KOLAR Document ID: 1402521

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 North / South Line of Section
City: State: Zip:+	Feet from
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) Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
□ Oil □ WSW □ SWD	Producing Formation:
Gas DH EOR	Elevation: Ground: Kelly Bushing:
	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 follows:	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: 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)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
EOR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
GOVV Territt #.	Lease Name: License #:
Canad Date on Date Decembed TD Completing Date on	Quarter Sec TwpS. R
Spud Date or Date Reached TD Completion Date or 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 Approved by: Date:							

KOLAR Document ID: 1402521

Page Two

Operator Name: _				Lease Name:			Well #:			
Sec Twp.	S. R.	E	ast West	County:						
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,		
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log		
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample		
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum		
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No							
		B	CASING eport all strings set-c		New Used	ion, etc.				
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives		
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD					
Purpose:		epth T Bottom	ype of Cement	# Sacks Used	sed Type and Percent Additives					
Perforate Protect Casi Plug Back T										
Plug Off Zor										
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,		
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)				
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity		
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom		
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT		
,	,			B.11 B1						
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record		
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:						
TODING RECORD:	. 3126.	Set	n.	i donei Al.						

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	KEOUGH 9-34
Doc ID	1402521

All Electric Logs Run

Dual Induction	
Density - Neutron	
Micro-log	
Sonic	

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	KEOUGH 9-34
Doc ID	1402521

Tops

Name	Тор	Datum
Heebner Shale	4368	(-1816)
Brown Limestone	4506	(-1954)
Lansing	4523	(-1971)
Stark Shale	4855	(-2303)
Pawnee	5064	(-2512)
Cherokee Shale	5115	(-2563)
Basae Penn Limestone	5213	(-2661)
Mississippian	5243	(-2691)
RTD	5370	(-2818)

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	KEOUGH 9-34
Doc ID	1402521

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	647	POZ & Common	2% Gel & 3% CC



TREATMENT REPORT

Customer	INCEN	TDIL	Ca	RP.	L	.ease No.						Date				
	LEOUG	H			V	Vell # 4	7 -	34		714			11-	25	-211	
Field Order	*8 Statio	on Pe,	417,	Ks.				Casing	5/8"	Depti	50'	County	FO	RD		State
	8 5/0"	5.7					114			rmation				Legal [Description 38	-23w
PIP	E DATA	F	PERF	ORAT	ING	DATA		FLUID	USED)			TREAT		RESUME	
Casing Size	23 Hobing S	ize S	hots/Fi	1	CM	7	7	50 sx /	CON	1		RATE	PRES	SS	ISIP	α
Depth 47.	5 Septh		rom		To			DPRI 7	0.470	44.5	Max				5 Min.	
Volume 4/	Volume	Fr	rom		To/	77 -	7	50 sx 6	0/40	POZ	Min				10 Min.	
Max Press	Max Pres	Fr	romi		Tö		Es	n pay 1.			Avg	-			-15 Min.	
Well Connecti		Fr	rom		То						HHP Use				Annulus F	
Plug Depth	Packer D	epth Fr	rom		То				783	4	Gas Volui				Total Load	i
Customer Re	presentative	1.1	r at	KEY		Station	Mar	nager) (CF 57	TRAIN	AN	Trea	ter	6-56	214	
Service Units	78869	124	Tree	2093	20.	1490	3	7376E	2						7	
Driver Names	(8.864		RHic			DREE	P.J		_							
Time	Casing Pressure	Tubi Press		Bbls.	Pum	ped		Rate					Servic	e Log		
(10)m									_0	N. L	SC1-177	011	- 5E		MEET	71.Cj
1. DAM							_		No	MIT	SULS	<u>, E</u>		x 23		,
			-						5)	12.17	- 0	AFF	UE C	= lec =	
o Boarn			-		_				16	17.	CAJ 10	K TIC	7	_		I.m.
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PAGE	CUST NO	YARD #	INVOICE DATE						
1 of 1	1004433	1718	11/30/2017						
INVOICE NUMBER									
92580824									

Pratt

(620) 672-1201

B VINCENT OIL CORPORATION 200 WEST DOUGLAS STE 725

_ WICHITA

KS US

67202

O ATTN:

BRYAN HILLS

LEASE NAME

Keough 9-34

LOCATION В

COUNTY

Ford

STATE

KS

Т

JOB DESCRIPTION Cement-New Well Casing/Pi

Ε JOB CONTACT

јов #	EQUIPMENT #	PURCHASE	ORDER NO.		TERMS	DUE DATE
41072690	20920				Net - 30 days	12/30/2017
			QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates	s: 11/25/2017 to	11/25/2017				
041072690						
171816098A Cem Cement Surface	nent-New Well Casing/	Pi 11/25/2017				
A-Con' Blend			150.00		10.26	
60/40 POZ			150.00		6.84	
Calcium Chloride			810.00		0.60	
Celloflake			76.00		2.11	
"Top Rubber Cmt			1.00		128.25	
"Baffle Plate Alum			1.00 60.00		96.90 2.57	i e
Heavy Equipment N	(PU, cars one way)"		120.00		4.28	
	el. Chgs., per ton mil		810.00		1.43	
Blending & Mixing			300.00		0.80	
Plug Container Util			1.00		142.50	i e
Depth Charge; 501			1.00		684.00	
	r, first 8 hrs on loc.		1.00	EA	99.76	99,
		F.2				
				_		
T DA CEL DENGTH III		ID OTHER CORREC				

PLEASE REMIT TO:

SEND OTHER CORRESPONDENCE TO:

PO BOX 841903 DALLAS, TX 75284-1903

BASIC ENERGY SERVICES, LP BASIC ENERGY SERVICES, LP 801 CHERRY ST, STE 2100 FORT WORTH, TX 76102

SUB TOTAL

TAX

6,422.02 245.57

INVOICE TOTAL

6,667.59

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

6768

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

Contractor Duke 1 Type Job Rotory DTH Hole Size 778 Csg. 4-5 Oill Pipe Tbg. Size	T.D. Depth Depth	7-34	To Y	Owner To Quality We	II Canifer Inc			
Contractor Deake 1 Type Job Rotory DTA Hole Size 77/8 Csg. 4-5 Orll Pipe Tbg. Size	Depth		To Y	To Quality We	II Candaa laa			
Type Job Rotory DTA. Hole Size 776 Csg. 4-5 O. Il Pipe Tbg. Size	Depth		Y	To Quality We	II Consider Inc			
Csg. 4-5 Oral Pipe Tbg. Size	Depth		c		To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish			
Csg. 4-5 Oral Pipe Tbg. Size	1			cementer and helper to assist owner or contractor to do work as listed.				
Tbg. Size	Depth	Csg. 4-5 Oral Pape Depth		Charge Vincent				
-	Tbg. Size Depth			Street				
Tool Depth		C	City State					
Cement Left in Csg.	Shoe Join	nt				and supervision of owner	307	
Meas Line	Displace				unt Ordered 1704	ex 60/40 4/2	Gel	
EQUIP	MENT			14 CF				
Pumptrk & No.				Common /0	5			
Bulktrk 10 No. 10 16 1			P	Poz. Mix 6	5			
Bulktrk No.			G	Gel. lo				
Pickup No.			C	Calcium				
JOB SERVICES	& REMAR	KS	H H	Hulls				
Rat Hole 305x			S	Salt				
Mouse Hole 2			F	Flowseal 42.50				
Centralizers			К	Kol-Seal				
Baskets		12	N	Mud CLR 48				
D/V or Port Collar			C	CFL-117 or CD110 CAF 38				
1 Tumped 50 Sx 60/40	4% Ge	10 161	o's	Sand				
			н	Handling 176				
and Pumped 50sy Gold	10 4%	Sel D	N	Mileage 👸				
660'					FLOAT EQUIPM	IENT		
_000			G	Guide Shoe				
Brd Pumped 20 sx 60	Man 4	1/2 Gol 6) 0	Centralizer				
60' +0 Surface			В	Baskets				
yo 10 surrace			A	AFU Inserts				
th Durad Roll + My	البارة	e with	F	loat Shoe				
505x 60140 4% 6		20-17		atch Down				
30>4 40140 410 411			1	124 5				
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The state of the s						Discount		
X Signature						Total Charge	*	



Vincent Oil Corporation

34-28S-23W

200 W Douglas Ste 725 Wichita, KS 67202

Keough 9-34

Job Ticket: 63635

DST#: 1

ATTN: Tom Dudgeon

Test Start: 2017.12.01 @ 18:14:41

GENERAL INFORMATION:

Formation: Paw nee

Deviated: No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial) Time Tool Opened: 21:30:26 Tester: Leal Cason Time Test Ended: 04:31:41 Unit No: 74

Interval: 5052.00 ft (KB) To 5087.00 ft (KB) (TVD) Reference Elevations: 2552.00 ft (KB) Total Depth: 5087.00 ft (KB) (TVD) 2540.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 12.00 ft

Serial #: 6798 Inside

Press@RunDepth: 5053.00 ft (KB) Capacity: 124.54 psig @ 8000.00 psig

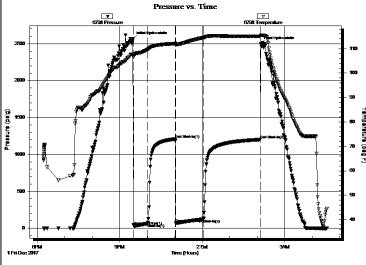
Start Date: 2017.12.01 End Date: 2017.12.02 Last Calib.: 2017.12.02 Start Time: 18:14:42 End Time: 2017.12.01 @ 21:28:56 04:31:41 Time On Btm: Time Off Btm: 2017.12.02 @ 02:07:41

TEST COMMENT: IF: Fair Blow . Built to 21 inches

ISI: No Blow Back

FF: Fair Blow . Built to 17 1/2 inches

ISI: No Blow Back



FILOSOIL SOIVIIVIAILI					
Ī	Time	Pressure	Temp	Annotation	
	(Min.)	(psig)	(deg F)		
	0	2568.55	107.68	Initial Hydro-static	
	2	34.74	107.18	Open To Flow (1)	
	33	64.56	109.67	Shut-ln(1)	
	93	1209.75	112.03	End Shut-In(1)	
	94	69.69	111.69	Open To Flow (2)	
	154	124.54	114.46	Shut-In(2)	
6 5	278	1201.54	115.05	End Shut-In(2)	
J	279	2500.29	115.46	Final Hydro-static	
		1	1	1	

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)
0.00	176 GIP	0.00
126.00	Water	1.77
136.00	SOCM 4% O 96% M	1.91

Gas Rat	es	
Choke (inches)	Pressure (neig)	Gas Rate (MMcf/d)

Trilobite Testing, Inc. Ref. No: 63635 Printed: 2017.12.02 @ 05:23:54



Vincent Oil Corporation

34-28S-23W

200 W Douglas Ste 725

Keough 9-34

Wichita, KS 67202

ATTN: Tom Dudgeon

Job Ticket: 63635 DST#: 1

Test Start: 2017.12.01 @ 18:14:41

GENERAL INFORMATION:

Formation: Paw nee

Total Depth:

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

Time Tool Opened: 21:30:26 Tester: Leal Cason 74

Time Test Ended: 04:31:41 Unit No:

Interval: 5052.00 ft (KB) To 5087.00 ft (KB) (TVD) Reference Elevations: 2552.00 ft (KB)

> 5087.00 ft (KB) (TVD) 2540.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 12.00 ft

Serial #: 6806 Outside

Press@RunDepth: 5053.00 ft (KB) Capacity: psig @ 8000.00 psig

Start Date: 2017.12.01 End Date: 2017.12.02 Last Calib.: 2017.12.02

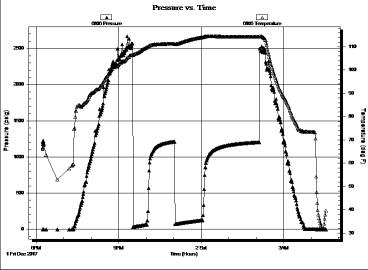
Start Time: 18:14:42 End Time: Time On Btm: 04:31:41 Time Off Btm:

TEST COMMENT: IF: Fair Blow . Built to 21 inches

ISI: No Blow Back

FF: Fair Blow . Built to 17 1/2 inches

ISI: No Blow Back



	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
2				
n n				
Temperature (deg F)				
d 0 F				
_				

Recovery

Length (ft)	Description	Volume (bbl)
0.00	176 GIP	0.00
126.00	Water	1.77
136.00	SOCM 4%O 96%M	1.91
ļ————	 	· · · · · · · · · · · · · · · · · · ·

Gas Rates

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

Trilobite Testing, Inc. Ref. No: 63635 Printed: 2017.12.02 @ 05:23:54



FLUID SUMMARY

Vincent Oil Corporation

34-28S-23W

200 W Douglas Ste 725 Wichita, KS 67202 Keough 9-34

Job Ticket: 63635

DST#: 1

ATTN: Tom Dudgeon

Test Start: 2017.12.01 @ 18:14:41

Mud and Cushion Information

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

Mud Weight: 9.00 lb/gal Cushion Length: ft Water Salinity: 63000 ppm

Viscosity: 57.00 sec/qt Cushion Volume: bbl

Water Loss: 7.99 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 6600.00 ppm Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	176 GIP	0.000
126.00	Water	1.767
136.00	SOCM 4% O 96% M	1.908

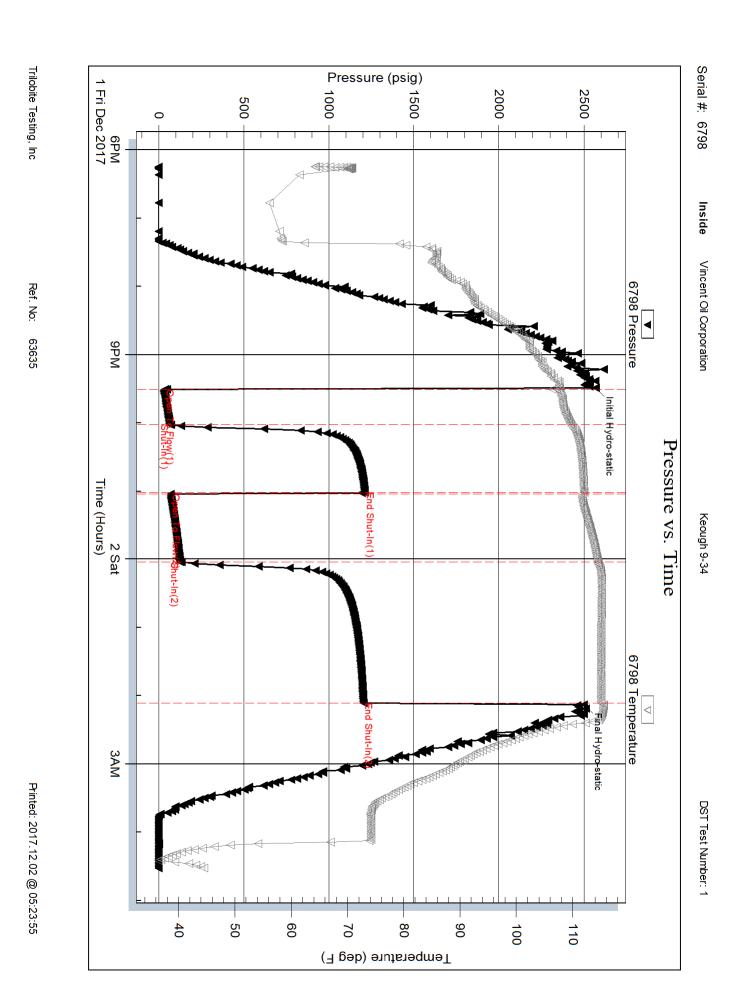
Total Length: 262.00 ft Total Volume: 3.675 bbl

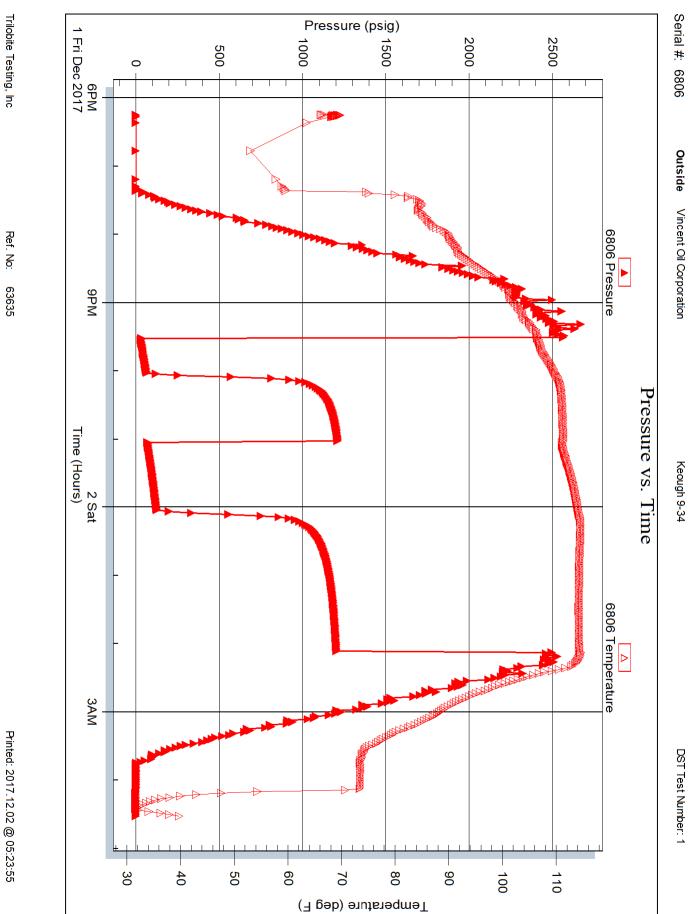
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW was .24 @ 36 degrees

Trilobite Testing, Inc Ref. No: 63635 Printed: 2017.12.02 @ 05:23:55







Vincent Oil Corporation

34-28S-23W

200 W Douglas Ste 725 Wichita, KS 67202 Keough 9-34

Job Ticket: 63636

Reference Elevations:

DST#: 2

2552.00 ft (KB)

ATTN: Tom Dudgeon

Test Start: 2017.12.03 @ 10:37:19

GENERAL INFORMATION:

Formation: Mississippi

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

Time Tool Opened: 12:15:49

Tester: Leal Cason
Time Test Ended: 20:07:49

Unit No: 74

Interval: 5165.00 ft (KB) To 5275.00 ft (KB) (TVD)

Total Depth: 5275.00 ft (KB) (TVD)

2540.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 12.00 ft

Serial #: 6798 Inside

Press@RunDepth: 256.76 psig @ 5166.00 ft (KB) Capacity: 8000.00 psig

 Start Date:
 2017.12.03
 End Date:
 2017.12.03
 Last Calib.:
 2017.12.03

 Start Time:
 10:37:20
 End Time:
 20:07:49
 Time On Btm:
 2017.12.03 @ 12:11:34

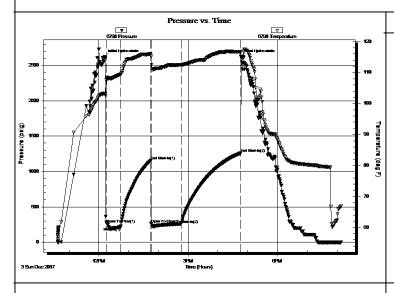
 Time Off Btm:
 2017.12.03 @ 16:46:34

TEST COMMENT: IF: Strong Blow, BOB in 1 minute, GTS in 11 minutes, Gauged & Caught Sample

ISI: No Blow Back

FF: Strong Blow, BOB & GTS Immediate, Gauged Gas

FSI: Blow Back Built to 4 inches



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2623.07	103.27	Initial Hydro-static
5	266.60	108.29	Open To Flow (1)
33	212.96	109.44	Shut-In(1)
94	1156.17	116.04	End Shut-In(1)
94	261.40	115.19	Open To Flow (2)
155	256.76	112.46	Shut-In(2)
275	1260.11	116.58	End Shut-In(2)
275	2620.04	115.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)			
0.00	4599 GIP	0.00			
252.00	GMCO 20%G 20%M 60%O	3.53			
315.00	GOCM 20%G 10%O 70%M	4.42			
* Recovery from multiple tests					

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	18.00	28.55
Last Gas Rate	0.25	9.00	14.28
Max. Gas Rate	0.25	20.00	31.73

Trilobite Testing, Inc Ref. No: 63636 Printed: 2017.12.03 @ 20:23:28



Vincent Oil Corporation

34-28S-23W

200 W Douglas Ste 725

Keough 9-34

Wichita, KS 67202

ATTN: Tom Dudgeon

Job Ticket: 63636 DST#: 2

Test Start: 2017.12.03 @ 10:37:19

GENERAL INFORMATION:

Formation: Mississippi

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

Time Tool Opened: 12:15:49 Tester: Leal Cason Time Test Ended: 20:07:49 74

Unit No:

Interval: 5165.00 ft (KB) To 5275.00 ft (KB) (TVD) Reference Elevations: 2552.00 ft (KB)

2540.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 12.00 ft

Serial #: 6806 Outside

Total Depth:

Press@RunDepth: 5166.00 ft (KB) psig @ Capacity: 8000.00 psig

Start Date: 2017.12.03 End Date: 2017.12.03 Last Calib.: 2017.12.03

Start Time: 10:37:20 End Time: Time On Btm: 20:07:49

Time Off Btm:

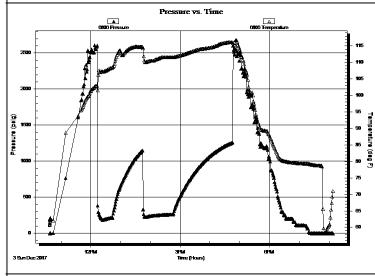
TEST COMMENT: IF: Strong Blow, BOB in 1 minute, GTS in 11 minutes, Gauged & Caught Sample

ISI: No Blow Back

5275.00 ft (KB) (TVD)

FF: Strong Blow, BOB & GTS Immediate, Gauged Gas

FSI: Blow Back Built to 4 inches



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4599 GIP	0.00
252.00	252.00 GMCO 20%G 20%M 60%O	
315.00 GOCM 20%G 10%O 70%M		4.42
* Recovery from mul	tiple tests	,

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	18.00	28.55
Last Gas Rate	0.25	9.00	14.28
Max. Gas Rate	0.25	20.00	31.73

Trilobite Testing, Inc. Ref. No: 63636 Printed: 2017.12.03 @ 20:23:28



FLUID SUMMARY

Vincent Oil Corporation

34-28S-23W

200 W Douglas Ste 725 Wichita, KS 67202

Keough 9-34

Job Ticket: 63636

DST#: 2

ATTN: Tom Dudgeon

Test Start: 2017.12.03 @ 10:37:19

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil API:deg APIMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 57.00 sec/qt Cushion Volume: bbl

7.98 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 6600.00 ppm Filter Cake: 0.02 inches

Recovery Information

Water Loss:

Recovery Table

Length ft	Description	Volume bbl
0.00	4599 GIP	0.000
252.00	GMCO 20%G 20%M 60%O	3.535
315.00	GOCM 20%G 10%O 70%M	4.419

Total Length: 567.00 ft Total Volume: 7.954 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 63636 Printed: 2017.12.03 @ 20:23:28



GAS RATES

Vincent Oil Corporation

34-28S-23W

200 W Douglas Ste 725 Wichita, KS 67202

Keough 9-34

Job Ticket: 63636 DST#: 2

Test Start: 2017.12.03 @ 10:37:19

Gas Rates Information

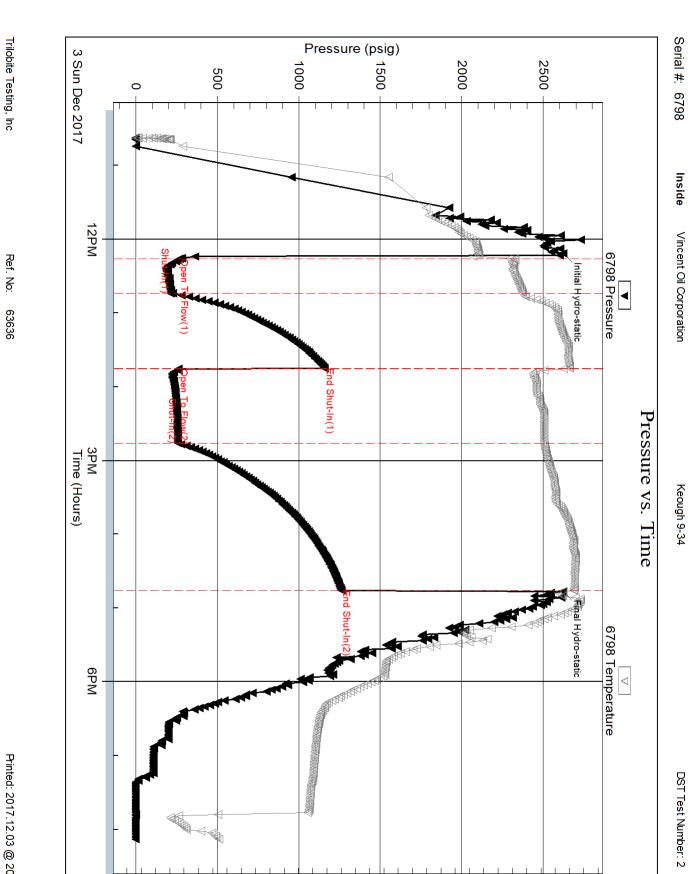
Temperature: 59 (deg F)

Relative Density: 0.65 Z Factor: 8.0

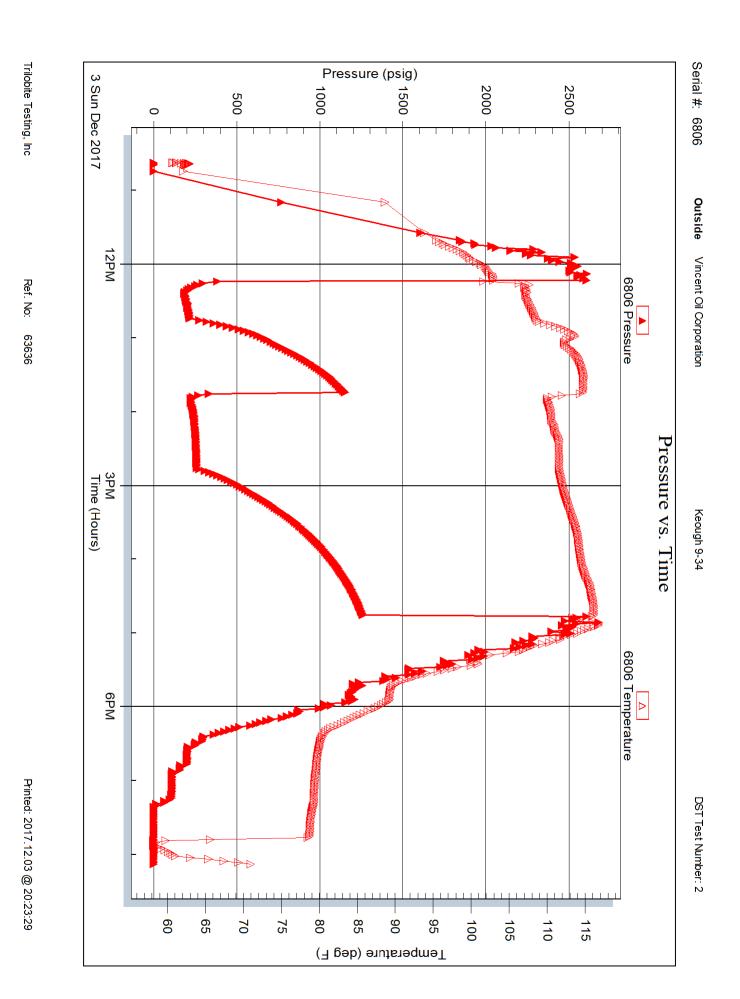
Gas Rates Table

Flow Period	⊟apsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	20	0.25	18.00	28.55
1	30	0.25	20.00	31.73
2	10	0.25	14.00	22.21
2	20	0.25	14.00	22.21
2	30	0.25	12.00	19.04
2	40	0.25	11.00	17.45
2	50	0.25	9.00	14.28
2	60	0.25	9.00	14.28

Trilobite Testing, Inc Ref. No: 63636 Printed: 2017.12.03 @ 20:23:28



Temperature (deg F)





Vincent Oil Corporation

34-28S-23W

200 W Douglas Ste 725

Keough 9-34

Wichita, KS 67202

Job Ticket: 63637 DST#: 3

ATTN: Tom Dudgeon

Test Start: 2017.12.04 @ 05:32:19

GENERAL INFORMATION:

Formation: Mississippi

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

Time Tool Opened: 08:41:34 Tester: Leal Cason 74

Time Test Ended: 16:39:04 Unit No:

Interval: 5258.00 ft (KB) To 5287.00 ft (KB) (TVD) Reference Elevations: 2552.00 ft (KB) Total Depth: 5287.00 ft (KB) (TVD)

2540.00 ft (CF)

7.88 inches Hole Condition: Good KB to GR/CF: 12.00 ft Hole Diameter:

Serial #: 6798 Inside

Press@RunDepth: 133.53 psig @ 5259.00 ft (KB) Capacity: 8000.00 psig

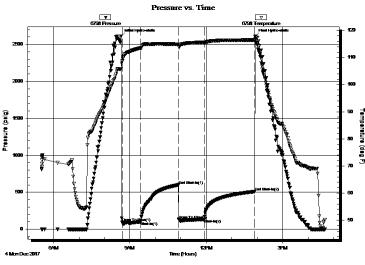
Start Date: 2017.12.04 End Date: 2017.12.04 Last Calib.: 2017.12.04 Start Time: 05:32:20 End Time: 16:39:04 Time On Btm: 2017.12.04 @ 08:39:04 Time Off Btm: 2017.12.04 @ 13:54:49

TEST COMMENT: IF: Strong Blow , BOB in 1 minute, GTS in 26 minutes, Caught Sample, TSTM

ISI: Blow Back Built to 7 inches

FF: Strong Blow, BOB in 2 minutes, GTS Immediate, TSTM

FSI: Blow Back Built to 2 inches



	Time	Pressure	Temp	Annotation	ĺ
	(Min.)	(psig)	(deg F)		
	0	2607.77	105.84	Initial Hydro-static	
	3	94.33	108.59	Open To Flow (1)	l
	46	101.16	113.47	Shut-In(1)	l
	136	600.15	114.93	End Shut-In(1)	
3	137	132.91	113.94	Open To Flow (2)	l
	196	133.53	115.65	Shut-In(2)	l
6	316	509.75	116.42	End Shut-In(2)	l
"	316	2607.07	117.59	Final Hydro-static	l
					l
					l
					ĺ

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)
0.00 4947 GIP		0.00
63.00	MCW 10%M 90%W	0.88
252.00	GWMCO 10%G 10%W 25%M 55%O	3.53
* Recovery from mult	tiple tests	

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

Trilobite Testing, Inc. Ref. No: 63637 Printed: 2017.12.04 @ 17:18:36



Vincent Oil Corporation

34-28S-23W

200 W Douglas Ste 725

Keough 9-34

Wichita, KS 67202

Job Ticket: 63637 DST#: 3

ATTN: Tom Dudgeon Test Start: 2017.12.04 @ 05:32:19

GENERAL INFORMATION:

Formation: Mississippi

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

Time Tool Opened: 08:41:34 Tester: Leal Cason Time Test Ended: 16:39:04 74

Unit No:

Interval: 5258.00 ft (KB) To 5287.00 ft (KB) (TVD) Reference Elevations: 2552.00 ft (KB)

2540.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 12.00 ft

Serial #: 6806 Outside

Total Depth:

Press@RunDepth: 5259.00 ft (KB) psig @ Capacity: 8000.00 psig

Start Date: 2017.12.04 End Date: 2017.12.04 Last Calib.: 2017.12.04

Start Time: 05:32:20 End Time: Time On Btm: 16:39:04 Time Off Btm:

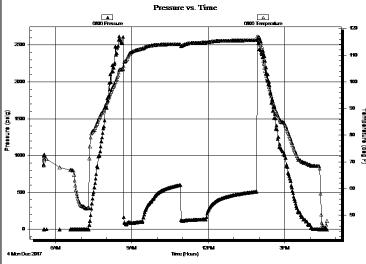
TEST COMMENT: IF: Strong Blow , BOB in 1 minute, GTS in 26 minutes, Caught Sample, TSTM

ISI: Blow Back Built to 7 inches

5287.00 ft (KB) (TVD)

FF: Strong Blow, BOB in 2 minutes, GTS Immediate, TSTM

FSI: Blow Back Built to 2 inches



PRESSURE SUMMAR	۲Y
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-	Time	Pressure	Temp	Annotation
	(Min.)			, unicadori
	(IVIIII.)	(psig)	(deg F)	
,				
3				
Temperature (deg F)				
٠				

Recovery

Length (ft)	Description	Volume (bbl)	
0.00	4947 GIP	0.00	
63.00	MCW 10%M 90%W	0.88	
252.00	GWMCO 10%G 10%W 25%M 55%O	3.53	
* Recovery from mul	tiple tests		

Gas Rates

Choke (inche	s) Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc. Ref. No: 63637 Printed: 2017.12.04 @ 17:18:36



FLUID SUMMARY

Vincent Oil Corporation

34-28S-23W

200 W Douglas Ste 725 Wichita, KS 67202 Keough 9-34

Job Ticket: 63637

DST#: 3

ATTN: Tom Dudgeon

Test Start: 2017.12.04 @ 05:32:19

Mud and Cushion Information

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

Mud Weight: 9.00 lb/gal Cushion Length: ft Water Salinity: 59000 ppm

Viscosity: 57.00 sec/qt Cushion Volume: bbl

Water Loss: 7.98 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 6600.00 ppm Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	4947 GIP	0.000
63.00	MCW 10%M 90%W	0.884
252.00	GWMCO 10%G 10%W 25%M 55%O	3.535

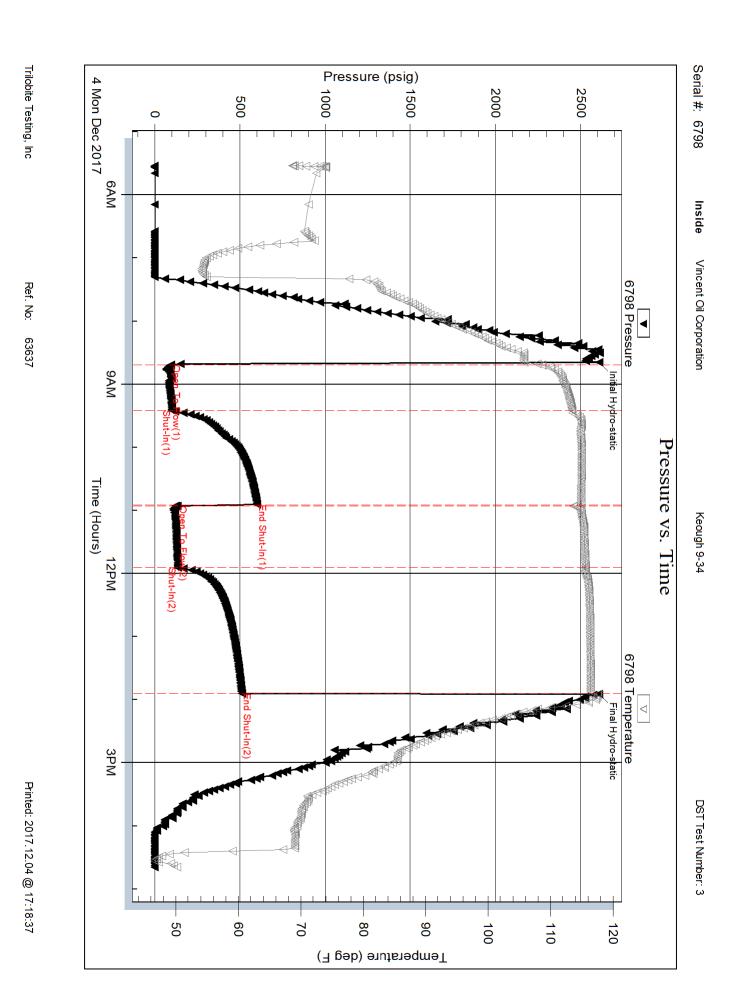
Total Length: 315.00 ft Total Volume: 4.419 bbl

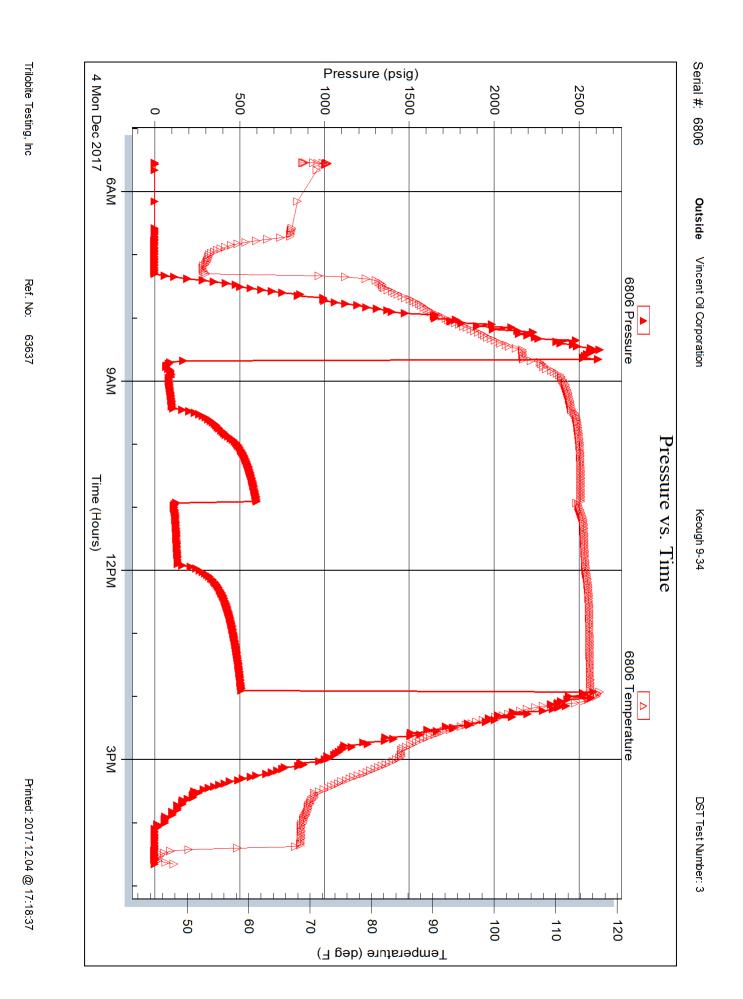
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

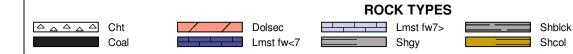
Laboratory Name: Laboratory Location:

Recovery Comments: RW was .15 @ 60 degrees

Trilobite Testing, Inc Ref. No: 63637 Printed: 2017.12.04 @ 17:18:37







ACCESSORIES

MINERAL

- ▲ Chert, dark
- ∠ Dolomitic
- Glauconite
- Heavy, dark minerals
- Sandy
- · Silty
- ∠ Euhed rhombs of dol or (
- △ Chert White

FOSSIL

- Bioclastic or Fragmental
- Crinoids
- F Fossils < 20%
- ♦ Oolite

STRINGER

Dolomite · · · Sandstone

TEXTURE

C Chalky CX Cryptocrystalline

Shcol

e Earthy

MX MicroxIn

OTHER SYMBOLS

POROSITY TYPE

- imes Intercrystalline
- Φ Interoolitic
- V Vuggy P Pinpoint
- Moldic کر O Organic
- F Fracture
- e Earthy
- Fenestral

OIL SHOWS Even Stn

- Spotted Stn 50 75 %
- Spotted Stn 25 50 %Spotted Stn 1 25 %

- O Questionable Stn
- D Dead Oil Stn
- Fluorescence

INTERVALS

■ Core∴ DST

O Turnel . #04			ı		Printed by GEOstrip VC Striplog vo	ersion 4.0.7.0 (www.grsi.ca)
Curve Track #01 Total Gas (units) ROP (min/ft) 1:240 Imperial	Cored Interval Depth Intervals	DST Interval Porosity Types	Interpreted Lithology	Oil Shows	Geological Descriptions	Comment
Total Gas (units) ROP (min/ft)	200 10 4110					
	4120					
	4130					
	4140				GEO ON LOC.@ 12:00 PM 11/29/2017 BLOODHOUND GAS DETECTION UNIT 5279, PROVIDED BY BLUESTEM LABS	
	4150					
	4160				KEY WELL FOR STRUCTURAL RELATIONSHIP- KEOUGH #6- 34 SW NW NE SW 34-28S-23W	
	4170					
	4180					
	4190					

