Confidentiality Requested: Yes No

#### KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1091327

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:						
Address 2:	Feet from Dorth / South Line of Section					
City: State: Zip:+	Feet from East / West Line of Section					
Contact Person:	Footages Calculated from Nearest Outside Section Corner:					
Phone: ()						
CONTRACTOR: License #	GPS Location: Lat:, Long:					
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)					
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84					
Purchaser:	County:					
Designate Type of Completion:	Lease Name: Well #:					
New Well Re-Entry Workover	Field Name:					
	Producing Formation:					
	Elevation: Ground: Kelly Bushing:					
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:					
OG GSW Temp. Abd. 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 ENHR Conv. to SWD	Drilling Fluid Management Plan					
Plug Back 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 #: SWD Permit #:						
	Location of fluid disposal if hauled offsite:					
ENHR     Permit #:       GSW     Permit #:	Operator Name:					
	Lease Name: License #:					
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West					
Recompletion Date or Date Reached TD Completion Date or 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							
Geologist Report Received							
UIC Distribution							
ALT I II III Approved by: Date:							

	Page Two	1091327		
Operator Name:	Lease Name:	Well #:		
Sec TwpS. R East _ West	County:			
INCTRUCTIONS, Chow important tang of formations papatrated	Datail all cores Report all final	copies of drill stome tasts giving interval tasted, time tool		

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 (Attach Additional She	eets)	Yes No Log Formation (Top		n (Top), Depth and	(Top), Depth and Datum		
Samples Sent to Geological Survey		Yes No	Nam	e	Тор		Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne		on, 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 / SQU	JEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing							
Plug Off Zone							
Did you perform a hydraulic	fracturing treatment of	on this well?		Yes	No (If No, skip	o questions 2 an	d 3)
Does the volume of the tota	0		ceed 350,000 gallons			question 3)	,

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?

103	
Yes	No
Yes	No

(If No, fill out Page Three of the ACO-1)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated						ement Squeeze Record I of Material Used)	Depth		
TUBING RECORD:	NG RECORD: Size: Set At: Packer At:			Liner F	lun:	No				
Date of First, Resumed	Producti	on, SWD or ENHF	<b>}</b> .	Producing Me	ethod:	oing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	DISPOSITION OF GAS: METHOD OF COMPLET						PRODUCTION INTER	R\/Δ1 ·		
	nted Sold Used on Lease Open Hole Perf. Dually			Comp.	Commingled					
(If vented, Su	bmit ACO	-18.)		Other (Specify)		(Submit )		(Submit ACO-4)		

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion				
Operator	Vincent Oil Corporation				
Well Name	Imel 2-31				
Doc ID	1091327				

All Electric Logs Run

Dual Induction
Density - Neutron
Micro-log
Sonic

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Imel 2-31
Doc ID	1091327

### Tops

Name	Тор	Datum	
Heebner Shale	4359	(-1840)	
Brown Limestone	4507	(-1988)	
Lansing	4516	(-1997)	
Stark Shale	4874	(-2355)	
Pawnee	5074	(-2555)	
Cherokee Shale	5120	(-2601)	
Base Penn Limestone	5228	(-2709)	
Mississippian	5307	(-2788)	
RTD	5420	(-2901)	

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

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

5479

Sec.	Twp. Range		County	State	On Location	Finish	
Date 4-25-12 31	28 22	F	ord	KS		18 Dom	
Lease Imel V	Vell No. 2-31	Locati	on Kinasi	Jun 3 1 13	12 00 11.20	- in opini	
Contractor Duke the	1		Owner				
Type Job Surface			To Quality W	ell Service, Inc. by requested to rent	comonting on time of	the second discussion in	
Hole Size 121/4	T.D. 1056		cementer an	d helper to assist own	ner or contractor to d	o work as listed.	
Csg. 8 5/8	Depth (6.5 (6		Charge To	arent			
Tbg. Size	Depth		Street				
Tool	Depth		City		State		
Cement Left in Csg.	Shoe Joint		The above wa	s done to satisfaction ar		agent or contractor.	
Meas Line	Displace				1-1-14	6 ac 1 3% loce	
EQUIP			14# F10	100 st com	39666294 cel	142510	
Pumptrk No.	Houdin		Common 2	40			
Bulktrk No.	Dar d		Poz. Mix	20			
Bulktrk No.	mill		Gel. 14				
Pickup No.			Calcium /	2			
JOB SERVICES	& REMARKS		Hulls				
Rat Hole			Salt				
Mouse Hole			Flowseal 82.5				
Centralizers			Kol-Seal				
Baskets			Mud CLR 48				
D/V or Port Collar			CFL-117 or	CD110 CAF 38			
Rapitits of 8%	casing and		Sand				
Landing 1t	1		Handling 3	56			
)			Mileage 5				
				FLOAT EQUIPME	INT		
Est Circulation w	ith mud a	mo	Guide Shoe				
	1	1	Centralizer				
Miked 2305x 65/35	- und tailed ,	in -	Baskets				
LO. IL 100 shoom - Sto	us down reli	eased	AFU Inserts				
plug and disputh	39.06 hbl M	20	Float Shoe				
Plud landed in 5000	S.		Latch Down				
3			1848 Weden Phil				
Cement	did Circula	te	1878 Balle Plate				
			Pumptrk Cha	rge Suface			
The	nk You		Mileage 50				
					Tax		
× and April					Discount		
X Signature					Total Charge		
						Taylor Printing, Inc.	

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

Home Office 324 Simpson St., Pratt, KS 67124

#### Heath's Cell 620-727-3410 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 5-4-12	31	28	22	Fo	rd	Ks		2:00am		
Lease Imel Well No. 2-31 Locati					on Kingsdown 2N 34W Ninto					
Contractor Duke	2			_	Owner					
Type Job Rotary Plug					To Quality We You are here	ell Service, Inc. by requested to rent	cementing equipmer	t and furnish		
Hole Size		T.D.			cementer an	d helper to assist ow	ner or contractor to d	o work as listed.		
Csg.		Depth			Charge Vi	ncent 0,1 Cc	N(P			
Tbg. Size		Depth			Street		•			
Tool		Depth			City		State			
Cement Left in Csg.		Shoe J	pint		The above wa	s done to satisfaction ar	nd supervision of owner	agent or contractor.		
Meas Line		Displac	e		Cement Amo	ount Ordered 170	5× 60/40 4	1/2 Gel		
		PMENT					1			
Pumptrk 8 No.	Hear				Common //	0				
Bulktrk 9 No.	Dovi	>			Poz. Mix 6	0				
Bulktrk No.					Gel. 6					
Pickup No				_	Calcium					
JO	B SERVICE	S & REMA	RKS		Hulls					
Rat Hole 30 sx				-	Salt					
Mouse Hole 2054					Flowseal	Flowseal				
Centralizers					Kol-Seal					
Baskets					Mud CLR 48					
D/V or Port Collar					CFL-117 or	CD110 CAF 38				
			11		Sand					
1 st pumped 1	505× 60	140 4	16 Gel D		Handling /	76				
1560					Mileage 50	0				
4						FLOAT EQUIPMI	ENT			
2nd oursped 4	503× 60	140 4	% Gol @		Guide Shoe					
690					Centralizer					
					Baskets					
3rd pumped	20 Sx (	0140	4% Gel @		AFU Inserts					
.40 <sup>1</sup>					Float Shoe					
					Latch Down					
Bathde 305x 60/40 4% Gel								· · · · · · · · · · · · · · · · · · ·		
Mousehole 205× 60/40 4% Gel					Pumptrk Cha	rge Ratary Plu	0			
					Pumptrk Charge Rotary Plug Mileage 50					
							Tax	ALC:		
					4 181		Discount			
X Signature Mik, d	andhey			15			Total Charge			
- and the party of	pupul					2	9-	Taylor Printing, Inc.		

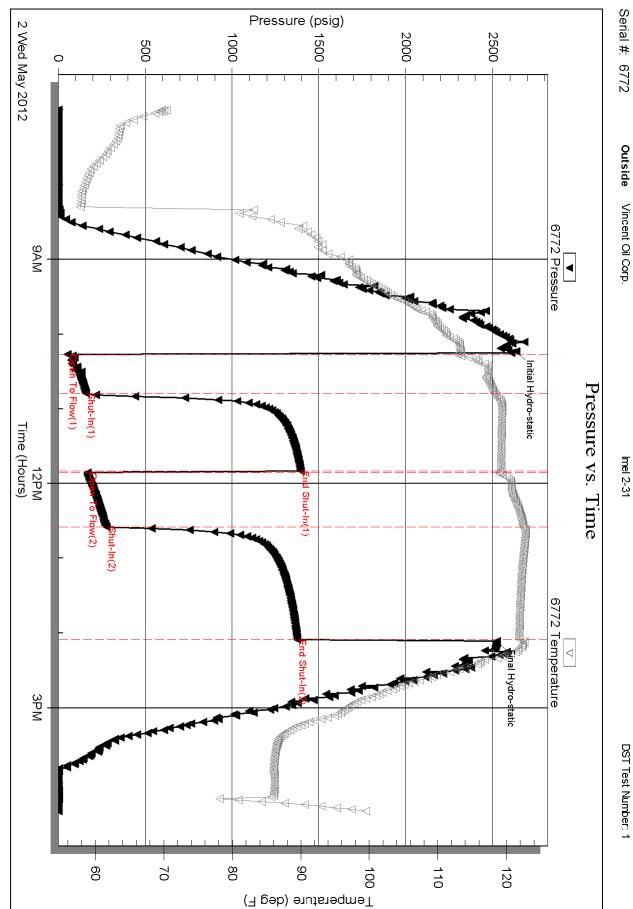
(Ob)		DRILL STEM T	ES	TREPO	ORT					
	RILOBITE	Vincent Oil Corp.			31/28/22					
		155 N Market Wichita Ks. 67202			Ime	el 2-31				
					Job	Ticket: 41	269	DST	#:1	
		ATTN: Ken Wallace			Test	Start: 20	)12.05.(	02 @ 07:00:0	0	
GENERAL I	NFORMATION:									
Formation: Deviated: Time Tool Open Time Test Ende		ft (KB)			Test Test Unit	ter: I		tional Bottom Davidson	Hole (Initial)	
<b>Interval:</b> Total Depth: Hole Diameter:	<b>5213.00 ft (KB) To 52</b> 5267.00 ft (KB) (T\ 7.88 inchesHole	(D)			Refe	erence Ele KB t	evations o GR/C	2507.	00 ft (KB) 00 ft (CF) 00 ft	
Serial #: 67 Press@RunDep Start Date: Start Time: TEST COMM	oth: 278.77 psig 2012.05.02 07:00:05	End Date: End Time: OB 7min.		2012.05.02 16:22:45	Capacity: Last Calik Time On I Time Off	o.: Btm: 2		8000. 2012.05. 5.02 @ 10:13: 5.02 @ 14:06:	45	
	ISI- No blow bac FF- Good blow I FSI- 1" into buck Pressure vs. T	3OB 8min. et			PE			MMARY		
Ē	6772 Pressure	6772 Temperature		Time	Pressure	Temp		otation		
2500		Lizel Hydros zóc	- 120	(Min.) 0	(psig) 2635.12	(deg F) 113.31	Initial I	-lydro-static		
			- 110	3	52.96	112.80		To Flow (1)		
2000			- 100	34 97	158.90 1392.87	118.21		n(1) hut-ln(1)		
(6) (5) (2) (3) (4) (5) (5) (5) (5) (5) (5) (5) (5) (5) (5			Temp	97 98	169.40			To Flow (2)		
ල 1600 ව 1600 ම - ව ව ව ව ද ද ද ද ද ද ද ද ද ද ද ද ද ද ද		10 10 10 10 10 10 10 10 10 10 10 10 10 1	erature (o	142	278.77	122.47				
			- 80 - 80	232 233	1373.70 2524.58	121.84 122.58		hut-ln(2) Iydro-static		
0 4 2 Wed May 2012	9AM 12PM Time (Hours)	ЗРМ								
Recovery				Gas Rates						
Length (ft)					Choke (inches) Pressure (psig) Gas Rate (Mct/d)					
464.00	trace gas 15%mud 15%v		4							
186.00	trace of gas and mud 5%	oil 95%w ater 2.61	+							
			+							
			1							
			1							
·	ting Inc	Ref. No: 41269	·					5 03 @ 08·08		

RILOB		DRILL STEM TEST REPORT					
	Vince	nt Oil Corp.	31/28/22				
EST	TING , INC. 155 N	155 N Market Wichita Ks. 67202		1			
			Imel 2-3 <sup>4</sup> Job Ticket:		ST#: 1		
	ATTN	: Ken Wallace	Test Start:	2012.05.02 @ 07:00	:00		
17 m - 14							
Mud and Cushion Inf	ormation						
Mud Type: Gel Chem		Cushion Type:	£1.	Oil API:	deg API		
Aud Weight: 9.00   /iscosity: 57.00 s		Cushion Length: Cushion Volume:	ft bbl	Water Salinity:	ppm		
Vater Loss: 8.37 i		Gas Cushion Type:	551				
	ohm.m	Gas Cushion Pressure:	psig				
Salinity: 5800.00	ppm		1 0				
ïlter Cake:	inches						
Recovery Information	า						
		Recovery Table		_			
	Length ft	Description	Volume bbl				
	464.00	trace gas 15%mud 15%w ater 70% oil	6.5	09			
	186.00	trace of gas and mud 5%oil 95%w ater	2.6				
То	otal Length: 65	0.00 ft Total Volume: 9.118 b	bl				
	um Fluid Samples: 0	Num Gas Bombs: 0	Serial	<i>#</i> .			
	aboratory Name:	Laboratory Location:	Senai	#.			

Printed: 2012.05.03 @ 08:08:16

Ref. No: 41269

Trilobite Testing, Inc



DST Test Number: 1

RTO SAMPLES SAMPLES NUC N SPUD DRILLING TIME KEPT FROM SEC 1 SEOLOGIST ON WELL SEOLOGICAL SUPERVISION CONTRACTOR COUNTY COMPANY EASE Morrow So OCATION ED FORMATION TOPS eebner sh herokee 5 Ŀ 5420 4/24/12 SAVED 3800' EXAM I NED S Ford 4) [2] Vincent Oil Co Imel #2-31 340' Unke FROM aSh B FROM 552 DRILLING CON P 5420 4874 5307(-2788 2223 2215 4217 202 TYPE 585 Drilling STATE \$ 575' EWL 62 5en 00 FROM 4800' -2003 2294 3961-) -2555 5322-MUD <u>Chem</u> 5/3/12 01581 4250' 5420 4200' (b., . RGE 4250' Wallace, PG 3 5720 5314(-2255 2605 43.59( AND 5420 \$ 725 4516 4874 4506 Mac Ø 22 SAMPLES  $\mathbb{O}$ SAMPLE -2749 - 2601 Z 0681-) (-2533 -2355 - 1997 1 1987 ET) PROPULT LOG Tron\_ 5 റ്റ ç  $\overline{\bigcirc}$ PRODUCTION Measurements  $\overline{\bigcirc}$  $\overline{\circ}$  $\widehat{\omega}$ NOWPE, DI SAM ELECTRICAL SURVEYS O H H **ELEVATIONS** RTD RTD 2507' RTN RTD ,6152 **大%** D 625 Ъ С 200 REMARKS reference wells. 15T#1 recovered oil & wfr Wen ran low to Chin-commercial). 7505 abandoned. Plagged and Wallace EGEND 13 11 13 13 11 13 sana Di Caraptanas Cara  $\mathcal{E}_{h}$ 8 A 8 B A 13 23 Anhydrita Salt Sandstone Shele Carb sh Limestone Ool.Lima Cherk Dolomito 22 SCALE 100' And the second s L'Enders DRULING TIME - Minutes Per Foot Rata of Penetration Decraces 7703 800 80 DEFTH SAMPLE DESCRIPTIONS REMARKS 9 4250 s, gy-buff, fussild, sm fnsuerosic, vc A 60' 3 MBC Well Logying (Gas Detector) Onsite a 4200-RTD 30 2 service calls AA, wy gy, ang I Lms BO con 42.84 Approx 4940'-Chromatograph charf Would not saro. Re-jonoid and calib chromatog. Bumptest. 5.5 AD, foss 4300 5229'- chromatog not working; recalls COA 9315 Hotwise fixed chrometus bump test, sensatity 20 sh, black of Hot wire set too low. Ls, tan-buff, sucresic, sun glanco Apprx soso' gas 40 detector depth 2 to Con 4347' Ls, tan, slool, foss, son Xbn, medgy Ls 8' deeper than rig depth. Heebner Sh 60 Sh, black 101 15,94,001 con 4379' Ls, who buff, oo), gd Ppt \$, SI foss 80 AA 4400 Con 4410 sh, gy, sm blandred 20 Ls, tan-brinn, xln, foss, sl glanco con 4942 40 sh, gy, son red Ls, brown, xln-sleky, foss 60 Con 4473 sh, vc (gy, red) son sist 80 Vis 50 wt. 9.2 4500 LS, brun, xm-sleky, Brown Lm Con 4505' 4506 Ls, wh-buff, usl, sldey, sm sl sycrosic 20 con 4537 Ls, tan, x/n-sk cky, 40 60 Ls, tan, sm brunn, con 4568 51 001 80 Ls, tan, crs xln-sl cky, slool con 4600 4600 Add premix AA, SI foss Ls, gy-ton, dse-cty 20 Con 4631 AA, Slool, SI foss via 57 wt 9.2 40 COA 4662 60 LS, bern, foss, ao/(sm) 80 LS, Wh-ton, eky con 4694 4700' Add premie Sh, black Ls, 1+gy, sm tan, ool 20 (on 4726 15, wh-buff, 001, 51 40 COM4756 LS, H brown-tan, ool sl foss, frug \$ppt \$ 60 80 LS, ton, slool, cky CPN 4788' 4800 LS, AA Con 4018 Ls, Sown, 001, foss, 00-0 51 Aty 20 40 Con 4850 AAW Black D 60 stark Sh 4874 sh, black Con 4881 80 Ls, fan-dse-cky Vis 49 wf 9.4 55 unit sh gas kick (4092 - 95") 4900' LS, brwn, ool, slaky Hnsh 25 unit sh gas kide (4907-117) 4912 Con 4913 Sh, black 20 15, gy, sea brun, cley 70' unit sh gas kide (4937- 40') 40 Con 49944 4.940' Gas Detect Ls, Itsy, dse-cky, sm brwn Ls 6 unit gas kick (arry) (4066-4071') 60 AA, 5/00/ \$ 5/ Aty BKC con 4976 4972 80 56, 99, red VIS 45 Wf 9.3 LS, tan, 5/001 Mm 5h, dkgy, san black, san 4998' Add premix 5000 Con 500B Ls, gy evl, son buff, sty 20 AA Sh black, sm dkgy CONSD39 40 LS, tan-buff, cky AA, SI Aty 60 Pawnee 5072/ Con 50 71 sh,gy Ls, tan, dse, pt/4001, Dty vis 47 wt 8.4 80 Add pre mine 5092'45"- AA, 5Mgy-tan, 1se 15 wy UCA, NS 60" AA, move 001 15 60 short thip 30' stands 25092 Labethe sh 0 5098 Sh, black 5100' con 5/03 1.5, tan, crs xln, son tan-brwn, slool, sl foss cherokeesh sizo' 6 unit shoos kick (5118 - 20') 20 sh, 6 Jack LS, qu, dse-cky, son brain, slool, sl aty con 5135' 40 AA. 10 unit shoas kick (5144-48') 10 LS, tan, ool, S/ Sucresic, 60 C815/67 AR, Bty 80 Ls, gy-smtan, slool, slfoss, Aty 10 Consigs' 5200 Roduced pupp 5210"- 45" Ls, tan, gey, # to 900# oul, s1 foss, sin gey ool 0.1 CF5.90 0 60 \$ 90" AA 10 20 5229' Gas Det Vis 57 wt 9.3 'Al sh, gy service call ss, wh-gy, mod-cse graf, (chromato not working) poor sorted, well rad, 1 pe dead sta (recalib Hot sh, 94 con5229 ' 語家の ā's 40 VC A, VC Sh, pyriteinclusions withe-less in A VIS 54 WAF 9.3 AA-5261 CPS Con 5260 mr Sand CFS 90 52.67 CFS-60" SS, Wh, med gred, poor-fr sorted well Trad glanco, FSF0 by break Mostly barren, liveoil floating in tray, slodor on break. 60 lunit gas kick 52631 ŊD VC D, occassional sand grains, NS CON 5292 Vis 59 WH 9.3 \$300' 3 AA, Ipc ss wy black cement, poorly corted, sm glanco, NS repair Nir line 345 Miss -Ø Â 5314 Dol, 1+qy, fuly sucrosic, Nodor, NS 20 Con 5323 Dol, buff-fan, sucrosic (croser than above), fpptø No odor, NS 40 AA con 5355 Dol, tan, sucrosie, sm gluco, slool, A (wh, black) vis 62 wt 22 60 AA-vy sty, slool DST#1 6213-5267 30-60-45-90 80 IF - BOB 7" CON 5387 ISI-No blowback FF - BOB 8" AA, aled wh, A FSI- 1" Blowback Rec. 464' FI (70%0) 5400' 15%0W, 15%m) 186'FL (5% 0, 95% W) TFM) A A CFS 5428' 60-90" CES 90" IF 53 FF 1694 159 7 279 Con 5418' AA 1/10 20 ISIP 1393# PSIP 1374 #



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

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

August 21, 2012

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

Re: ACO1 API 15-057-20798-00-00 Imel 2-31 SW/4 Sec.31-28S-22W 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