KOLAR Document ID: 1704600

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:	SecTwpS. R □East □ West
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 #	ar o coodion. Edi.
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:
	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? Yes No
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☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Produ	
rag back binci conv. to dow conv. to reach	
Commingled Permit #:	
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
	Quarter Sec Twp S. R
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	Quarter Sec IwpS. R East west Countv: 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: 1704600

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 Taken Yes No (Attach Additional Sheets)				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	ad Paraant Additivas	
Perforate Protect Ca Plug Back	Top	Bottom	туре	e of Cement # Sacks Used		ed Type and 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 Production/Injection or Resumed Production/ Producing Method: Injection:										
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	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:
Vented	Sold Use	d on Lease		Open Hole		Dually		nmingled	Тор	Bottom
(If vented, Submit ACO-18.) (Submit ACO-5) (Submit ACO-4)										
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type	Bridge Plug Set At		Acid,		Cementing Squeeze Kind of Material Used)	Record
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion		
Operator	Vess Oil Corporation		
Well Name	RAMSEY 9		
Doc ID	1704600		

Tops

Name	Тор	Datum
Admire	738	+688
White Cloud LS	998	+428
White Cloud SS	1005	+421
Oread	1471	-45
Heebner	1510	-84
Douglas SH	1538	-112
Douglas SD	1578	-152
Lansing	1784	-358
Kansas City	2056	-630
Ardmore	2481	-1055
Viola Chert	2501	-1075
Viola	2508	-1082
RTD	2519	-1093

Form	ACO1 - Well Completion		
Operator	Vess Oil Corporation		
Well Name	RAMSEY 9		
Doc ID	1704600		

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	252	Class H	230	3% cc, 2% gel, 1# phenoseal
Production	7.875	5.5	15.5	2508	Class H		3% cc, 2% gel, 1# phenoseal

ROGER L. MARTIN INDEPENDENT PETROLEUM GEOLOGIST 316-250-6970 **GEOLOGIST'S REPORT** DRILLING TIME AND SAMPLE LOG **VESS OIL CORPORATION ELEVATIONS COMPANY** RAMSEY #9 KB 1426' GL 1417' **LEASE EL DORADO FIELD Measurements Are All** KB From 1420' FSL & 1650' FEL **LOCATION** $\frac{6}{}$ TOWNSHIP $\frac{25S}{}$ RANGE 15-015-24170-0000 06E API# **SECTION BUTLER KANSAS COUNTY** _ STATE **C&G DRILLING, RIG #3 CONTRACTOR CASING** SURFACE 6 jts 8 5/8" 23#/ft LS 10/29/2022 11/04/2022 **COMP SPUD** set @ 252' w/290 sx 2516' **2519' (Cased Hole)** LTD RTD PRODUCTION 59 jts 5 1/2" 15.5#/ft set **ELECTRICAL SURVEYS** @ 2509' w/ 215 sx H854 No Open Hole E-logs EXCEL WL: Cased Hole Gamma Ray/Neutron **FORMATION TOPS** LOG **SAMPLES CHRONOLOGY** ADMIRE 738' (+688) 738' (+688) 10/29/2022- MIRU C&G Rig #3. SPUD 12 1/4" hole. DTD 267' @ set 8 5/8" WHITE CLOUD LS 23# surface casing @ 252'. 998' (+428) 1005' (+421) 998' (+428) 1007' (+419) WHITE CLOUD SS 10/30/2022- WOC @ 267' @ 7 AM 1471' (-45) 1468' (-42) OREAD 10/31/2022- Drilling @ 1342' @ 7 AM. HEEBNER 1510' (-84) 1510' (-84) 11/01/2022- Drilling @ 2141' @ 7AM. DOUGLAS SH 1538' (-112) 1538' (-112) 1580' (-154) 11/02/2022- TOOH with drillstring @ 7 AM. Run DST #1. Run DST #2. (tool not DOUGLAS SD 1578' (-152) opening and closing correctly) LANSING 1784' (-358) 1783' (-357) KANSAS CITY 2055' (-629) 2056' (-630) 11/03/2022- Run DST #3 @ 7 AM. Run ARDMORE 2478' (-1052) 5 1/2" production casing set @ 2508'. 2481' (-1055) Eros VIOLA CHERT 2498' (-1072) 11/04/2022- MIRU HSI @ 7 AM. Release VIOLA 2508' (-1082) 2506' (-1080) C&G Rig #3 @ 1PM 11/04/2022. RTD 2519' (-1093) 2516' (-1090) **REMARKS:** Cased hole E-log tops by P. Ramondetta, Geologist, VOC $Ran\ 59\ jts\ of\ 5\ 1/2"\ 17\#/ft\ LS\ production\ casing\ +\ packer\ shoe.\ Hurricane\ Services\ to\ cement,\ Ticket\ \#\ EP6515:$ $\label{eq:Rigged} \textbf{Rigged up to 5 1/2" casing, started casing in the hole, circulated 1hr TCH, dropped trip ball,}$ Rig pumped ball to set packer, packer set @ 500 psi, Circ 30 min, mixed and pmped 50 sks H854 w/ 1# PhenoSeal/ sk to plug RH & MH, mixed & pumped 500 gal mud flush followed by 10 bbl fresh water, mixed and pumped 165 sks H 854 cement w/ 1# PhenoSeal/ sk, released latch down plg and flushed pump clean. Pumped latch down plug to baffle w/ 58.79 bbl fresh water, pressure increased, slowed pump rate, plug down, pressured to $1700~\mathrm{psi}$, well held pressure, $released\ pressure\ to\ set\ float\ valve,\ float\ held.$ Centralizers on #2, #8, #10, #15, #24, #27, basket on #11 Respectfully submitted, Roger L. Martin, Geologist (wellsite) SAMPLE DESCRIPTION TGV (5000u) 100 500 SH: Pred gy-blk. **KELLY DOWN sm LS: cm-tn, Rr fos Wkst-Pkst w/ Trc FLR. SAMPLES** LS: cm-gy, Mdst & ux, sm argil & calc lmy SH, VPr- NV Poro, 550 SH: gy-blk. LS: cm-tn-gy, motl'd, fos- Wkst- Pkst & ux- fnxln w/ NSO, sm argil-shly. SH: lt-dk gy & gn, sm pyrte, sm silts- micae. 600 10 LS: tn-gy-bn, dn- ux- Vfnxln & sm Sl fos Wkst, Pr- NV Poro, NS. 650 10 LS: It gy- silty, argil & dn, VPr- NV Poro. & SH: gy- blk & cale- lmy Silts. SILTS: gy & gn-gy, calc lmy, Sl pyrte & argil silty LS w/ VPr- $\rm NV$ Poro. NS. 700 LS: cm-bf-gy, ux- fnx, sm silty- argil, VPr- NV Poro, NSO. -CFS-15" 738' (+688) **{ADMIRE}** SILTS: It gy, gn-gy, micae, Tre sndy. **ADMIRE** {ADMIRE SD} Rr Sd Clust- SS: lt gy, Vfn- fn Gr'd, rnd'd-750 subanglr, well cmt'd to fribl w/ Pr- Fr Poro. NS. NF. -CFS-15" SILTS: lt-dk gy, micac. VRr Sd Clust, AA, SIlty, NSO. Rr Sd Clust: It-dk gy, Vfn- fn Gr'd, well cm'td to fribl, silty, Pr- Fr Poro, NS. Silts: AA. -CFS-15" 800 SH & Silts, AA. sm LS: cm-tn, Sl fos dn- ux, Pr- NV Poro, NS. <u>-CFS-15"</u> SH- Silts, AA, micac & sm LS, AA. Pred Sh: dk gy & blk carb. 850 sm LS: tn-gy-wh, sm motl'd Wkst- Pkst, Sl fos, sm wh-chlky, sm ux- fnxln LS, sm Pr- Fr visbl Poro w/ NSO. LS: AA & tn, ux- dn, sm argil &shly & sm Wkst- Pkst, fos w/ VPr-Pr visbl Poro. Interbd'd w/ Vgt'd SH, AA. -c-900 VAbndt LS: cm-tn-gy, Pred dn- ux, prt fnxln- 2nd Re-frac fill, sm SI fos Wkst-Pkst, Pred Pr- NV Poro, NSO. Incrs SH: Pred dk gy-blk & dk gn-gy, I SILTS: sm calc & lmy & LS: gy-tn-wh, sm argil- silty, sm Wkst- Pkst w/ Pr- NV Poro, 950 -c-SH: Pred gy- blk. 998' (+428) {WHITE CLOUD} LS: gy-tn-wh, dn- ux & argil- silty & VRr 1000 WHITE CLOUD LS WHITE CLOUD} SS- Sd Clust: It gy- md gy- Lt Tn OSTN, Pred Vfn Gr'd, silty, micac, subfribl to fribl w/ Fr IGr- uIGr Poro w/ sp'td- sat brt FLR & OSTN, Fr- Gd SFO- Gsy, Odor. & SILTS: gy, Vfnly Sndy, micac w/ Pr- VPr visbl Poro, sm w/ 1007' (-419) WHITE CLOUD SS -CFS-15" Fr- Gd SFO) FLR- SFO. CFS-15" VAbndt SH: Pred dk gy. 1050 Rr LS: tn-gy, dn, ux & Mdst w/ VPr- NV Poro. Incrs LS: gy & gn-gy dn Mdst & ux, Rr Wkst-Pkst, Pr- NV Poro, -CFS-15' LS: AA & gy-tn-bn & cm, mot l'd Wkst- Pkst w/ Pr- VPr Poro, NS. SH: AA, sm argil LS & calc- lmy Silts. LS: AA, dn to chlky & Wkst-Pkst w/ Pr- NV Poro, NS. 1100 LS: tn-gy-cm, sm motl'd Wkst- Pkst, Sl fos & sm ux- fnxln, Pred Pr- NV Poro, NSO. SH: Pred dk gy-blk, sm calc & lmy. LS: tn-gy, dn- ux & Mdst, VPr- NV Poro. SH- SILTS: dk gy- lt gy. 1150 10 -c-Abndt LS: cm-tn-gy, motl'd Wkst- Pkst, fos w/ Pr- Fr visbl Poro, (Trc SFO) VRr Gd Poro, Trc SFO, sm wh-chlky w/ NS; & ux-fnxln w/ Pr-Fr Poro, NSO, sm argil. Trc SFO, <5% w/ FLR & VSl Cut. SH: Pred gy- blk. 1200 LS: gy-tn, dn- ux- Vfnxln, Pred VPr- Pr visbl Poro, Trc SFO & Cut, VRr FLR, Trc uFrc & Edg w/ FLR & Trc SFO (Trc SFO) 1250 LS: cm-tn-gy, sm motl'd Wkst- Pkst, fos & ux- fnxln, VPr- Pr visbl (Trc SFO) Poro, Trc FLR- SFO- Cut, & SH: sm blk carb, & Silty SS- Vfnfn Gr'd, well cmt'd- subfribl w/ NSO, micac- Silts. LS: AA SH: dk gy- blk. LS: tn-gy-wh, sm motl'd Wkst- Pkst, fos & ux- fnxln w/ Pred Pr- $\rm V$ (Trc SFO) Pr Poro, Trc Fr Poro, Pred barren, Trc FLR- SFO, >99% barren. 1300 SH: gy-blk, sm carb. LS: tn-gy-wh, motl'd Wkst-Pkst, Sl fos, sm wh-chlky, Pred Pr-NV Poro w/ NS. sm dn - ux & sm argil- silty. SH: gn-gy & blk. LS: gy, dn Mdst- argil, VPr- NV Poro, NSO. SH: AA. LS: wh-tn-gy, sm motl'd Wkst & ux-fnx, Trc Pr IX Poro, IGr Poro w/ FLR, Trc SFO, >99% barren . [{Trc SFO} 1350 & SH: blk carb. LS: cm-tn-gy, Wkst- Pkst- fos & wh-chlky LS, Pred Pr visbl Poro (Trc SFO) w/ NSO in >99%, Trc spt'd FLR & Trc SFO, sm uIX Poro & pp Poro, Trc FLR- SFO. LS: AA, Incrs prt chlky to Vchlky & sm fos Pkst w/ Pr- Fr Poro, (Trc SFO) >99% barren, Trc SFO- FLR. 1400 10 SH: gy-blk & gn-gy, sm silty SH- Silts. -c-SH: gy-blk, sm carb & sm gn-gy silty. 1450 Pred SH: AA. **Mud Checks** by Mud-Co Drlg @ 1450' wt 9.1, vis 40 PV 11, YP 5 pH 8.5, WL N/C 1468' (-42) Cl 1700, LCM 2# $\{OREAD\}$ LS: wh-bf-tn, prt chlky, sm ux- finxln, & sm Wkst-Pkst, Pr- Fr Poro, $Trc\ FLR\mbox{-}\ SFO\mbox{-}\ Cut.$ OREAD ECD 9.86 {Trc SFO} LS: sm wh-chlky LS & cm-gy-tn, ux- fixln & Wkst- Pkst- Sl fos, sm Pr- Fr Poro: uIX Poro, IGr Poro, ${\bf Trc~FLR, Trc~SFO~w/~uspt's}$ (Trc SFO) FOil. 1500 LS: AA, prt chlky, Trc FLR, Trc SFO. 1510' (-84) {HEEBNER} SH: blk carb. HEEBNER LS: gy, dn- Mdst. SH: Pred dk gy, micac. sm LS: cm-gy-tn, ux- fnxln & Wkst- Pkst- fos, Pr- Fr Poro w/ \mathbf{Trc} (Trc SFO) SFO, Trc FLR, Trc uspt's FOil on brk 1538' (-112) DOUGLAS SH {DOUGLAS} SH: gy-blk & blk carb. 1550 sm LS: AA & argil shly LS. VAbndt Silts & SIlty SS- Clust: Vfn Gr'd, micac. -c-{DOUGLAS} SS- Sd Clust: It gy, Vfn Gr'd, silty & micac w/ Pr-1580' (-154) Fr visbl & aprnt Poro. NSFO. NF. NC. NO. **DOUGLAS SD** 1600 10 -c-SILTS & SH: AA & Silty Sd Clust. (Rr LS: bf-tn-cm & sm wh-chlky, Trc FLR- SFO- uspt's, AA) SH: dk-lt gy. SILTS: micae, VRr Silty Sd Clust, AA & Vr LS, AA. 1650 SH: Pred dk gy to blk, sm carb. Tre Silty Sd Clust, AA- NS. VRr LS; gy-tn-wh, dn- ux & wh-chlky. LS: wh-tn-gy, sm motl'd, Wkst- Pkst- fos, oole w/ sm VPr- Pr Poro (Trc SFO) w/ VRr FLR & Trc SFO. 1700 SH: dk-md gy & blk, sm carb. VRr LS; tn-gy-wh, sm motl'd Wkst & Pkst- fos & ool w/ Pr- Fr IGr (VSI SFO) Poro & ux- fnxln w/ uIX Poro & uFrc's, $\,<\!\!5\%$ w/ spt'd FLR & VSI SFO- Cut. SH: Pred gy- blk. 1750 10 Pred SH: gy, micac & blk subcarb. 1783' (-357) {LANSING} Tre LS: em-tn, dn- uxln. LANSING & Abndt LS: wh-gy-tn, prt chlky & sm motl'd Wkst- Pkst & ux-fnxln w/ VPr- Pr Poro: pp Poro, VRr FLR, Trc SFO. (Trc SFO) 1800 sm SH: vgt'd, sm blk carb. Abndt LS: wh-tn-gy, dn- ux & Mdst & chlky, Pred Pr- NV Poro w/ NSO. LS: Vchlky LS w/ NSO. LS: wh-tn-gy, prt chlky & sm ux- fnxln & Wkst- Pkst w/ Pr- Fr (Trc SFO) Poro: pp Poro, IGr Poro, IX Poro, Trc FLR, Trc SFO & Cut 1850 LS: wh-gy, prt dn- ux & Mdst- Wkst, prt chlky, Pred Pr visbl Poro- $\rm NV$ Poro, NSO. CFS-15" LS: gy-tn-wh, Wkst-Pkst w/ Pr- NV Poro, sm prt chlky, Pred Pr-NV Poro, NSO, sm argil-shly LS. -c-1900 Incrs SH: gy- Rr blk carb. Pred SH: dk gy, sm micac, sm calc. 1950 SH: AA, Pred gy, sm calc. SH: gy, sm cale & lmy. -c-2000 SH: dk- md gy, sm cale & lmy. -c-SH: gy, sm pyrtc. SHL gy, soft & clay. 2050 2055' (-629) KANSAS CITY {KANSAS CITY} LS: wh-gy, tn, sm chlky & sm motl'd- fos & oole Pkst w/ Pr- Fr Poro, Rr Gd Poro: IGr Poro, Ioole Poro, VRr (VSI SFO) mlde Poro, Rr FLR, VSI SFO, VLt OSTN, VSI Cut. LS: wh-gy-tn, motl'd Wkst- Pkst, ool & fos & ux- fnxln, Pred Fr (VSI- SI SFO) visbl - VRr Gd Poro: Iool & fos Poro, VRr molde Poro, <10%, 5% w/ FLR & VSI- SI SFO & Cut, VSI Lt STN. 2100 LS; wh-cm-tn, ux- fnxln, sm prt mdxln, sm Fr- Gd IX Poro & Poro, (Trc SFO) -CFS-15" AA, Trc FLR- SFO- STN- Cut, >99% barren. sm chlky & semi-chlky Wkst & Pkst, >99% barren. 2150 {STARK} sm SH: blk carb. LS: wh-bf-tn, ux- fmx & chlky & SI fos, Pr- Gd IX Poro, IGr Poro, {Trc SFO) pp Poro, Trc FLR, Trc uspt FOil, >99% barren. -c-{HUSHPUCKNEY} SH: blk carb & lmy to Vcarb. LS: gy-tn-wh, motl'd Wkst- Pkst, fos- Sl oole w/ Pr- Fr Poro & IX (Trc SFO) Poro, Trc FLR- SFO & Cut, >99% barren. 2200 Drlg @ 2212' wt 9.15, vis44 PV 13, YP 10 LS: gy-cm, sm dn- argil, sm fos Wkst, Pr- NV Poro. pH 10.0, WL 8.8 Cl 1300, LCM 8 ECD 10.03 $\{BASE\ KANSAS\ CITY\}\ SH:\ Abndt\ gy-blk\ SH\ \&\ SILTS:\ gy,\ sm$ -c-SH- SILTS: gy-blk, sm sndy. 2250 10 SH: gy & blk motl'd mica & sm gn-gy. & sm blk carb SH. sm silty & sndy SH & Sndy Silts. 2300 LS: gy-tn-wh, sm fos Wkst, ux- fnx, VPr- Pr Poro, NS. sm Sl sndy, Rr Silty Sd Clust, Vfn Gr'd, micac w/ Pr visbl Poro, NS. LS: gy-tn, dn Mdst & ux- dn, NV Poro. SH: Vgt'd, gn-gy & gy-bn & sm blk carb. 2350 10 SH: AA, sm calc & lmy SH. LS: tn & gy, Pred dn- ux & Mdst, sm argil- shly, VRr chlky LS. **DST #1 VIOLA** LS:tn-gy, Pred dn- ux & Mdst, sm argil- shly. 2483'-2513' -c-& SH: AA, blk carb. 30-45-30-45 2400 1st Op: Wk blo, blt to 0.7", dd to 10 Rr LS: Wkst- Pkst, Pr- NV Poro, NS. 0.35", No BB 2nd Op: No blo, No BB **REC**: 10' TF: LS: dn & argil Pkst, Pr- NV Poro, sm wh chlky & sb chlky. CFS/CTCH-0.5' CO 9.5' OCM {PJR CHEROKEE} SH: blk carb. (30%O,70%M) LS: dn- ux & Mdst. Tool spl: 5%O,95%M $\{RLM\ CHEROKEE\}\ VAbndt\ SH:\ dk\ gy-\ blk\ fis\ \&\ sm\ gn-gy.$ IHP: 1259 IFP: 20-31 ISIP: 664 FFP: 26-29 FSIP: 664 FHP: 1197 BHT: 109 F 2450 SH: AA (sm LS, AA) DST #2 VIOLA 2483'-2516' -CFS-15" **BIT TRIP** **MECHANICAL** SH: dk gy-blk, micac & sm silty. TOOL **FAILURE** Rec: 1208' TF: 30' CO 124' MCO 2478' (-1052) 40%M,60%O $\label{eq:ardmore} \textbf{ARDMORE} \ LS: \ gy\text{-bn-tn}, \ dn\text{-}\ ux\text{-}\ cryptox\ Mdst\text{-}\ Wkst\ w/\ VPr\text{-}$ ARDMORE 186' OCM NV Poro, sm argil. 12%O,88%M 868' DM SH: sm blk carb. IHP: 1230 Abndt lt-md gn-gy. FP: NA (2505' 40 min spl} {EROS VIOLA} CHERT: gy-wh & smoky gy, -20/40" SIP: NA opq, sm shrp- frsh & sm wthr'd- prt Tripole to Tripolitic, 40% of Chert w/ visbl Poro: uIGr- Tripole Poro w/ spt'd- sat Tn-bn OSTN & brt FLR, Fr- Gd SFO- Gsy & Cut, Frly strng Odor. 2498' (-1072) FHP: 1104 2500 Eros. VIOLA BHT: 105 F (Fr-Gd SFO) 10 Rr LS: gy, ux- dn w/ VPr- NV Poro, sm pyrtc LS & Chert AA & SH: It-md gn-aqua Turq-gn, sm wxy & pyrtc. (2509' 40 min spl) CPS-20/40" 2506' (-1080) **DST #3 VIOLA** VIOLA {VIOLA} DOLO: Pred rich Tn-bn saturated & subsat OSTN 2483'-2516' (Gd SFO) & sm bf-tn-cm Dolo, uxln-fnxln w/ VRr mdX's, Pred usucro 30-45-60-60 texture & Vfnxln w/ Sl 2nd ReX, Fr- Gd IX Poro & pp- vug Poro 1st Op: Wk blo, 2516' (-1090)/RTD -CFS-20/40" w/ Pred sat brt FLR & OSTN, Fr- Gd SFO & Cut & Strng blt to 1.96", Odor. CHERT: AA & cm-gy & gy-tn, opq, Sl wthr'd & prt shrp, No BB Rr Tripole w/ spt'd- subsat OSTN & FLR & SFO- Cut.. Rr WO tester @ 2513' 2nd Op: Wk blo, pyrtc DOLO & Chert. Rr dn- Pr Poro Dolo, sm Lt gn SH, AA. wt 9.2, vis 48 (2513' 40 min spl} SI Incrs (40-50%) DOLO: Pred rich tn-bn blt to 1.91", PV 15, YP 12 OSTN & sm cm-bf-gy, ux- fnxln w/ Trc mdX's, Pred Vfnxln-No BB pH 10.5, WL 8.0 usucro, 50% w/ Fr- Gd uIX & pp- vug Poro w/ subsat- sat Tn-bn Rec: 125' TF: Cl 900, LCM 8# OSTN & brt FLR, Fr- Gd SFO & Cut & Odor ,sm Vdn- uxln 15' CO ECD 9.89 Dolo w/ sm spt'd OSTN & FLR & SFO & Cut, Rr Chert AA 50' OCM (decrs Chert). (2516' 20 min spl) Shrp Incrs (75-80%) DOLO: 40%O,60%M Rich Tn-bn sat OSTN, ux-fnxln, Trc mdX's, Pred Vfnxln-fnxln, TIH w/bit @ 2516' 60' OCM usucro $\mbox{w/}$ Fr- Gd uIX & pp- vug Poro & Fr
 Poro, Gd SFO & Cut, wt 9.1, vis 51 PV 13, YP 13 $\textbf{sat brt FLR \& Strng Odor} \;.\; \textbf{Sl Cherty: cm-blu-gy-bf-tn, Dolome.}$ 10%O,90%M Tool Spl: pH 9.5, WL 8.0 2550 10%O,20%W Cl 4200, LCM 6# 10 70%M ECD 9.79 IHP: 1248 IFP: 29-41 VESS OIL CORP ISIP: 673 RAMSEY #9 FFP: 45-77 1420'FSL&1650'FEL FSIP: 671 Sec 6-25S-05E FHP:1175 BUTLER CO., KS BHT: 101 F 15-015-24170 2600



Vess Oil Corporation

1700 N Waterfront Pkw y

6-25S-5E Butler

Ramsey 9

Job Ticket: 69566

DST#: 1

Wichita, KS 67206 ATTN: Roger Martin

Bldg 500

Test Start: 2022.11.02 @ 09:04:00

GENERAL INFORMATION:

Formation: Viola

Deviated: No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial) Time Tool Opened: 10:47:47 Tester: Leal Cason 72

Time Test Ended: 15:20:02 Unit No:

Interval: 2483.00 ft (KB) To 2513.00 ft (KB) (TVD) Reference Elevations: 1427.00 ft (KB)

Total Depth: 2513.00 ft (KB) (TVD) 1418.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 9.00 ft

Serial #: 6752 Inside

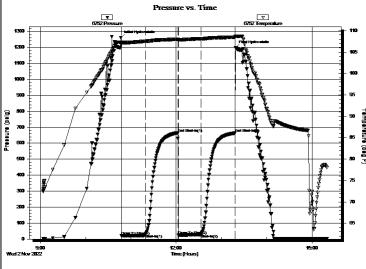
Press@RunDepth: 2489.00 ft (KB) Capacity: 29.49 psig @ psig

Start Date: 2022.11.02 End Date: 2022.11.02 Last Calib.: 2022.11.02 Start Time: 09:04:00 End Time: 2022.11.02 @ 10:46:47 15:20:02 Time On Btm:

2022.11.02 @ 13:19:02 Time Off Btm:

TEST COMMENT: IF: Weak Blow , Built to .7", Died Off to .35"

ISI: No Blow Back FF: No Blow FSI: No Blow Back



	PRESSURE SUMMARY						
Ī	Time	Pressure	Temp	Annotation			
	(Min.)	(psig)	(deg F)				
	0	1259.12	107.25	Initial Hydro-static			
	1	20.28	107.03	Open To Flow (1)			
	33	31.27	107.53	Shut-ln(1)			
	76	664.43	107.98	End Shut-In(1)			
3	77	25.53	107.89	Open To Flow (2)			
	106	29.49	108.11	Shut-In(2)			
(de 6	152	663.75	108.52	End Shut-In(2)			
9	153	1197.22	108.66	Final Hydro-static			

DDECCLIDE CLIMMADY

Recovery

Ods Nates					
	Choke (inches)	Proceure (peig)	Gas Pate (Mef/d)		

Ref. No: 69566 Trilobite Testing, Inc Printed: 2022.11.02 @ 15:26:27



Vess Oil Corporation

6-25S-5E Butler

1700 N Waterfront Pkw y

Bldg 500

Job Ticket: 69567

Ramsey 9

DST#: 2

Wichita, KS 67206 ATTN: Roger Martin

End Time:

Test Start: 2022.11.02 @ 23:14:00

GENERAL INFORMATION:

Formation: Viola

Time Tool Opened: 01:51:32

Time Test Ended: 08:20:02

Interval:

Deviated: No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 72

2483.00 ft (KB) To 2516.00 ft (KB) (TVD)

Reference Elevations:

1427.00 ft (KB) 1418.00 ft (CF)

Total Depth: 2516.00 ft (KB) (TVD)

KB to GR/CF:

9.00 ft

Hole Diameter: 7.88 inches Hole Condition: Good

Serial #: 6752 Inside

Press@RunDepth: psig @ 2489.00 ft (KB)

End Date: 2022.11.03

Capacity: Last Calib.:

psig 2022.11.03

 Start Date:
 2022.11.02

 Start Time:
 23:14:00

08:20:02

Time On Btm:

2022.11.03 @ 01:49:32

Time Off Btm:

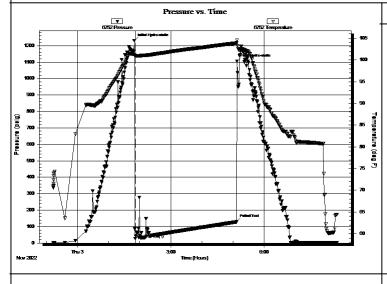
2022.11.03 @ 05:07:32

TEST COMMENT: IF: Weak Blow , Built to 2.57"

ISI: 2" Blow Back

FF: Weak Blow, Built to 2.46"

FSI:



PRESSURE SUM	MMARY
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Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1230.20	101.27	Initial Hydro-static
2	27.81	100.96	Open To Flow (1)
197	128.81	103.89	Pulled Tool
198	1103.87	104.53	Final Hydro-static

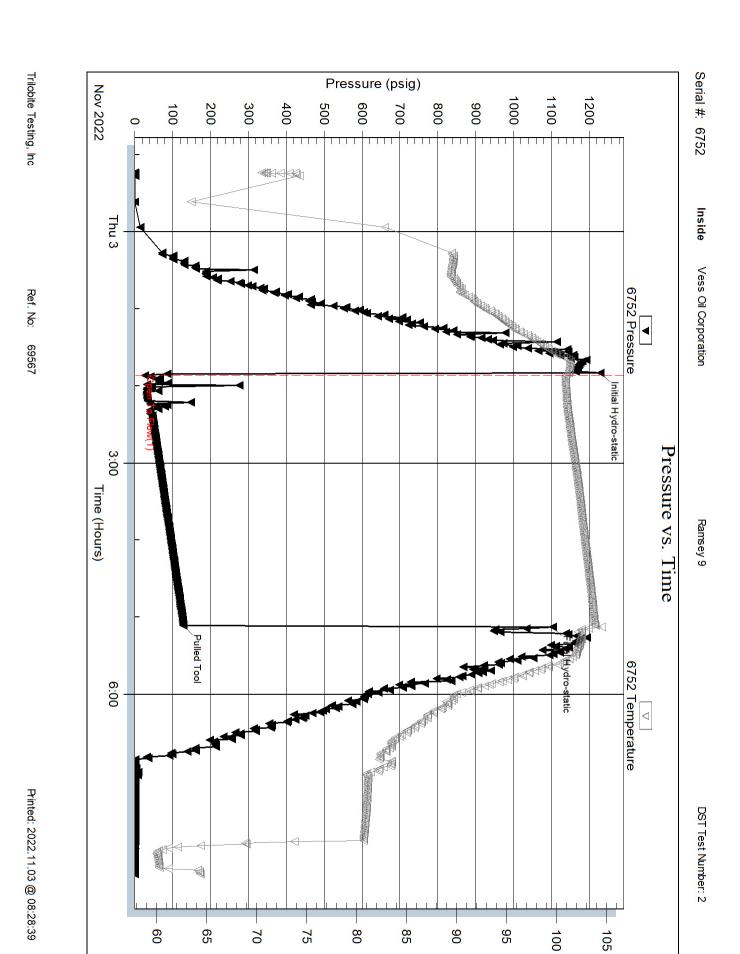
Recovery

Length (ft)	Description	Volume (bbl)
868.00	Mud	8.81
186.00	OCM 12%O 88%M	2.61
124.00	MCO 40%M 60%O	1.74
30.00	Clean Oil	0.42
* Recovery from m	nultiple tests	

Gas Rates

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

Trilobite Testing, Inc Ref. No: 69567 Printed: 2022.11.03 @ 08:28:39



Temperature (deg F)



Vess Oil Corporation

6-25S-5E Butler

DST#: 3

1418.00 ft (CF)

Ramsey 9

1700 N Waterfront Pkw y

Bldg 500

Wichita, KS 67206 Job Ticket: 69568

ATTN: Roger Martin Test Start: 2022.11.03 @ 13:32:00

GENERAL INFORMATION:

Formation: Viola

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

Time Tool Opened: 15:20:47 Tester: Leal Cason Time Test Ended: 20:52:02 Unit No: 72

Interval: 2483.00 ft (KB) To 2516.00 ft (KB) (TVD) Reference ⊟evations: 1427.00 ft (KB)

Total Depth: 2516.00 ft (KB) (TVD) Refere

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 9.00 ft

Serial #: 6752 Inside

Press@RunDepth: 76.61 psig @ 2489.00 ft (KB) Capacity: psig

 Start Date:
 2022.11.03
 End Date:
 2022.11.03
 Last Calib.:
 2022.11.03

 Start Time:
 13:32:00
 End Time:
 20:52:02
 Time On Btm:
 20:22.11.03 @ 15:19:47

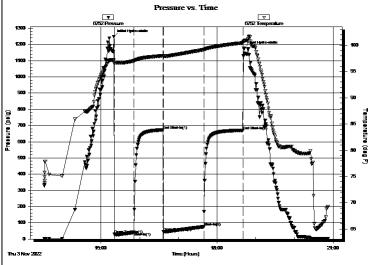
Time Off Btm: 2022.11.03 @ 18:41:32

TEST COMMENT: IF: Weak Blow, Built to 1.96"

ISI: No Blow Back

FF: Weak Blow . Built to 1.91"

FSI: No Blow Back



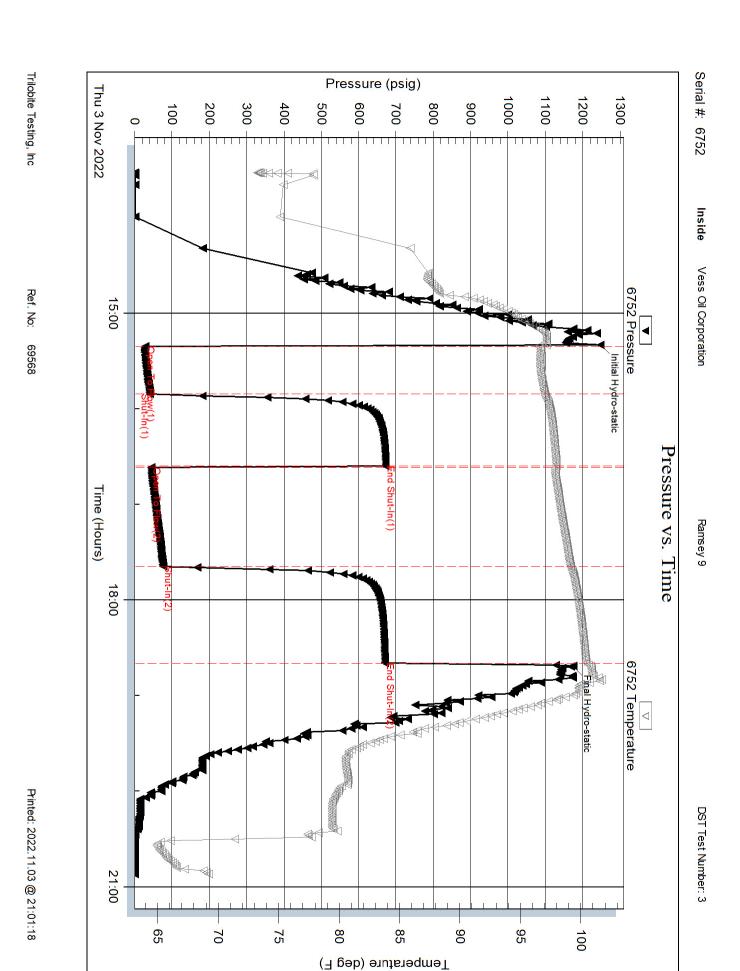
	PRESSURE SUMMARY									
Ī	Time	Pressure	Temp	Annotation						
	(Min.)	(psig)	(deg F)							
	0	1247.98	97.15	Initial Hydro-static						
	1	28.73	96.45	Open To Flow (1)						
	31	41.41	97.03	Shut-In(1)						
٠.	76	672.94	97.98	End Shut-In(1)						
Temperature (deg F	77	45.03	97.94	Open To Flow (2)						
	140	76.61	99.16	Shut-In(2)						
â	201	670.82	100.47	End Shut-In(2)						
J	202	1174.63	100.78	Final Hydro-static						

Recovery

Length (ft)	Description Volume (
0.00	Tool Sample OWCM 10%O 20%W 70%	М 0.00					
60.00	OCM 10%O 90%M	0.30					
50.00	OCM 40%O 60%M	0.25					
15.00	Clean Oil	0.07					
* Recovery from mult	tiple tests						

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

Trilobite Testing, Inc Ref. No: 69568 Printed: 2022.11.03 @ 21:01:18





Remit To: Hurricane Services, Inc.

250 N. Water, Suite 200 Wichita, KS 67202 316-303-9515

Customer:

VESS OIL CORP. 1700 N WATERFRONT PKWY BLDG 500 WICHITA, KS 67206

Invoice Date:	10/29/2022
Invoice #:	0364340
Lease Name:	Ramsey
Well #:	9 (New)
County:	Butler, Ks
Job Number:	EP6458

East

District:

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
Cement Pump Service	2.000	1,100.000	2,200.00
Heavy Eq Mileage	8.000	4.000	32.00
Light Eq Mileage	8.000	2.000	16.00
Ton Mileage-Minimum	2.000	300.000	600.00
H-325	160.000	22.500	3,600.00
Cement Class A	130.000	19.000	2,470.00
Calcium Chloride	550.000	0.750	412.50
8 5/8" Cementing basket	1.000	500.000	500.00

Total	9,830.50

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

<u>SALES TAX:</u> Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.



Customer	Vess Oil Corporat	ion	Lease & Well # Ramsey, #9					Date	10/	29/2022	
Service District	Garnett		County & State	•	Legals S/T/R	6-25	-5	Job#			
Job Type	Surface	✓ PROD	☐ INJ	SWD	New Well?	YES	☐ No	Ticket #	Е	P6458	
Equipment #	Driver Job Safety Analysis - A Discussion of Hazards & Safety Procedures										
89	Garrett Scott	✓ Hard hat	✓ Gloves		Lockout/Tag	gout	Warning Sign	s & Flagging			
239	Nick Beets	✓ H2S Monitor		✓ Eye Protection		Required Pe	ermits	Fall Protection	n		
247	Richaed Mentzer	✓ Safety Footwe	ear	✓ Respiratory Pro	tection	✓ Slip/Trip/Fa	ll Hazards	✓ Specific Job S	Sequence/Exp	ectations	
		✓ FRC/Protectiv	e Clothing	✓ Additional Che	mical/Acid PPE	✓ Overhead H	lazards	✓ Muster Point	/Medical Loc	ations	
		✓ Hearing Prote	ection	✓ Fire Extinguishe	er	Additional of	oncerns or is	sues noted below			
					Con	nments					
		Rig supplied	d water								
Product/ Service Code		Descr	iption		Unit of Measure	Quantity				Net Amount	
C011	Cement Pump Serv		iption		ea	2.00				\$2,200.00	
	Someth unip Serv				υα	2.00				Ψ±,200.00	
M010	Heavy Equipment N	Mileage			mi	8.00				\$32.00	
M015	Light Equipment Mi				mi	8.00				\$16.00	
M025	Ton Mileage - Minir				each	2.00				\$600.00	
CP015	H-325				sack	160.00				\$3,600.00	
CP010	Class A Cement				sack	130.00				\$2,470.00	
CP100	Calcium Chloride				lb	550.00				\$412.50	
FE255	8 5/8" Cement Bask	ket			ea	1.00				\$500.00	
		·								·	
Custo	omer Section: On th	e following scale h	ow would you rate	Hurricane Services	Inc.?		<u> </u>		Net:	\$9,830.50	
_						Total Taxable	\$ -	Tax Rate:		$\geq \leq$	
Ва	ised on this job, no	w likely is it you v	oula recommend	d HSI to a colleague	7	State tax laws dee used on new wells		ucts and services exempt. Hurricane	Sale Tax:	\$ -	
						Services relies on information above					
######################################					wiph#3iho	services and/or pro	oducts are tax	exempt.	Total:	\$ 9,830.50	
HSI Representative: Gan							Garrett Scot	7			
				r to sale. Credit terms of							
collection, Customer h applied in arriving at n Pricing does not includ discount is based on 3 made concerning the r guarantee of future pro operational care of all	ereby agrees to pay all et invoice price. Upon re de federal, state, or local 0 days net payment terr results fom the use of ar oduction performance.	fees directly or indirectly or indirectly or caston, the full involt assessing the service of the service. Customer represents the service of	otly incurred for such of other price without discount of the price adjusts of the price adjusts of the information present and warrants that welle HSI is on location presents.	maximum allowable by collection. In the event to count is immediately due ments. Actual charges minical data is presented iented is a best estimate till and all associated equiperforming services. The	hat Customer's account and subject to collect and yary depending used and yary depending used and yary depending of the actual results in acceptable	unt with HSI become ction. Prices quoted pon time, equipmer warranty is stated or that may be achieve a condition to receive	es delinquent, I are estimates nt, and material implied. HSI a ed and should b e services by H	HSI has the right to roonly and are good fo ultimately required t ssumes no liability for the used for comparish ISI. Likewise, the cus	evoke any disco r 30 days from to perform these or advice or reco on purposes ar stomer guarante	ounts previously the date of issue. e services. Any ommendations ad HSI makes no ees proper	
X				CUSTOMER A	UTHORIZATIO	ON SIGNATUI	RE				



EMENT	TRE	ATMEN	T REPO	ORT						
Cust	omer:	Vess Oil	Corpo	ation	Well:	Rams	ey, #9	Ticket:	EP6458	
		Wichita,			County:	Butler, KS Date: 10/29/2022				
Field	d Rep:	Judd Gu	ıilick		S-T-R:	6-25-6		Service:	Surface	
						'				
		nformatio			Calculated Slu	ırry - Lead		Calc	ulated Slurry - Tail	
	Size:	12 1/4			Blend:	H-325		Blend:		
Hole D		254			Weight:	ppg		Weight:	ppg	
Casing		8 5/8	in		Water / Sx:	gal / sx		Water / Sx:	gal / sx	
Casing E		250	ft		Yield:	1.35 ft ³ / sx		Yield:	ft ³ / sx	
Fubing /			in		Annular Bbls / Ft.:	bbs / ft.		Annular Bbls / Ft.:	bbs / ft.	
	Depth:		ft		Depth:	ft		Depth:	ft	
Tool / Pa		Cement	Basket		Annular Volume:	0.0 bbls		Annular Volume:	0 bbls	
Tool E	Depth:	40	ft		Excess:			Excess:		
Displace	ment:	16.0	bbls		Total Slurry:	0.0 bbls		Total Slurry:	0.0 bbls	
			STAGE	TOTAL	Total Sacks:	0 sx		Total Sacks:	0 sx	
TIME	RATE	PSI	BBLs	BBLs	REMARKS					
11:30 AM			-	-	Rig called cement crew o	ut at 11:30				
12:30 PM				-	Rig lost circulation, crew	already on the road. Or	stand by whi	le rig regained circulation		
				-						
9:00 PM				-	On location, held saftey n	neeing set up equipmer	ıt			
10:00 PM				-	Rig ran surface casing					
11:00 PM				-	Rig Pumped for 30 Min					
11:30 PM	4.0	200.0		-	Hooked to casing and pu	mped 160 sks of H-325	cement displa	ced with 14.5 BBL of fresh	water, No circulation	
12:00 AM				-	Left location to reload cer	ment				
1:30 AM	1.0			-	Pumped 65 sks of class A	A cement with 3% cal do	wn the backsi	ide and waited 1HR		
2:30 AM	1.0			-	Pumped 65 sks of class A	A cement with 3% cal do	wn the backsi	ide with Cottonseed Hulls,	cement to surface	
				-	Waited for 30 min to watc	h cement, hole stayed f	ull			
					Washed up equipment					
3:00 AM					Left location					
		CREW			UNIT			SUMMARY		
						A	re Bete			
	nenter:		tt Scott		89		ge Rate	Average Pressure	Total Fluid	
	erator:	Nick E	seets		239	2.0	bpm	200 psi	- bbls	
	ulk #1:	F	ed Mentze		247					



						<u> </u>						
Customer	Vess Oil Corp.		Lease & W	ell# Ramsey	y #9				Date	11	1/4/20)22
Service District	Garnett	County & State Butler - KS			Legals S/T/R	6 - 25S	- 5E	Job#				
Job Type	Longstring	☑ PROD	□ INJ	□ SWD		New Well?	YES	□ No	Ticket #	Е	P651	15
Equipment #	Driver		Job Safety Analysis - A Discussion of Hazards & Safety Procedures									
931		☑ Hard hat		☑ Glove	es		□ Lockout/Tage	out	☐ Warning Signs	& Flagging		
239		☐ H2S Monitor		☑ Eye P	rotection		□ Required Per	mits	☐ Fall Protection			
189	Keith Detwiler	☐ Safety Footwe	ear	□ Respi	ratory Pro	otection	☑ Slip/Trip/Fall	Hazards	☑ Specific Job Se	quence/Expe	ctatio	ons
		☑ FRC/Protective	e Clothing	□ Addit	ional Che	mical/Acid PPE	☑ Overhead Ha	zards	☑ Muster Point/N	Medical Locat	ions	
		☑ Hearing Prote	ection	☑ Fire E	xtinguish	er	☐ Additional co	ncerns or issu	ues noted below			
						Con	nments					
	Set 2500' +/- of 5.5" casing in 7.875" mud drilled hole with Type A packer shoe; H854 + 1# pheno (13.8# 1.8Y) estimated TOC 1300' (calculated at 35% excess); + 50 sxs RH & MH; rig supplied water for cementing;											
Product/ Service Code		Des	cription			Unit of Measure	Quantity				N	et Amount
M010	Heavy Equipment M					mi	8.00					\$32.00
M015	Light Equipment Mil					mi	8.00					\$16.00
M025	Ton Mileage - Minim					each	1.00					\$300.00
D013	Depth Charge: 2001	1'-3000'				job	1.00					\$2,000.00
C060	Cement Blending &					sack	215.00					\$301.00
CP060	H854 Thixo					sack	215.00		\$6,45			
CP125	Pheno Seal					lb	215.00		\$37			
CP170	Mud Flush					gal	500.00		\$5			
FE125	5 1/2" Centralizer					ea	6.00		\$36			
FE130	5 1/2" Cement Bask	cet				ea	1.00		\$30			\$300.00
FE175	5 1/2" Type A Packe	er Shoe				ea	1.00		\$2,000			\$2,000.00
FE170	5 1/2" Latch Down F	Plug & Baffle				ea	1.00					\$350.00
R061	Service Supervisor					day	1.00					\$275.00
C050	Cement Plug Conta	iner				job	1.00					\$250.00
Custo	omer Section: On th	e following scale	how would you	rate Hurrican	e Service	s Inc 2				N-4	$\overline{}$	\$40.540.05
Cusic	omer Section. On the	le following scale	now would you	rrate riumcam	e dei vice	s IIIC. !	Total Taxable	s -	Tax Rate:	Net:	_	\$13,510.25
Ba	ased on this job, ho	w likely is it you	would recomi	mend HSI to a	colleagu	ıe?		· · · · · · · · · · · · · · · · · · ·	ducts and services	Sale Tax:	\$	
	used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided						Ė					
		3 4 5	6 7	8 9		Extremely Likely	well information a	bove to make a	a determination if		١.	
	DIRECTLY I Z		0 1	U 9	10 1	_auoillely Likely	services and/or p	oducis are fax	елепірі.	Total:	\$	13,510.25
							HSI Represe	entative:				
TERMS: Cash in adva	anno unloco Hurricono S	Continue Inc. (UCI)	has approved or	odit prior to colo	Credit ton	me of cale for approve	a accounts are tota	Linvoico duo o	n or hofore the 20th	day from the de	ata of	invoice Post

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/3% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. DISCLAIMER NOTICE: Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and properly while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable ser

CUSTOMER AUTHORIZATION SIGNATUR
CUSTOMER AUTHORIZATION SIGNATUR



CEMENT	T TRE	ATMEN	IT REP	ORT						
Customer: Vess Oil Corp.			Well:		Ramsey #9 Ticket:		Ticket:	EP6515		
City, State:		County:		Butler - KS		Date:	11/4/2022			
Field Rep:		S-T-R:		6 - 25S -	5E	Service:	Longstring			
				<u> </u>						
Dow	nhole !	Informatio	on		Calculated	Slurry - Lea	d		Calc	culated Slurry - Tail
Hole	e Size:	7.875	in		Blend:	H854	1# PS		Blend:	
	Depth:		ft		Weight:	13.80	ppg		Weight:	ppg
	g Size:				Water / Sx:		gal / sx		Water / Sx:	gal / sx
Casing I					Yield:	1.82	ft ³ / sx		Yield:	ft ³ / sx
itch Down					Annular Bbls / Ft.:		bbs / ft.		Annular Bbls / Ft.:	bbs / ft.
		2457.42			Depth:		ft		Depth:	ft
Tool / Pa					Annular Volume:	0.0	bbls		Annular Volume:	0 bbls
	Depth:				Excess:				Excess:	
Displace	ement:	58.79			Total Slurry:				Total Slurry:	0.0 bbls
TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	Total Sacks: REMARKS	215	sx		Total Sacks:	0 sx
		PSI	DDLS	BBLS						
3:00 AM	+		 	-	on location with float	equipment				
				-	waited for rig to get up	waited for rig to get ready casing to run				
				-	waited for rig to get re	ady casing t	o run			
5:00 AM					cement crew on locat	ion				
3.00 AW							: 1/2" latch down	nlug and l	nofflo	
5:30 AM	1				started casing in hole	shop to retrieve 5 1/2" latch down plug and baffle				
3.30 AW	<u>'</u>				centralizers on #2, 8,					
					cement basket on #11					
8:00 AM					casing landed					
0.0074					rig circulated hole for	1 hr to thin r	mud and condition	n hole		
					dropped trip ball	1 111 10 1111111	nuu unu conunc			
					rig pumped ball to set packer - packer set at 500 PSI					
					rig circulated hole for 30 minutes					
					rigged up cement equipment					
9:30 AM					ready to pump cemen					
					rig blew hose on mud		ed for rig to repai	r hose to	empty pits	
10:15 AM	ı				mud pump repaired -				- 	
	2.0				mixed and pumped 50			er sk to pli	ug RH and MH	
	4.0	200.0			mixed and pumped 50	00 gal Mud Fl	ush followed by 1	10 bbls fre	sh water	
	4.0	200.0			mixed and pumped 16	55 sks H854 c	cement w/ 1# PS			
	4.0				released latch down p	olug and flusi	hed pump clean			
	4.0	200.0			pumped latch down p	lug to baffle	with 58.79 bbls fr	esh water		
	1.5	1,000.0			pressured increased,	slowed dow	n pump rate			
11:30 AM	1.0	1,700.0			plug down, pressured	l to 1700 PSI,	well held pressu	re, release	ed pressure to set float va	lve, float held
	4.0				washed up cement equipment and rigged down					
12:10 PM					left location					
		CREW			UNIT				SUMMAR	Y
Cer	menter:	Case	ey Kenne	dy	931		Average R	ate	Average Pressure	Total Fluid
Pump Op	perator:	Nick	Beets		239		3.1 bpr	n	660 psi	- bbls
	Bulk #1:		n Detwile	r	189					
Bulk #2:										



Vess Oil Corporation

1700 N Waterfront Pkw y

6-25S-5E Butler

Ramsey 9

Job Ticket: 69566

DST#: 1

Wichita, KS 67206 ATTN: Roger Martin

Bldg 500

Test Start: 2022.11.02 @ 09:04:00

GENERAL INFORMATION:

Formation: Viola

Deviated: No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial) Time Tool Opened: 10:47:47 Tester: Leal Cason 72

Time Test Ended: 15:20:02 Unit No:

Interval: 2483.00 ft (KB) To 2513.00 ft (KB) (TVD) Reference Elevations: 1427.00 ft (KB)

Total Depth: 2513.00 ft (KB) (TVD) 1418.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 9.00 ft

Serial #: 6752 Inside

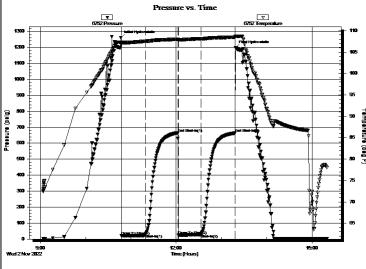
Press@RunDepth: 2489.00 ft (KB) Capacity: 29.49 psig @ psig

Start Date: 2022.11.02 End Date: 2022.11.02 Last Calib.: 2022.11.02 Start Time: 09:04:00 End Time: 2022.11.02 @ 10:46:47 15:20:02 Time On Btm:

2022.11.02 @ 13:19:02 Time Off Btm:

TEST COMMENT: IF: Weak Blow , Built to .7", Died Off to .35"

ISI: No Blow Back FF: No Blow FSI: No Blow Back



	PRESSURE SUMMARY						
Ī	Time	Pressure	Temp	Annotation			
	(Min.)	(psig)	(deg F)				
	0	1259.12	107.25	Initial Hydro-static			
	1	20.28	107.03	Open To Flow (1)			
	33	31.27	107.53	Shut-In(1)			
	76	664.43	107.98	End Shut-In(1)			
3	77	25.53	107.89	Open To Flow (2)			
	106	29.49	108.11	Shut-In(2)			
(de 6	152	663.75	108.52	End Shut-In(2)			
9	153	1197.22	108.66	Final Hydro-static			

DDECCLIDE CLIMMADY

Recovery

Length (ft)	Description	Volume (bbl)
0.00	Tool Sample SOCM 5%O 95%M	0.00
0.50	Clean Oil	0.00
9.50	OCM 30%O 70%M	0.05
9.50	OCM 30%O 70%M	0.05

Oas Nates					
	Choke (inches)	Proceure (peig)	Gas Pate (Mef/d)		

Ref. No: 69566 Trilobite Testing, Inc Printed: 2022.11.02 @ 15:26:27



Vess Oil Corporation

6-25S-5E Butler

1700 N Waterfront Pkw y

Bldg 500

Job Ticket: 69567

Ramsey 9

DST#: 2

Wichita, KS 67206 ATTN: Roger Martin

End Time:

Test Start: 2022.11.02 @ 23:14:00

GENERAL INFORMATION:

Formation: Viola

Time Tool Opened: 01:51:32

Time Test Ended: 08:20:02

Interval:

Deviated: No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 72

2483.00 ft (KB) To 2516.00 ft (KB) (TVD)

Reference Elevations:

1427.00 ft (KB) 1418.00 ft (CF)

Total Depth: 2516.00 ft (KB) (TVD)

KB to GR/CF:

9.00 ft

Hole Diameter: 7.88 inches Hole Condition: Good

Serial #: 6752 Inside

Press@RunDepth: psig @ 2489.00 ft (KB)

End Date: 2022.11.03

Capacity: Last Calib.:

psig 2022.11.03

 Start Date:
 2022.11.02

 Start Time:
 23:14:00

08:20:02

Time On Btm:

2022.11.03 @ 01:49:32

Time Off Btm:

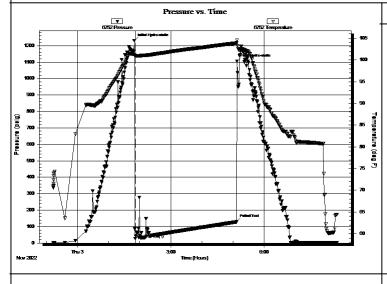
2022.11.03 @ 05:07:32

TEST COMMENT: IF: Weak Blow , Built to 2.57"

ISI: 2" Blow Back

FF: Weak Blow, Built to 2.46"

FSI:



PRESSURE SUM	MMARY
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Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1230.20	101.27	Initial Hydro-static
2	27.81	100.96	Open To Flow (1)
197	128.81	103.89	Pulled Tool
198	1103.87	104.53	Final Hydro-static

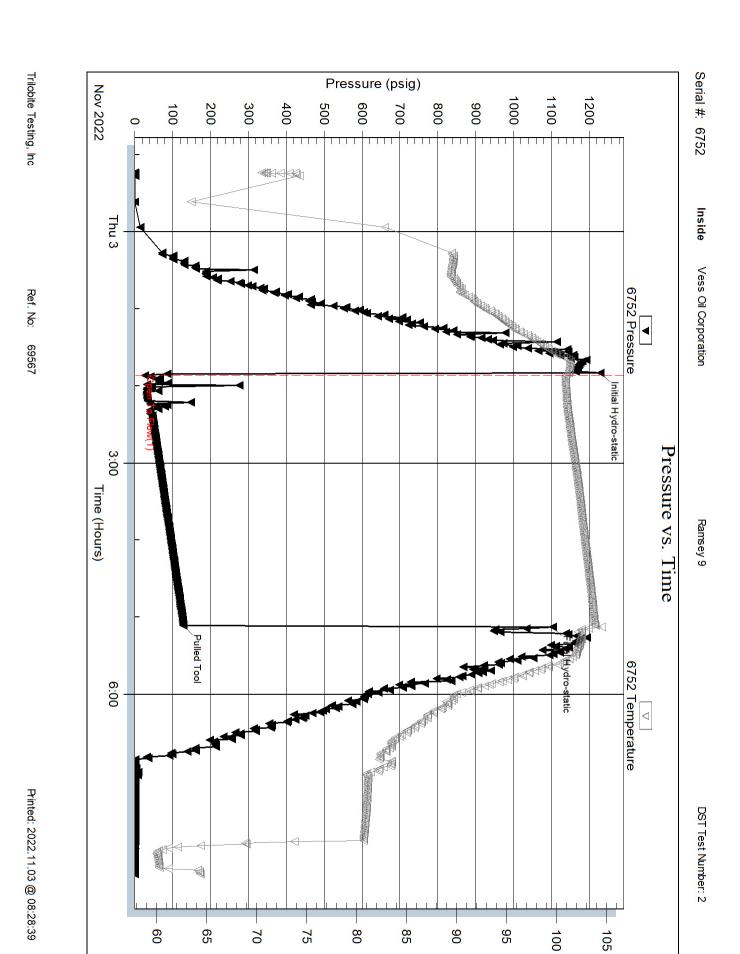
Recovery

Length (ft)	Description	Volume (bbl)					
868.00	Mud	8.81					
186.00	OCM 12%O 88%M	2.61					
124.00	MCO 40%M 60%O	1.74					
30.00	Clean Oil	0.42					
* Recovery from m	* Recovery from multiple tests						

Gas Rates

Cho	ke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc Ref. No: 69567 Printed: 2022.11.03 @ 08:28:39



Temperature (deg F)



Vess Oil Corporation

6-25S-5E Butler

DST#: 3

1418.00 ft (CF)

Ramsey 9

1700 N Waterfront Pkw y

Bldg 500

Wichita, KS 67206 Job Ticket: 69568

ATTN: Roger Martin Test Start: 2022.11.03 @ 13:32:00

GENERAL INFORMATION:

Formation: Viola

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

Time Tool Opened: 15:20:47 Tester: Leal Cason Time Test Ended: 20:52:02 Unit No: 72

Interval: 2483.00 ft (KB) To 2516.00 ft (KB) (TVD) Reference ⊟evations: 1427.00 ft (KB)

Total Depth: 2516.00 ft (KB) (TVD) Refere

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 9.00 ft

Serial #: 6752 Inside

Press@RunDepth: 76.61 psig @ 2489.00 ft (KB) Capacity: psig

 Start Date:
 2022.11.03
 End Date:
 2022.11.03
 Last Calib.:
 2022.11.03

 Start Time:
 13:32:00
 End Time:
 20:52:02
 Time On Btm:
 20:22.11.03 @ 15:19:47

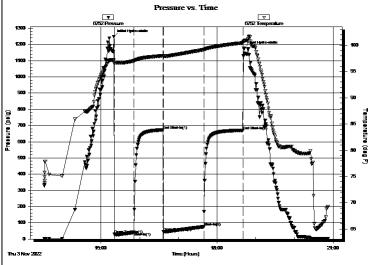
Time Off Btm: 2022.11.03 @ 18:41:32

TEST COMMENT: IF: Weak Blow, Built to 1.96"

ISI: No Blow Back

FF: Weak Blow . Built to 1.91"

FSI: No Blow Back



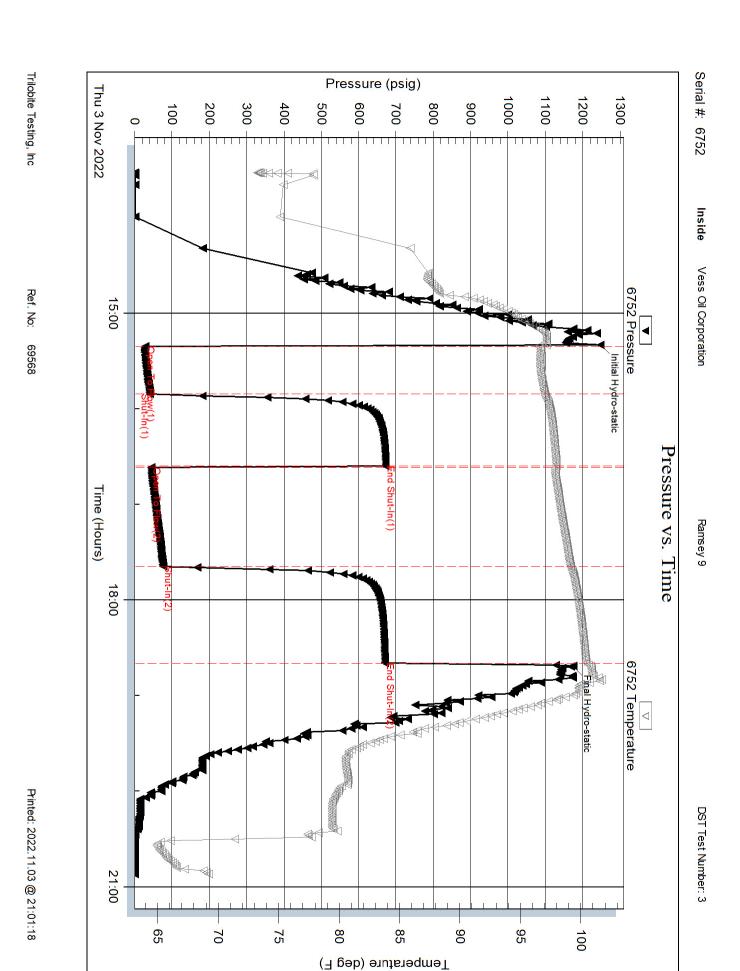
	PRESSURE SUMMARY						
Ī	Time	Pressure	Temp	Annotation			
	(Min.)	(psig)	(deg F)				
	0	1247.98	97.15	Initial Hydro-static			
	1	28.73	96.45	Open To Flow (1)			
	31	41.41	97.03	Shut-In(1)			
٠.	76	672.94	97.98	End Shut-In(1)			
Temperature (deg F	77	45.03	97.94	Open To Flow (2)			
	140	76.61	99.16	Shut-In(2)			
â	201	670.82	100.47	End Shut-In(2)			
J	202	1174.63	100.78	Final Hydro-static			

Recovery

Length (ft)	th (ft) Description					
0.00	0.00 Tool Sample OWCM 10% O 20% W 70%					
60.00	OCM 10%O 90%M	0.30				
50.00	OCM 40%O 60%M	0.25				
15.00	Clean Oil	0.07				
* Recovery from mult	* Recovery from multiple tests					

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

Trilobite Testing, Inc Ref. No: 69568 Printed: 2022.11.03 @ 21:01:18



Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513



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

Laura Kelly, Governor

Susan K. Duffy, Chair Dwight D. Keen, Commissioner Andrew J. French, Commissioner

March 16, 2023

Coleman Townes Vess Oil Corporation 1700 N WATERFRONT PKWY BLDG 500 WICHITA, KS 67206-6619

Re: ACO-1 API 15-015-24170-00-00 RAMSEY 9 SE/4 Sec.06-25S-05E Butler County, Kansas

Dear Coleman Townes:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 10/29/2022 and the ACO-1 was received on March 13, 2023 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department