# CONFIDENTIAL

### KANSAS CORPORATION COMMISSION

### OIL & GAS CONSERVATION DIVISION

### **WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE**

ORIGI	NAL
	Form ACO-1
	September 1999
	Form Must Be Typed

Operator: License #	API No. 15 - 163-23811-00-00
Name: Vess Oil Corporation	County: Rooks
Address: 1700 Waterfront Parkway, Bldg. 500	SW - NE - SW - SW Sec. 24 Twp. 10 S. R. 20 ☐ East  West
City/State/Zip: Wichita, KS 67206	710 feet from S/ N (circle one) Line of Section
Purchaser:	910 feet from E / (circle one) Line of Section
Operator Contact Person: W.R. Horigan	Footages Calculated from Nearest Outside Section Corner:
Phone: (_316) _682-1537 X103	(circle one) NE SE NW STO
Contractor: Name: L. D. Drilling, Inc.	Lease Name: Tomcat C Well #: #1
License: 6039 COMPUNIATION)	Field Name: Marcotte
Wellsite Geologist: Roger Martin	Producing Formation:
Designate Type of Completion:	Elevation: Ground: 2173 Kelly Bushing: 2178
New Well Re-Entry Workover	Total Depth: 3770 Plug Back Total Depth:
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 222 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Ory Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
if Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tow/sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan PANJ 1-2570 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 3100 ppm Fluid volume 400 bbls
Plug BackPlug Back Total Depth	Dewatering method used evaporation
Commingled Docket No.	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
8/30/09 9/7/09 P.1.A 9/17/09	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec. Twp. S. R. East West
Recompletion Date Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with t Kansas 67202, within 120 days of the spud date, recompletion, workover Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. I months if requested in writing and submitted with the form (see rule 82-3-100 geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge.	e the oil and gas industry have been fully complied with and the statements
Signature:	KCC Office Use ONLY
Title: Operations Engineer Date: 12/17/09	Letter of Confidentiality Attached
1-176	
Subscribed and sworn to before me this	, Wireline Log Received
20_09 /- 0./	Geologist Report Received
Notary Public: When Menn	
)	UIC Distribution RECEIVED
Date Commission Expires:	DEC 2 1 2009
MICHELLE D. HENNING I	
My Appl. Exp. 7/10/13	KCC WICHITA
MIN NAME EXP.	

#### Side Two

Operator Name: Vess	oil Corporation	ו		Lease	Name:	Tomcat C		Well #: #1		
Sec Twp			✓ West	County	: Rooks					······
INSTRUCTIONS: Sho tested, time tool open temperature, fluid reco Electric Wireline Logs	and closed, flowing overy, and flow rate	g and shut-ins if gas to s	n pressures, urface test, a	whether sh llong with fi	ut-in pre	essure reache	ed static level, hydr	ostatic pressu	res, bottom	hole
Drill Stem Tests Taken (Attach Additional S		✓ Yes	s No			og Form	ation (Top), Depth	and Datum	<b></b> ✓ Sa	ample
Samples Sent to Geoi	ogical Survey	✓ Yes	i □ No		Nam	е		Тор	Da	atum
Cores Taken Electric Log Run (Submit Copy)		☐ Yes	_		see	attached				
List All E. Logs Run:		()(O)() ()(O)()	50 25 2 60 25 2	067 m						
			CASING	RECORD	✓ Ne	_				
	Size Hole			conductor, sur Weig		ermediate, prod Setting	uction, etc.  Type of	# Sacjs	Tyne an	d Percent
Purpose of String	Drilled	Size Casing Set (In O.D.)		Lbs. /		Depth	Cement	Used		ditives
surface	12-1/4"	8-5/8"		24#		222'	common	160	2% gel	, 3% cc
					naf ar->					
		<u></u>	ADDITIONAL	. CEMENTIN	IG / SQI	JEEZE RECO	RD			
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Туре о	f Cement	#Sacks	Used		Type and	Percent Additive	s	
Shots Per Foot			- Bridge Pług ch Interval Per				Fracture, Shot, Cemer (Amount and Kind of M		ord	Depth
TURNO DESCRE	Cina					Line				
TUBING RECORD	Size	Set At		Packer Al	Ţ	Liner Run	Yes No	·		
Date of First, Resumerd	Production, SWD or 8	Enhr.	Producing Met	hod	Flowin	g Pun	nping Gas L	ift Oth	ner (Explain)	
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat			Gas-Oil Ratio		Gravity
Disposition of Gas	METHOD OF	COMPLETION				Production In			RECEIV	ED
Vented Sold (If vented, Sub	Used on Lease omit ACO-18.)	[	Open Hole Other (Spec	Perf.		Dually Comp.	Commingled		RECEIV EC 2 1	2009

KCC WICHITA

#### **ATTACHMENT TO ACO-1**

Tomcat C #1 SW NE SW SW Sec. 24-10S-20W Rooks County, KS

SAMPLE TOPS	TOMCAT C 1	
ANHYDRITE	1604 (+574)	
BASE ANH	1644 (+534)	
TOPEKA	3190 (-1012)	
HEEBNER	3398 (-1220)	
TORONTO	3423 (-1245)	
LANSING	3437 (-1259)	TO THE ENTIAL.
MUNCIE CRK	3556 (-1378)	
BKC	3642 (-1464)	0HC 1 6 2003
ARBUCKLE	3740 (-1562)	
RTD	3770 (-1592)	10 mg 1 mg

**DST #1** 3459-3506 **Zone: Lans** 

Times: 30-45-45-60

1<sup>st</sup> open: Strong – 9"; No BB 2<sup>nd</sup> open: Good – 5"; No BB

Rec.: 10' FO (5% gas, 95% oil) 37 grav - 60F; 15' HVYOCM (40%oil, 60% mud);

125' VSLO&MCW (1%oil, 5% mud, 94% Wtr) CL - 30,000 ppm; TF - 150'. Tool Sample - 2% oil, 25% mud, 73% wtr - Cl - 28,000. Tool slid 10 ft to

bottom on initial opening.

IHP: 1672 FHP: 1656 IFP: 46-72 FFP: 76-101

ISIP: 790 FSIP: 760 TEMP: 111F

**DST #2** 3551 - 3650 **Zone: LKC – G' - L** 

Times: 30-45-45-60

1<sup>st</sup> open: Strong blow BB in 28 min. No Blow back

2<sup>nd</sup> open: " 44 min. "

Rec.: 150' WCM (15% Wtr, 85% Mud); 130' SMCW (95% Wtr, 5% Mud).

CI - 52,000 ppm. Tool Sample - 5% mus, 95% Wtr.

IHP: 1696 FHP: 1685 IFP: 32 - 86 FFP: 88 - 160

ISIP: 882 FSIP: 868 TEMP: 111F

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**DST #3** 3658 - 3744 **Zone: Top of Arbuckle – 4' pen** 

Times: 30-45-45-60

Weak – dead in 20 min; No BB

2<sup>nd</sup> open: No blow

1<sup>st</sup> open:

Rec.: 8' VSWCM (1% Wtr; 99% Mud)) CL - 2900; Tool Sample - same

IHP: 1773 FHP: 1752 IFP: 32 - 34 FFP: 33 - 36

ISIP: 136 FSIP: 103 TEMP: 111F

**DST #4** 3659 - 3749 **Zone: Arbuckle – 9' pen** 

Times: 30-45-45-60

1<sup>st</sup> open: <sup>3</sup>/<sub>4</sub>" blow; dead in 28 min

2<sup>nd</sup> open: No blow

Rec.: 11' Mud (1%Wtr; 99% Mud). CI - 3000 ppm; Tool Sample - same

IHP: 1805 FHP: 1773 IFP: 33 - 35 FFP: 34 - 38

ISIP: 232 FSIP: 243 TEMP: 056 FIDENTIAL

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**DST #5** 3744 - 3755 **Zone: Arbuckle – 15' pen** 

Times: 30-45-45-60

1<sup>st</sup> open: Weak (½" decreasing to surface blow)

2<sup>nd</sup> open: Weak (1/4" starting in 20 min into blow, ~ dead by end)

Rec.: 40' Oil Spotted MW (55%Wtr; 45% Mud). CI – 18,000 ppm;

Tool Sample - 60% Wtr, 40% Mud

IHP: 1813 FHP: 1756 FFP: 36 - 45

ISIP: 1156 FSIP: 1150 TEMP: 112F

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## ALLIED CEMENTING CO., INC. 20122

SERVICE POINT: P.O. BOX 31 RUSSELL, KANSAS 67665 KLISSTIL TWP. RANGE CALLED OUT ON LOCATION JOB START JOB FINISH 2:30p.n 300pm 70 COUNTY SOUKS LEASE M CAT C WELL# 1 LOCATION Sutor School 1/25 Finto OLD OR NEW (Circle one) **OWNER** TYPE OF JOB whary Plua **CEMENT HOLE SIZE** T.D. マンフロ AMOUNT ORDERED 330 Mile Will he C **CASING SIZE** DEPTH **TUBING SIZE DEPTH** DRILL PIPE 4/2 X-H DEPTH :3720 **DEPTH** PRES. MAX @ 13,50 1863.00 **MINIMUM** COMMON @ 7.55 694.60 MEAS. LINE **POZMIX** CEMENT LEFT IN CSG. PERFS. **CHLORIDE** DISPLACEMENT Flo seal 581BS **EQUIPMENT** CEMENTER \_\_\_\_\_ **PUMP TRUCK** 417 HELPER MATT **BULK TRUCK** 481 DRIVER With **BULK TRUCK** DRIVER HANDLING MILEAGE \_\_\_\_\_\_\_ !o/5K/mile TOTAL 4,111,20 **REMARKS:** 2551 1620 255K **SERVICE** 900 275 40 SK **DEPTH OF JOB** 40 PUMP TRUCK CHARGE EXTRA FOOTAGE @ 7,00 MILEAGE CHARGE TO: 11055 ON TOTAL 1,200.2 STREET \_\_\_\_ PLUG & FLOAT EQUIPMENT @ @ To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was TOTAL \_ done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side. TOTAL CHARGE \_ — IF PAID IN 30 DAYS DISCOUNT -

BULL

SIGNATURE Bill Owen

### ALLIEU CEIVIEIN I IING CO., LLC. U3/552

" .A TO P.O. BOX 31 RUSSELL, KANSAS 67665	A STATE OF THE STA	SERVICE POINT:
DATE 8-30-09 SEC. TWP. RANGE C	CALLED OUT ON LOCAT	ION JOB START JOB FINISH
	SCHOOL 125 3E	COUNTY STATE
OLD OR NEW Circle one)	SCHOOL 125 SE	NOONS I NOONS
CONTRACTOR L-D DRLG. Rig#/	OWNER	
TYPE OF JOB SURFACE HOLE SIZE 12 14 T.D. 224	CEMENT AMOUNT ORDERED	ho sxCom
CASING SIZE 85/8 Neω DEPTH 223' TUBING SIZE 34 # DEPTH	2% C	
DRILL PIPE DEPTH	3%	7 (
TOOL DEPTH	COMMON /60	@ 13,50 2/60,00
PRES. MAX MINIMUM MEAS. LINE SHOE JOINT	COMMON/ <u>6</u> O POZMIX	@
CEMENT LEFT IN CSG. /S '	GEL Z	@ 70.21 60,75
PERFS.	CHLORIDE	@ 5/,50 257,50
DISPLACEMENT /3 4/83L	ASC	@ @
EQUIPMENT ( 2000)		
EQUIPMENT CEC 1.0 2009		@
PUMPTRUCK CEMENTER OFFICE		@
# 398 HELPER		
BULK TRUCK # 345 DRIVER ALVIN GB.		@
BULK TRUCK		
# DRIVER	HANDLING 166	@ 2.25 360,00
	. 1.1/	1/2 480,00
REMARKS:	·	TOTAL 3318, 25
	S	ERVICE
ement (RCalATED	DEPTH OF JOB	
	PUMP TRUCK CHARGE	
	EXTRA FOOTAGE	
	MILEAGE 30	
-THANKS	MANIFOLD	@
į		
CHARGE TO: Vess Dil Corp.		
CHARGE IO. VESS OIL CONT		TOTAL _/20/ 00
STREET	·	
CITYSTATEZIP	DI IIC & F	FLOAT EQUIPMENT
		Plug N-c
	& 28 MODEN	1109 · · · · · · · · · · · · · · · · · · ·
·		
T. Alliad Companying Co. LLC		@
To Allied Cementing Co., LLC.  You are hereby requested to rent cementing equipment		
and furnish cementer and helper(s) to assist owner or	<del></del>	@
contractor to do work as is listed. The above work was		TOTAL
done to satisfaction and supervision of owner agent or		TOTAL
contractor. I have read and understand the "GENERAL	SALES TAX (If Any)	
TERMS AND CONDITIONS" listed on the reverse side	•	
$\rho$	TOTAL CHARGES	
PRINTED NAME SILL OWEN	_ DISCOUNT	IF PAID IN 30 DAYS
SIGNATURE 13ill Owen	-	