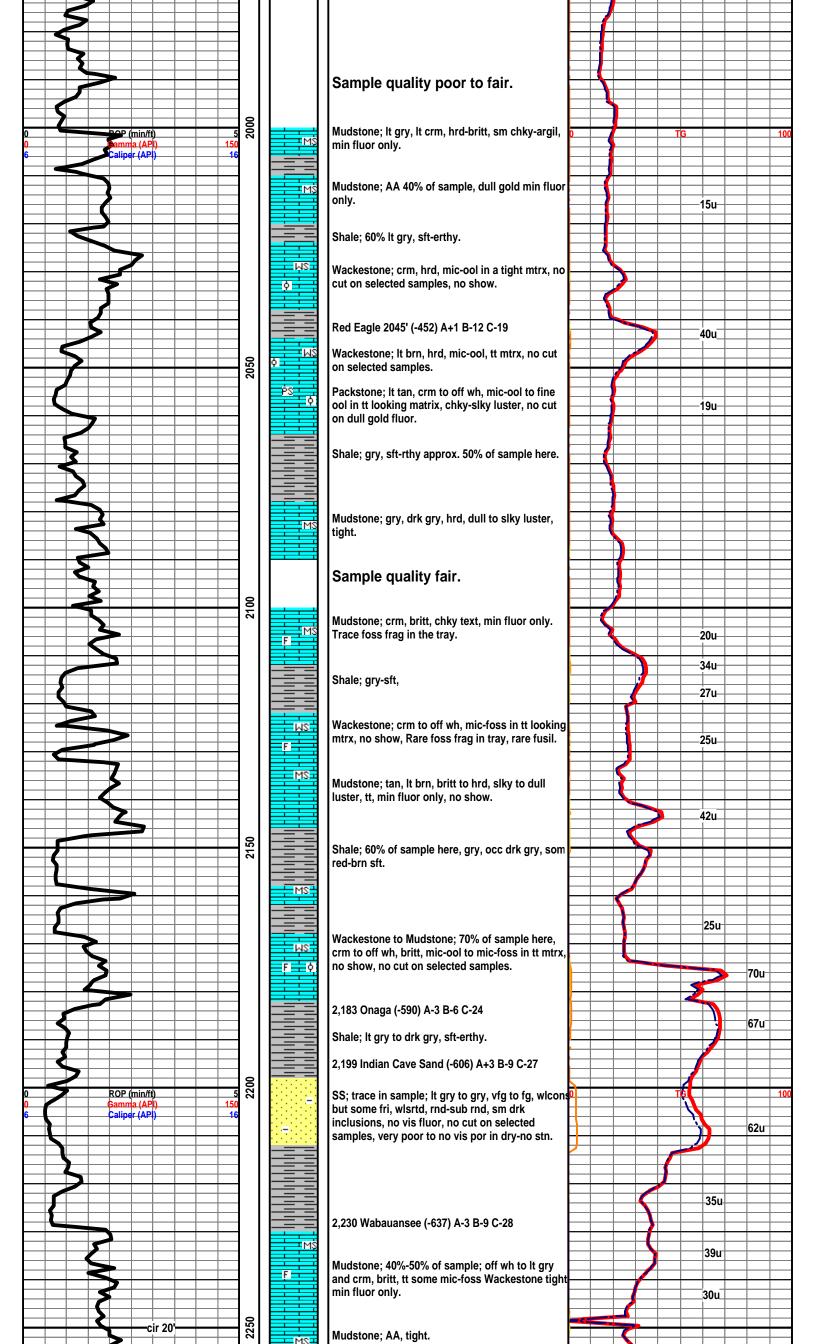


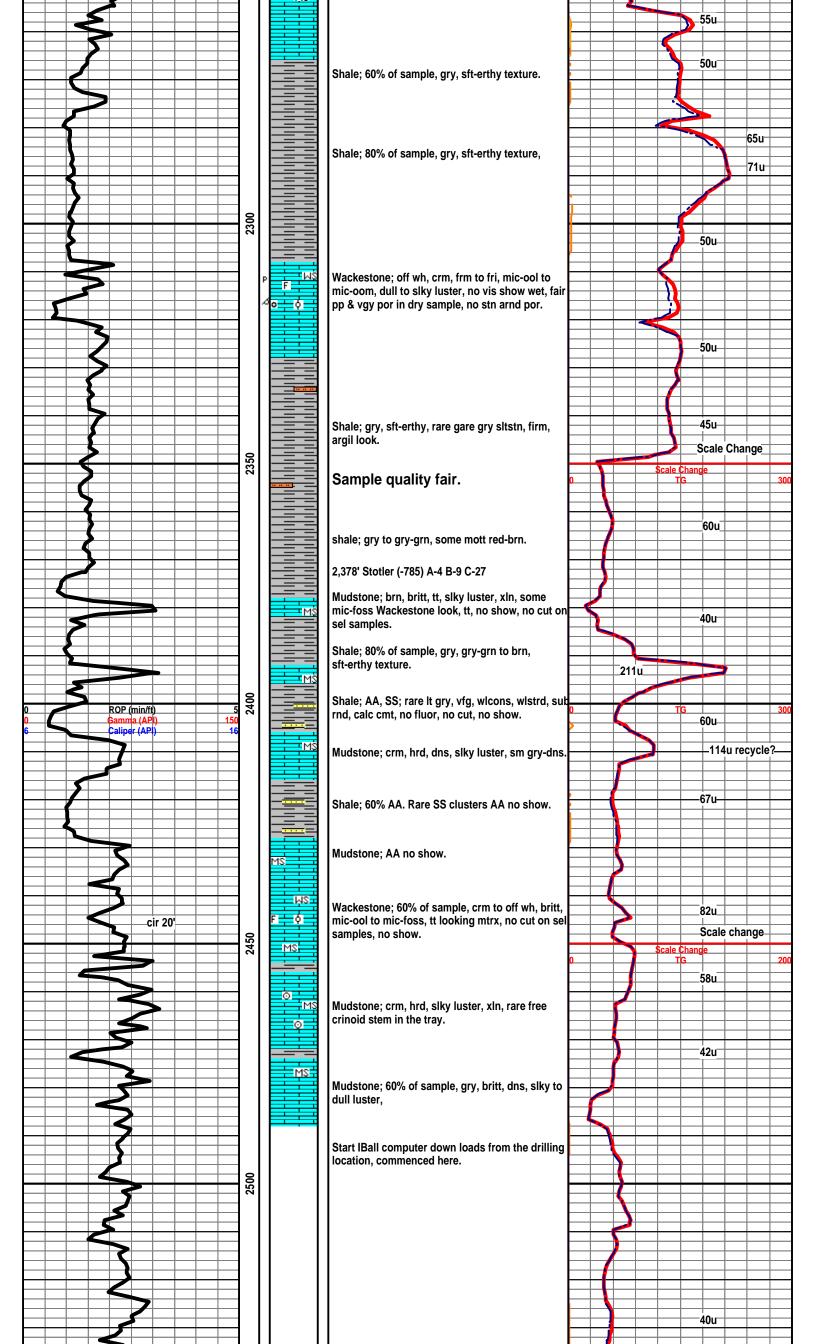


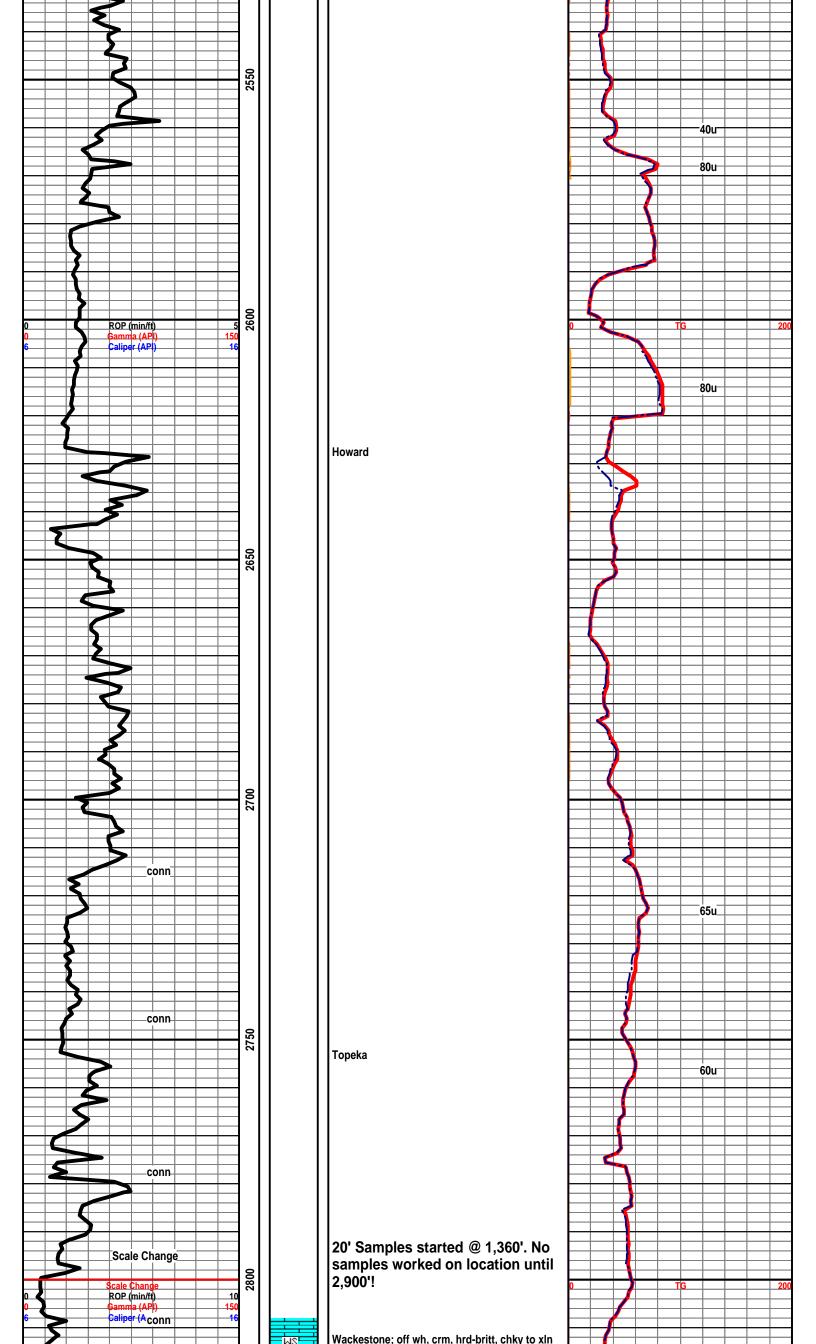


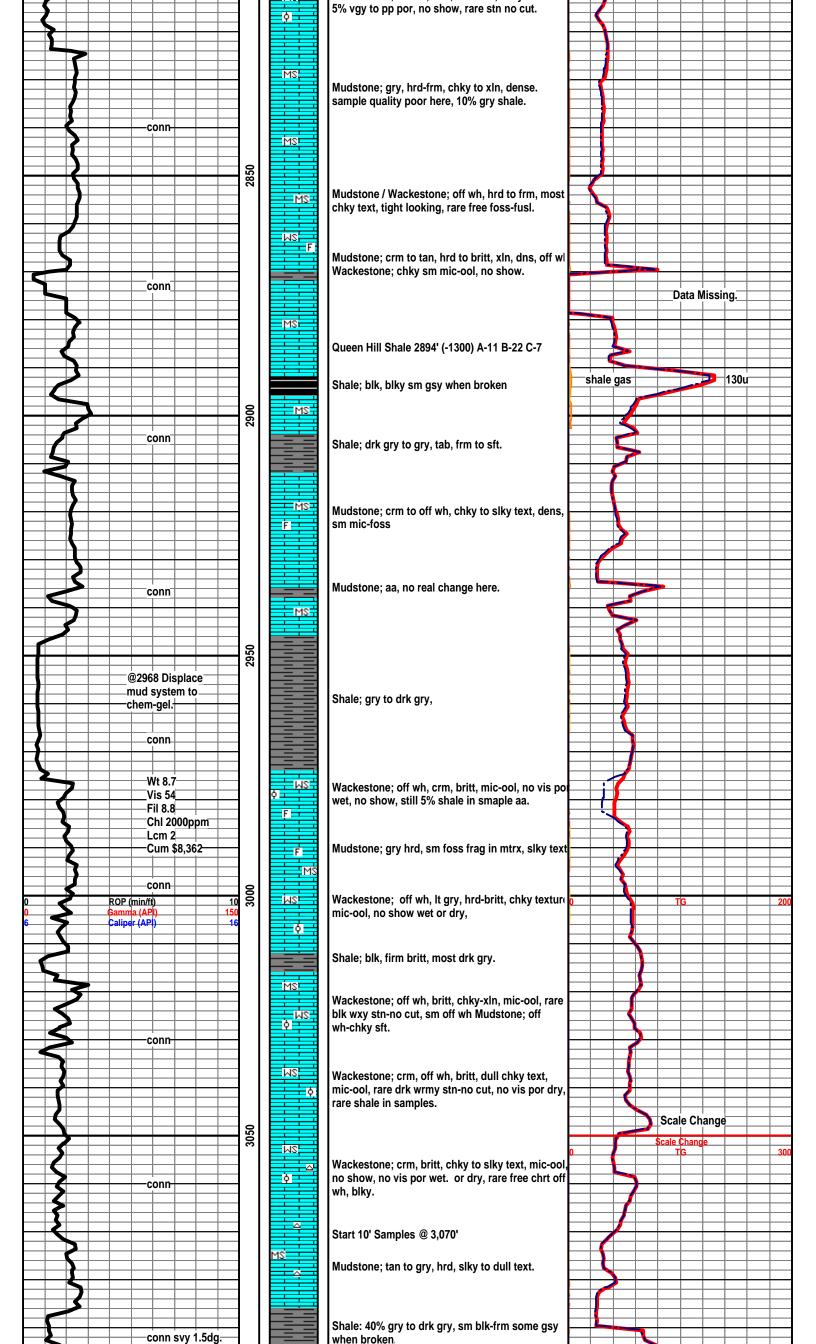


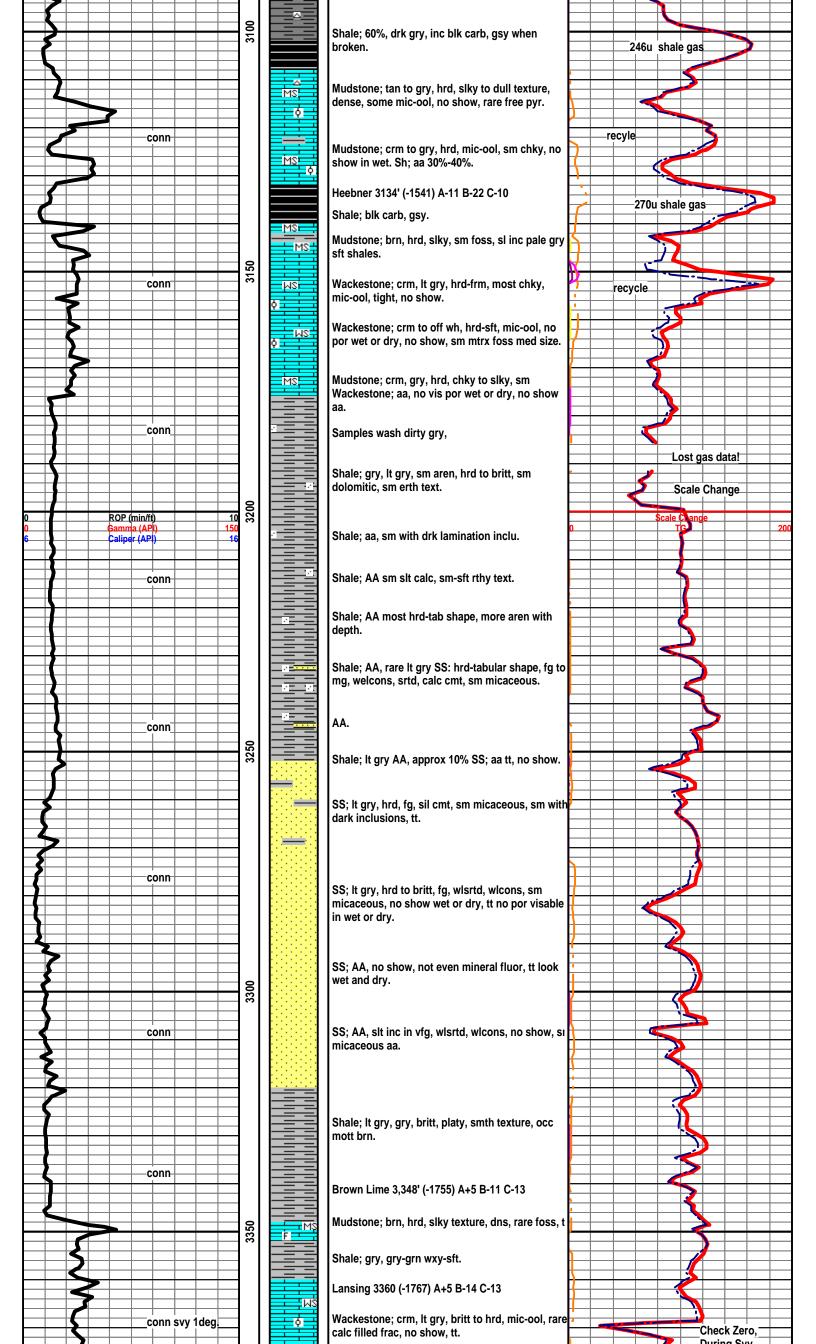


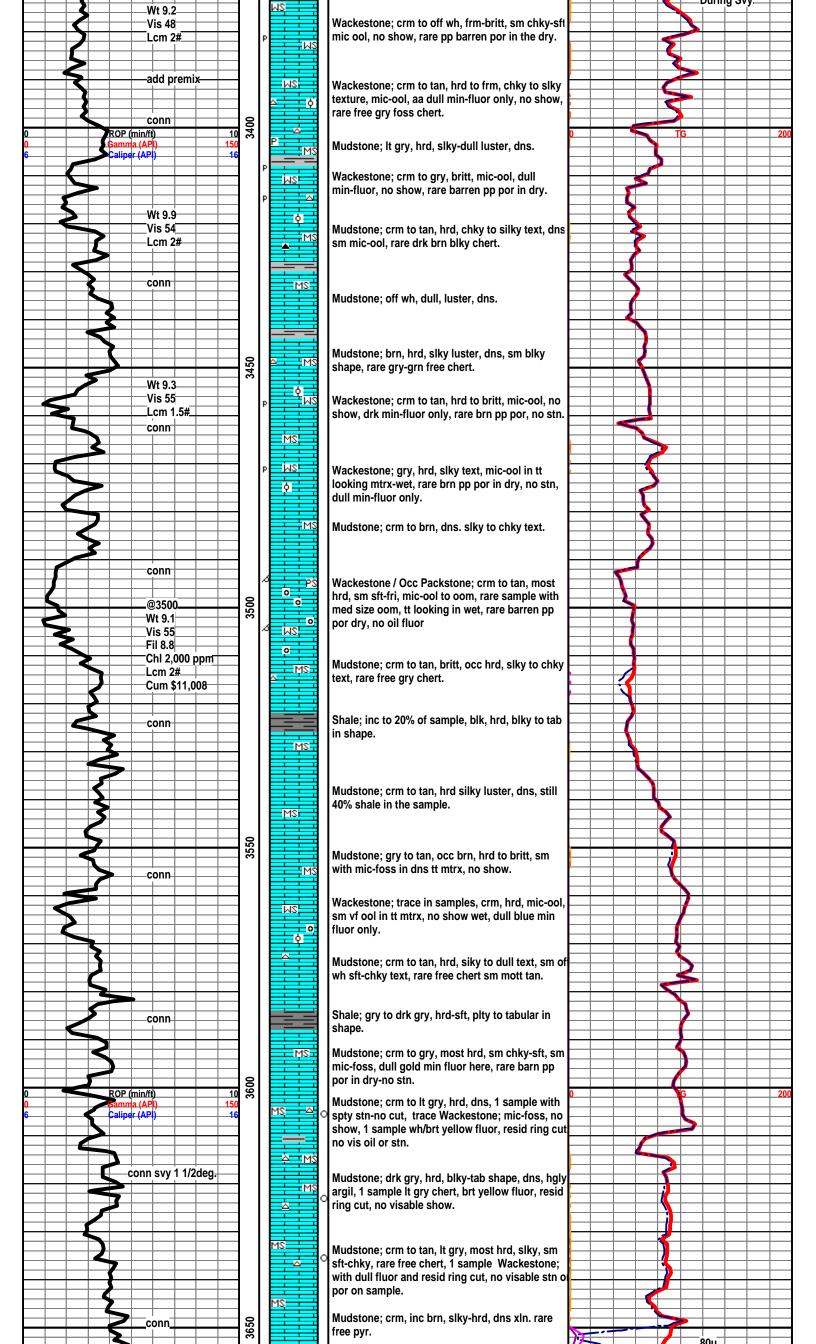


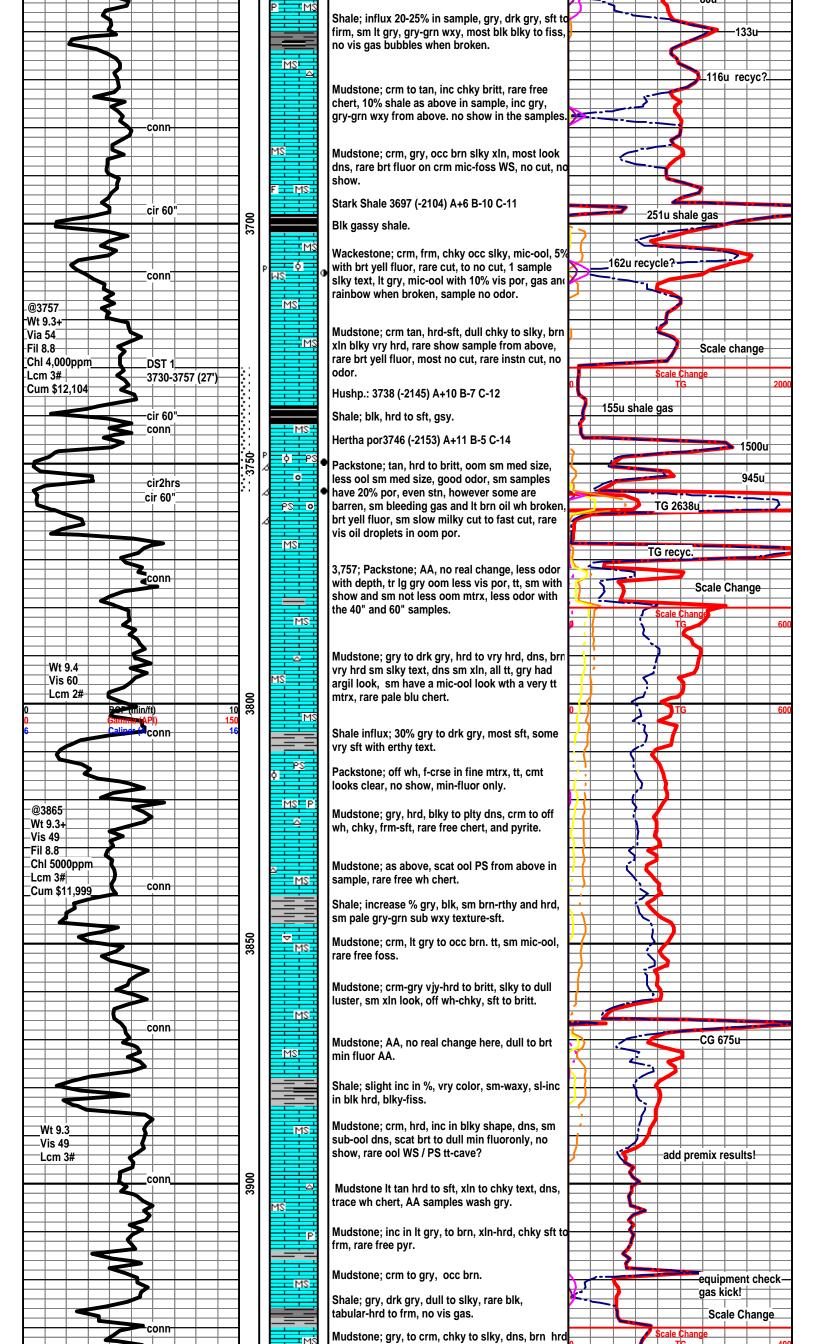


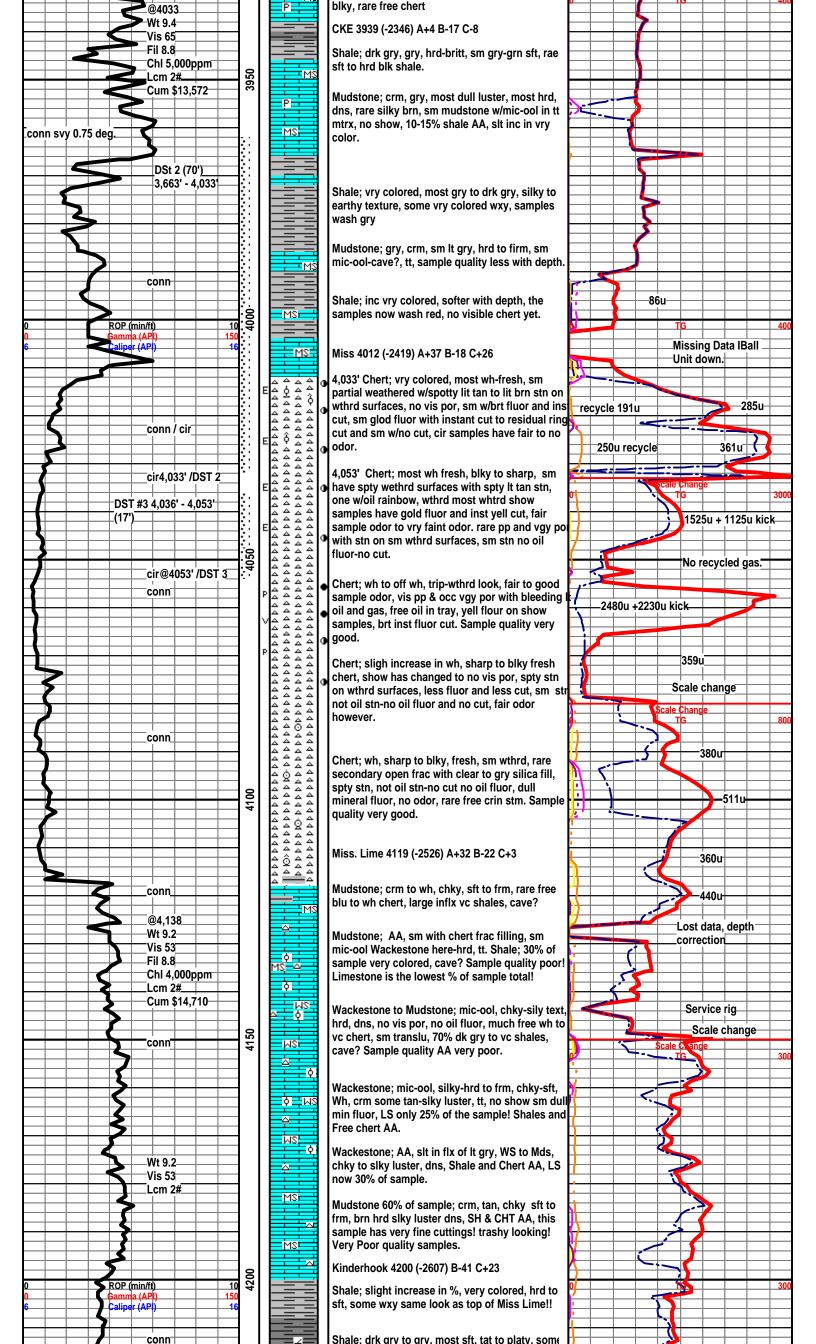


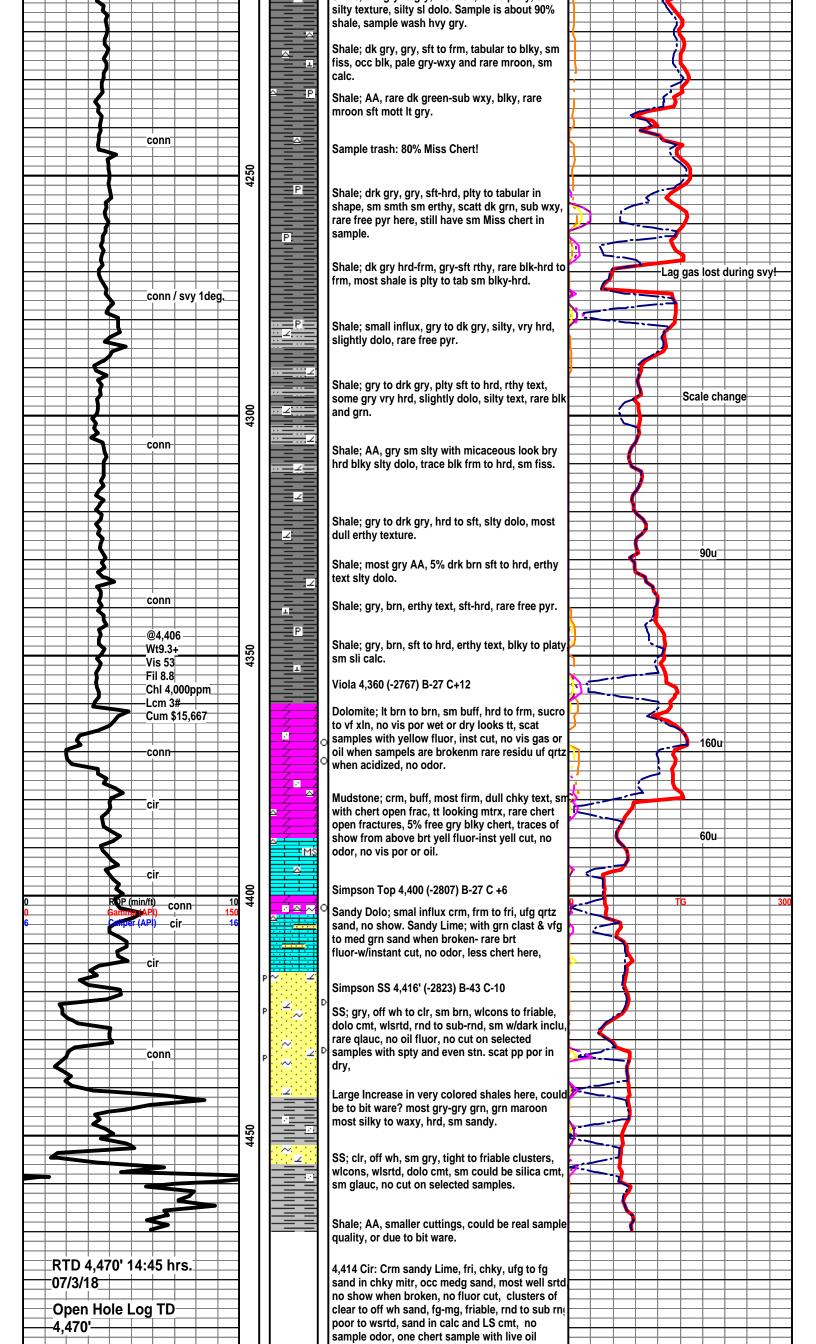












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