

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1090806

Form ACO-1 August 2013 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. 15
Name:	Spot Description:
Address 1:	SecTwpS. R East West
Address 2:	Feet from North / South Line of Section
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.xxxxxx) (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:
□ Oil □ WSW □ SHOW □ Gas □ D&A □ ENHR □ SIGW □ OG □ GSW □ Temp. Abd. □ CM (Coal Bed Methane) □ Cathodic □ Other (Core, Expl., etc.): □ If Workover/Re-entry: Old Well Info as follows: Operator: Well Name:	Producing Formation: Elevation: Ground: Kelly Bushing: Feet Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt.
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Plug Back Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
□ Commingled Permit #:	Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite:
GSW Permit #:	Cuerter See Two S R Total West
Spud Date or Date Reached TD Completion Date or Recompletion Date	QuarterSec. TwpS. 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
Geologist Report Received
UIC Distribution
ALT I III Approved by: Date:

Page Two



Operator Name:			Lease Name: _			Well #:		
Sec Twp	S. R	East West	County:					
open and closed, flow and flow rates if gas t	ving and shut-in presson to surface test, along w	formations penetrated. I ures, whether shut-in pro vith final chart(s). Attach	essure reached stati n extra sheet if more	c level, hydrosta space is neede	itic pressures, bott d.	tom hole tempe	erature, fluid r	recovery,
		otain Geophysical Data a or newer AND an image		egs must be ema	ailed to kcc-well-lo	gs@kcc.ks.gov	n. Digital elec	tronic log
Drill Stem Tests Taken (Attach Additional	•	Yes No		_	on (Top), Depth ar		Samp	
Samples Sent to Geo	ological Survey	☐ Yes ☐ No	Nam	e		Тор	Datur	m
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No						
List All E. Logs Run:								
		CASING	RECORD Ne	ew Used				
		Report all strings set-	conductor, surface, inte	ermediate, product	ion, 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 P Additiv	
		ADDITIONAL	OFMENTING / OOL					
Purpose:	Depth		CEMENTING / SQL	JEEZE RECORD		araant Additiraa		
Perforate	Top Bottom	Type of Cement	# Sacks Used		Type and F	ercent Additives		
Protect Casing Plug Back TD								
Plug Off Zone								
Did vou perform a hydra	ulic fracturing treatment o	on this well?		Yes	No (If No, ski	p questions 2 ar	nd 3)	
	=	raulic fracturing treatment ex	xceed 350,000 gallons		= ' '	p question 3)	,	
Was the hydraulic fractu	ring treatment information	n submitted to the chemical	disclosure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)	
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Per			cture, Shot, Cement			Depth
	Сроспу Г	octago of Laon morvar i or	ioratou	(>1	mount and rand or ma	teriar Good)		Борит
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or EN				21			
Fotimeted Day 1 . C	0" -	Flowing			Other (Explain)) O" D "		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf Wate	er B	bls. G	Gas-Oil Ratio	Gr 	ravity
DISPOSITI	ON OF GAS:	1	METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:	
Vented Sold		Open Hole	Perf. Dually	Comp. Con	mmingled			
	bmit ACO-18.)	Other (Specify)	(Submit)	ACO-5) (Sub	omit ACO-4)			

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	McCarty 4-36
Doc ID	1090806

All Electric Logs Run

Dual induction	
Density-Neutron	
Micro-log	
Sonic	

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	McCarty 4-36
Doc ID	1090806

Tops

Name	Тор	Datum
Heebner Shale	4341	(-1828)
Brown Limestone	4485	(-1972)
Lansing	4495	(-1982)
Stark Shale	4438	(-2325)
Pawnee	5034	(-2521)
Cherokee Shale	5079	(-2566)
Base Penn Limestone	5178	(-2665)
Mississippian	5204	(-2691)
LTD	5374	(-2861)

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

5477

Home Office 324 Simpson St., Pratt, KS 67124

Todd's Cell 620-388-5422 Office / 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 4-18-12 36	28	23	F	ord	Ks		7:15 pm
Lease Mc Carty V	Vell No.	4-36	Location	on Kings	down ZN IW	34 N Winto	
Contractor Duke 2				Owner			
Type Job Surface				To Quality We You are here	ell Service, Inc. by requested to rent	cementing equipmen	t and furnish
Hole Size 12/4	T.D. 6	52		cementer an	d helper to assist own	ner or contractor to de	o work as listed.
Csg. 85/8	Depth (651.92		Charge Vi	reent oil		
Tbg. Size	Depth			Street			
Tool	Depth			City		State	
Cement Left in Csg. 42	Shoe Jo	oint 42.72	-	The above wa	s done to satisfaction ar	d supervision of owner	agent or contractor.
Meas Line	Displac	e 38.8		Cement Amo	ount Ordered 230	sx 65/35 69	6 Gel
EQUIP		,		3%(c 1	4 C.F. 100 SX Cor	nmon 2% gel 3	%CC 1/4 C.F.
Pumptrk 8 No. Hear				Common 2	40		
Bulktrk 5 No. M.				Poz. Mix	70		
Bulktrk 9 No.	Nd			Gel. 14			4
Pickup No.				Calcium /	۷		
JOB SERVICES	& REMA	RKS		Hulls			
Rat Hole				Salt			
Mouse Hole				Flowseal ?	2.5		
Centralizers				Kol-Seal &	308		
Baskets				Mud CLR 48			
D/V or Port Collar				CFL-117 or	CD110 CAF 38		
				Sand			
Ran 15 its 85/8	csq.			Handling 3	56		
				Mileage 5	0		
Est. circulation wit	h mu	d pump.			FLOAT EQUIPME	NT	
		1. 1		Guide Shoe			
Mixed + pumped 23	05x 6	5/35 6%	901	Centralizer		2	
3% CC 14 C.F. Tailed i	n wit	1 1005x 1	commo	Baskets			
290gel 30/0 CC /4 C.F.	Displ	are with		AFU Inserts			
38.86Ws H% Shut	in 30	izano		Float Shoe			r ^o r >
				Latch Down		•	
Compart did circulat	e to	Surface		85/8	Wooden Plug		la
				85/8	Baffle Plate		
				Pumptrk Cha	rge Surface		3
				Mileage 5			
						Tax	
~ X						Discount	
Signature (E) IN (Mar D	no ten					Total Charge	

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

5480

Home Office 324 Simpson St., Pratt, KS 67124

Office / 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 4-28-12	36	28	23	F	ord	Ks		8:00 pm
Lease McCuty	w	ell No.	4-36	Location	on Kingso	lown KS 211.	41V/W3	1411
Contractor Duke Z					Owner	<i>r.</i> .	,,,	
Type Job Rotary P	09.				You are here	ell Service, Inc.	cementing equipmen	and furnish
Hole Size		T.D. 5	-388		cementer an	d helper to assist own	ner or contractor to d	o work as listed.
Csg.		Depth			Charge V	incent oil	Corp.	
Tbg. Size		Depth			Street			
Tool		Depth			City		State	
Cement Left in Csg.		Shoe Jo	pint		The above wa	s done to satisfaction ar	d supervision of owner	agent or contractor.
Meas Line		Displace	<u> </u>			ount Ordered 2003	x 60/40 49	to Gel
	EQUIPM				1416	C.F.		
Pumptrk 8 No.						20		
Bulktrk 9 No.	Live				Poz. Mix	30		
Bulktrk No.					Gel. 7			
Pickup No.	5				Calcium			
JOB SEF	RVICES	& REMA	RKS		Hulls			
Rat Hole 30 sx.					Salt			
Mouse Hole 20sx					Flowseal 5	O		
Centralizers					Kol-Seal			
Baskets					Mud CLR 48			
D/V or Port Collar					CFL-117 or (CD110 CAF 38		
					Sand			
1st Pumped Sos	y be	140	4/6/6 Gel 8	G	Handling 2	07		
1530					Mileage 50	0		-
						FLOAT EQUIPME	ENT	
200 Pumped 80	Sv 6	0/46	44/0 bel	බ	Guide Shoe			
700					Centralizer			
					Baskets			
310 Pumped 20.	sv (00/40	44 Gel	2	AFU Inserts			
60'					Float Shoe			
					Latch Down			
					8 5/9	Dry hole	Plug	
					Pumptrk Cha	rge Rotory Pla	G	
					Mileage 50			
							Tax	₹.
200		,	/	4.			Discount	
Signature John	lun	legus	ter				Total Charge	
						3		Taylor Printing, Inc.



Vincent Oil Corp

36-28s-23w

155N Market STE 700

McCarty # 4-36

Wichita KS 67202

Job Ticket: 47733 DST#: 1

ATTN: M.L Korphage/ Ken Le

Test Start: 2012.04.27 @ 03:01:03

GENERAL INFORMATION:

Formation: Miss

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

Time Tool Opened: 06:47:03 Time Test Ended: 14:22:48

Unit No:

Interval: 5184.00 ft (KB) To 5240.00 ft (KB) (TVD) Total Depth: 5240.00 ft (KB) (TVD)

Reference Elevations: 2513.00 ft (KB) 2505.00 ft (CF)

7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6755 Press@RunDepth:

Hole Diameter:

Outside

5185.00 ft (KB) 242.15 psig @

Capacity: 8000.00 psig

Start Date: 2012.04.27 End Date: 2012.04.27 Last Calib.: Time On Btm: 2012.04.27 @ 06:44:03

2012.04.27

Start Time: 03:01:08

End Time: 14:22:48

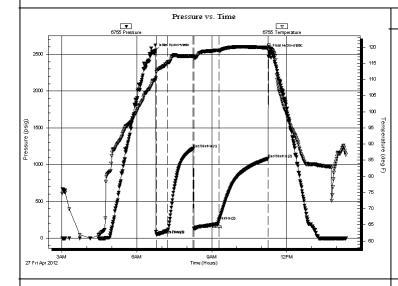
> Time Off Btm: 2012.04.27 @ 11:17:18

TEST COMMENT: IF: Strong blow BOB 1 min

ISI: No blow back

FF: Strong blow BOB 30 sec GTS 15 min TSTM

FSI: Weak blow back 1 1/2"



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2548.14	109.81	Initial Hydro-static
3	53.03	112.27	Open To Flow (1)
30	109.67	115.21	Shut-In(1)
92	1220.92	117.23	End Shut-In(1)
94	127.26	116.50	Open To Flow (2)
153	242.15	119.00	Shut-In(2)
272	1082.10	119.82	End Shut-In(2)
274	2539.73	120.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	5175' GIP	0.00
50.00	G,M 20% gas 80% mud	0.70
120.00	G,O,M,W 10% gas 20% oil40% w ater30	0%1.68d
180.00	O,M,G,W 10% oil10%mud20%gas60%v	v

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mct/d)	
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Printed: 2012.04.28 @ 08:32:22 Trilobite Testing, Inc. Ref. No: 47733



Vincent Oil Corp

36-28s-23w

155N Market

McCarty # 4-36

STE 700 Wichita KS 67202

Job Ticket: 47733 DST#: 1

ATTN: M.L Korphage/ Ken Le

Test Start: 2012.04.27 @ 03:01:03

GENERAL INFORMATION:

Formation: Miss

Time Tool Opened: 06:47:03

Time Test Ended: 14:22:48

Interval:

Total Depth:

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

Tester: Chris Staats

Unit No:

Reference Elevations: 2513.00 ft (KB)

2505.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 6773 Outside

Press@RunDepth: 5185.00 ft (KB) 8000.00 psig psig @ Capacity:

Start Date: 2012.04.27 End Date: 2012.04.27 Last Calib.: 2012.04.27

Start Time: 03:02:03 End Time: Time On Btm: 14:18:13

Time Off Btm:

TEST COMMENT: IF: Strong blow BOB 1 min

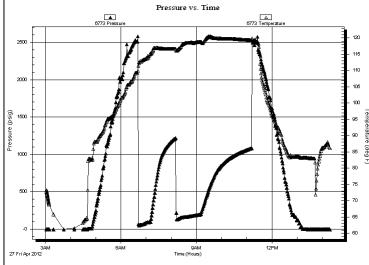
ISI: No blow back

FF: Strong blow BOB 30 sec GTS 15 min TSTM

FSI: Weak blow back 1 1/2"

5184.00 ft (KB) To 5240.00 ft (KB) (TVD)

5240.00 ft (KB) (TVD)



	PRESSURE	SUMMARY
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	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation	
	(101111.)	(psig)	(deg r)		
Temper					
Temperature (deg F)					
9 F)					
		1 1			

Recovery

Length (ft)	Description	Volume (bbl)
0.00	5175' GIP	0.00
50.00	G,M 20% gas 80% mud	0.70
120.00	G,O,M,W 10% gas 20% oil40% w ater30	0%1.68d
180.00 O,M,G,W 10% oil10%mud20%gas60%v		v

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Printed: 2012.04.28 @ 08:32:22 Trilobite Testing, Inc. Ref. No: 47733



FLUID SUMMARY

Vincent Oil Corp

36-28s-23w

155N Market

McCarty # 4-36

STE 700 Wichita KS 67202

Job Ticket: 47733 **DST#:1**

ATTN: M.L Korphage/ Ken Le

Test Start: 2012.04.27 @ 03:01:03

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil A Pl:deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Mud Weight: 9.00 lb/gal Cushion Length: ft
Viscosity: 46.00 sec/qt Cushion Volume: bbl

9.98 in³ Gas Cushion Type:

Resistivity: 0.00 ohm.m Gas Cushion Pressure: psig

Salinity: 6300.00 ppm Filter Cake: 0.02 inches

Recovery Information

Water Loss:

Recovery Table

Length ft	Description	Volume bbl
0.00	5175' GIP	0.000
50.00	G,M 20% gas 80% mud	0.701
120.00 G,O,M,W 10% gas 20% oil40% w ater30% mu		າເ 1.683
180.00	O,M,G,W 10% oil10%mud20%gas60%w atei	r 2.525

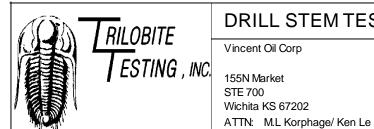
Total Length: 350.00 ft Total Volume: 4.909 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 47733 Printed: 2012.04.28 @ 08:32:23



GAS RATES

DST#: 1

Vincent Oil Corp

155N Market

36-28s-23w

McCarty # 4-36

STE 700 Job Ticket: 47733 Wichita KS 67202

Test Start: 2012.04.27 @ 03:01:03

Gas Rates Information

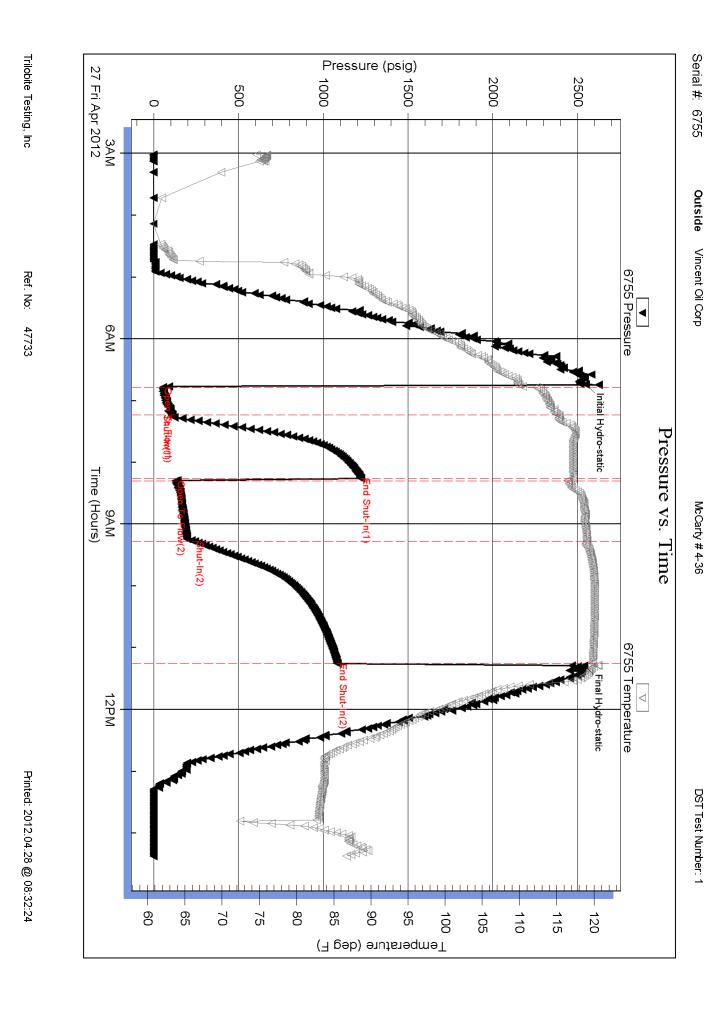
Temperature: 59 (deg F)

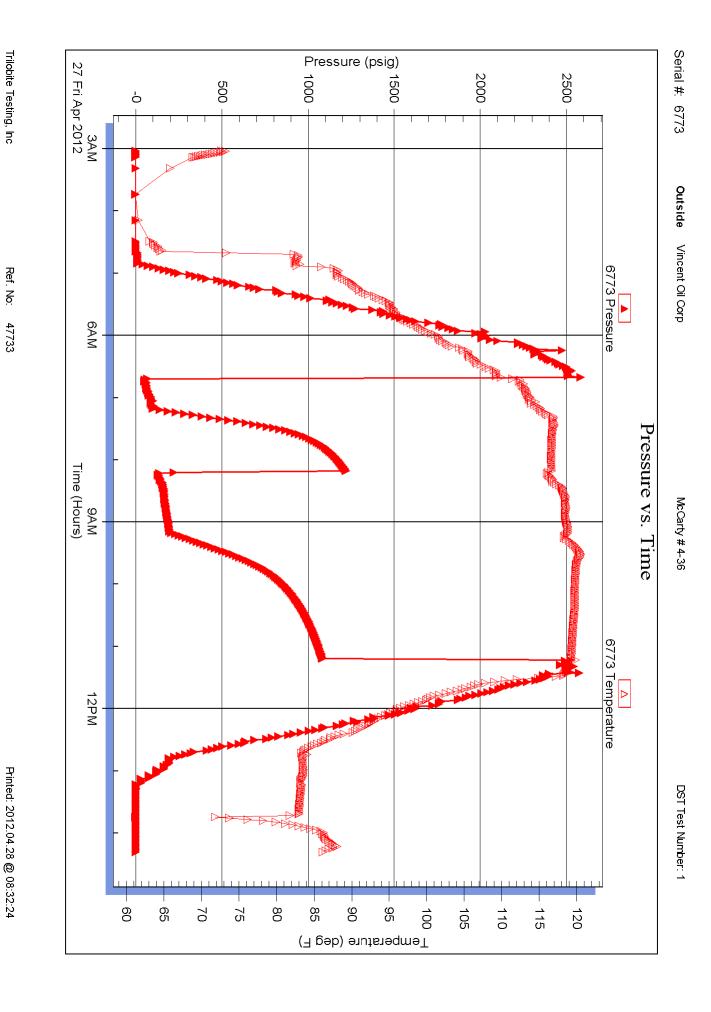
Relative Density: 0.65 Z Factor: 8.0

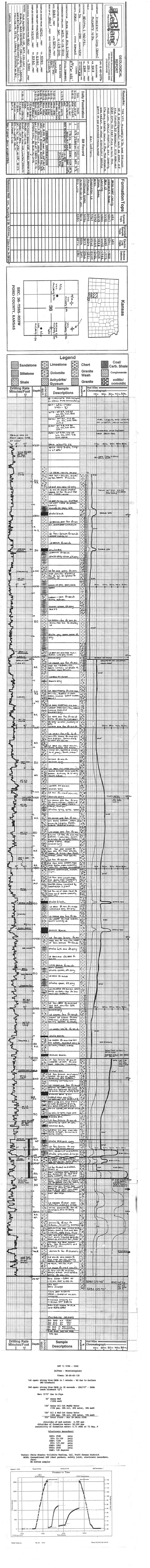
Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
		0.00	0.00	0.00

Trilobite Testing, Inc Ref. No: 47733 Printed: 2012.04.28 @ 08:32:24







Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Mark Sievers, Chairman Thomas E. Wright, Commissioner Sam Brownback, Governor

August 16, 2012

M.L. Korphage Vincent Oil Corporation 155 N MARKET STE 700 WICHITA, KS 67202-1821

Re: ACO1 API 15-057-20796-00-00 McCarty 4-36 NE/4 Sec.36-28S-23W Ford County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, M.L. Korphage