

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. 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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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 / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Company: Vess Oil Corporation

Lease: Colahan "A" #42

SEC: 24 TWN: 11S RNG: 17W
 County: ELLIS
 State: Kansas
 Drilling Contractor: WW Drilling, LLC - Rig 108
 Elevation: 2067 EGL
 Field Name: Bemis-Shutts
 Pool: Infield
 Job Number: 408
 API #: 15-051-26973-00-00

Operation:
 Uploading recovery & pressures

DATE
 October
25
 2019

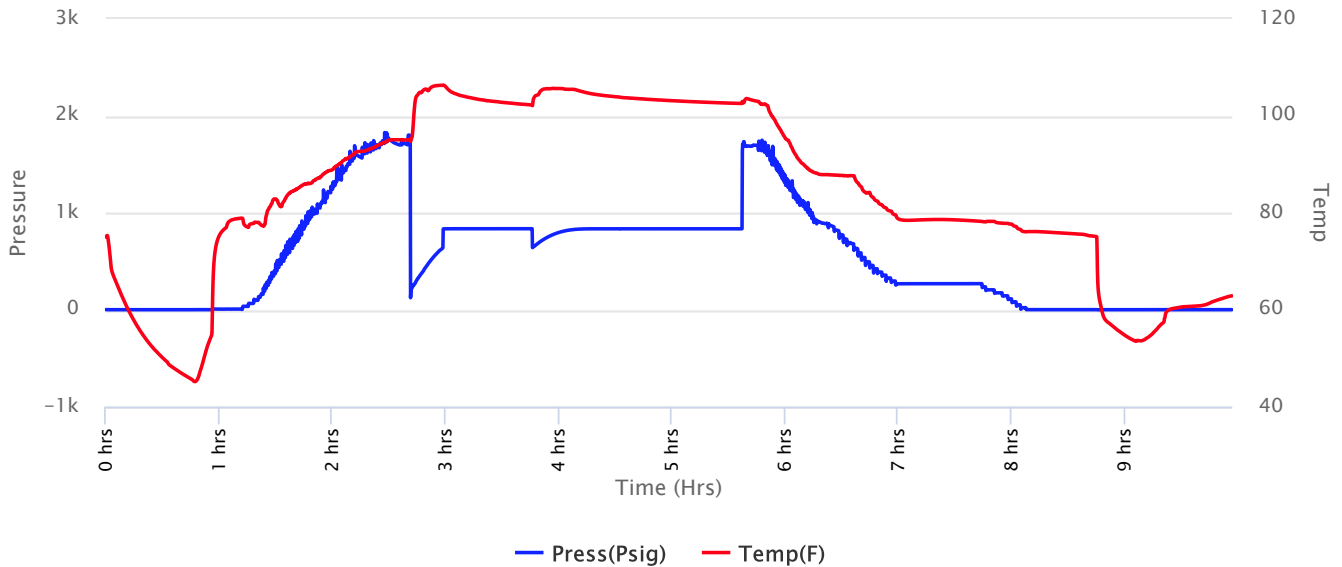
DST #1 **Formation: Arbuckle** **Test Interval: 3480 - 3533'** **Total Depth: 3533'**
 Time On: 03:33 10/25 Time Off: 13:13 10/25
 Time On Bottom: 06:10 10/25 Time Off Bottom: 08:55 10/25



Electronic Volume Estimate:
 2231'

<u>1st Open</u>	1st Close	<u>2nd Open</u>	2nd Close
Minutes: 15	Minutes: 45	Minutes: 45	Minutes: 60
Current Reading: 193" at 15 min	Current Reading: 0" at 45 min	Current Reading: 71.6" at 45 min	Current Reading: 0" at 60 min
Max Reading: 193"	Max Reading: 0"	Max Reading: 93.5"	Max Reading: 0"

Inside Recorder





Company: Vess Oil Corporation
Lease: Colahan "A" #42

SEC: 24 TWN: 11S RNG: 17W
 County: ELLIS
 State: Kansas
 Drilling Contractor: WW Drilling, LLC - Rig 108
 Elevation: 2067 EGL
 Field Name: Bemis-Shutts
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Operation:
 Uploading recovery & pressures

DATE
 October
25
 2019

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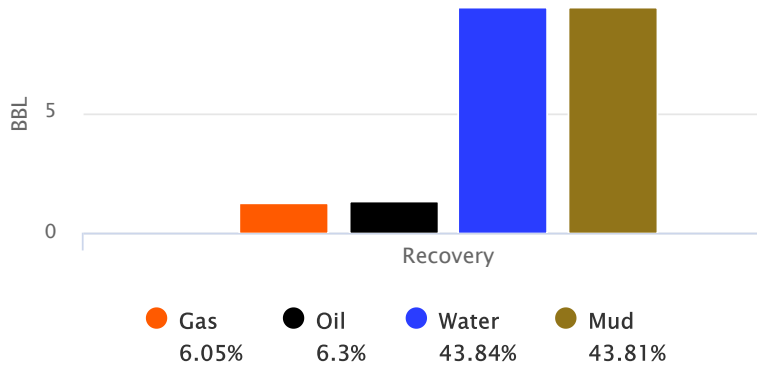
Recovered						
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
4	0.05692	O	0	100	0	0
762	10.84326	SLOCSLGCSLWCM	6	5	8	81
567	8.06841	SLMCSLGCSLOCW	8	9	77	6
252	2.4647567	SLOCSLMCW	0	1	94	5

Total Recovered: 1585 ft
 Total Barrels Recovered: 21.4333467

Reversed Out
 NO

Initial Hydrostatic Pressure	1701	PSI
Initial Flow	124 to 638	PSI
Initial Closed in Pressure	835	PSI
Final Flow Pressure	640 to 834	PSI
Final Closed in Pressure	835	PSI
Final Hydrostatic Pressure	1704	PSI
Temperature	107	°F
Pressure Change Initial Close / Final Close	0.1	%

Recovery at a glance



GIP cubic foot volume: 7.27678



Company: Vess Oil Corporation
Lease: Colahan "A" #42

SEC: 24 TWN: 11S RNG: 17W
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 Drilling Contractor: WW Drilling, LLC -
 Rig 108
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 pressures

DATE
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25
 2019

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 Time On: 03:33 10/25 Time Off: 13:13 10/25
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Down Hole Makeup

Heads Up: 32.05 FT	Packer 1: 3475 FT
Drill Pipe: 3359.05 FT <i>ID-3 1/2</i>	Packer 2: 3480 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Packer 3: 3533 FT
Collars: 120.43 FT <i>ID-2 1/4</i>	Top Recorder: 3464.42 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Bottom Recorder: 3482 FT
Total Anchor: 53	Below Straddle Recorder: 3534 FT
Anchor Makeup	Well Bore Size: 7 7/8
Packer Sub: 1 FT	Surface Choke: 1"
Perforations: (top): FT <i>4 1/2-FH</i>	Bottom Choke: 5/8"
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 52 FT <i>4 1/2-FH</i>	
STRADDLE	
Straddle Packer(s): FT	
Change Over: FT	
Drill Pipe: FT <i>ID-3 1/2"</i>	
Change Over: FT	
Perforations (in tail pipe): FT <i>4 1/2-FH</i>	



BASIC
ENERGY SERVICES



PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1004542	1718	10/28/2019
INVOICE NUMBER			
93076430			

Pratt

(620) 672-1201

B VESS OIL CORPORATION
 I 1700 WATERFRONT PKWY BLDG 500
 L WICHITA
 L KS US 67206
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Colahan A 42
 O LOCATION
 B COUNTY Ellis
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41193980	19843		Net - 30 days	11/27/2019

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 10/26/2019 to 10/26/2019</i>				
0041193980				
171818361A Cement-New Well Casing/Pi 10/26/2019 Cement 2 Stage Longstring				
AA2 Premium Cement	150.00	SK	7.98	1,197.00 T
A-Con Blend	200.00	EA	21.00	4,200.00 T
C-17	71.00	LB	10.08	715.68 T
C-41P	71.00	LB	1.68	119.28 T
Calcium Chloride	564.00	LB	0.42	236.88 T
Gypsum	705.00	LB	0.42	296.10 T
Gilsonite	751.00	LB	0.42	315.42 T
Salt	783.00	LB	0.21	164.43 T
Celloflake	88.00	LB	1.68	147.84 T
Mud Flush	500.00	GAL	0.65	322.50 T
Depth Charge, 3001-4000'	1.00	HR	924.00	924.00
Plug Container Utilization Charge	1.00	EA	105.00	105.00
Light Vehicle Mileage	100.00	MI	2.10	210.00
Heavy Equipment Mileage	200.00	MI	3.36	672.00
Ton Mileage	1,645.00	MI	1.26	2,072.70
Blending & Mixing Service Charge	350.00	SK	0.59	205.80
Cementing Shoe Packer Type, 5 1/2" (Blue)	1.00	EA	1,232.00	1,232.00
Two Stage Cement Collar, 5 1/2" (Blue)	1.00	EA	1,980.00	1,980.00
5 1/2" Basket (Blue)	2.00	EA	127.60	255.20
Turbolizer, 5 1/2" (Blue)	10.00	EA	48.40	484.00
Service Supervisor Charge	1.00	EA	75.00	75.00
Driver Charge	3.00	EA	35.00	105.00

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	16,035.83
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	501.48
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	16,537.31
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 18361 A

TJMH/41

24-115-17W

DATE _____ TICKET NO. _____

DATE OF JOB: 10/26/2019		DISTRICT: Pr 922, 1CS		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER: Vess Oil Corporation				LEASE: Colghan A				WELL NO. 442	
ADDRESS:				COUNTY: Ellis		STATE: KS			
CITY:				STATE:		SERVICE CREW: Dren, Brian, James			
AUTHORIZED BY:				JOB TYPE: 242/5 1/2 2 stage Lunsbrens					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
19843	5						10/25	AM	3:00
21010	1/2						10/25	AM	7:45
							10/25	AM	4:00
							10/26	AM	8:00
							10/26	AM	9:45
						MILES FROM STATION TO WELL	127		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT	
BC145	AA2 Premium Cement	SK	150		2,850 00	
BC118	A-Con	SK	200		10,000 00	
CC187	C-17	LB	71		1,704 00	
CC105	C-41P	LB	71		284 00	
CC109	Calcium Chloride	LB	564		564 00	
CC113	Gypsum	LB	705		705 00	
CC201	Gilsonite	LB	751		751 00	
CC111	Sgt	LB	783		351 00	
CC102	Cellofloc	LB	88		352 00	
FRAC151	mud Flush	Gal	500		750 00	
CE104	Depon Charge, 3,001' - 4,000'	HR	1		2,200 00	
CE504	Plug container Utilization Charge	FA	1		250 00	
ME101	Lish + Vehicle Mileage	MI	100		500 00	
ME102	Heavy Equipment Mileage	MI	200		1,600 00	
Tm	Ton Mileage	MI	1645		4,935 00	
CF240	Blenders + mixing Service Charge	SK	350		490 00	
					SUB TOTAL	

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE: Ron Frank THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Roger Martin
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

St 950 #1

Customer Vess Oil Corporation		Lease No.	Date 10/26/2019	
Lease Colshon A		Well # 42		
Field Order # 18361	Station Pratt, KS	Casing 5 1/2	Depth 3533	County Ellis
Type Job 242/5 1/2 25150 Long String		Formation TD-3533	Legal Description 24-115-174	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
3 1/2	DV Tool			Pre Pad	Max		5 Min.
Depth 3533	Depth 1269	From	To	Pad	Min		10 Min.
Volume 84	Volume 30	From	To	Frac	Avg		15 Min.
Max Press	Max Press	From	To		HHP Used		Annulus Pressure
Well Connection	Annulus Vol.	From	To	Flush Water, mud	Gas Volume		Total Load
Plug Depth 3471	Packer Depth	From	To				

Customer Representative	Station Manager Justin Westerman	Treater Darin Franklin							
Service Units	92911	78982	19843	19960	21010				
Driver Names	Darin	Brett	Brett	James	James				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:45pm					On location / Safety meeting
					B-2, 56 T-2, 34, 8, 9, 10, 12, 13, 56, 64
					150 SK MP2 Cement, 10% SVPSesi, 10%
					5.12, 6pps G. Isonize, 1/4# Cellolyske
					0.5% fluid loss, 0.5% defoamer
					15.0pps, 1.49 yield, 6.26 water
4:30am	200		5	5	Pump 5 bbls water
	200		12	5	Pump 12 bbls mud Flush
	200		5	5	Pump 5 bbls water
	200		40	5	mix 150 SK Cement
					Shut down
					Wash pump & lines & Drop Plug
	200		0	5	Start displacement
	400		58	5	Lift Pressure
	800		73	3	Slow Rate
5:15pm	1500		83	3	Bump Plug
					Flow - Hold
					Drop DV opening Tool
	800		1/2	1/4	Open DV Tool
6:00pm					Circulate with Rig -

BASIC

energy services, L.P.

TREATMENT REPORT

Customer Vess Oil Corporation	Lease No.	Date 10/26/2019			
Lease Colghson A	Well # 42				
Field Order # 18361	Station Pisotiks	Casing 5 1/2	Depth 3533	County Ellis	State KS
Type Job 242/5 1/2 25950 Longline	Formation TD-3133	Legal Description			

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
3 1/2				Pre Pad	Max		5 Min.
Depth 1269	Depth	From	To	Pad	Min		10 Min.
Volume 30	Volume	From	To	Frac	Avg		15 Min.
Max Press	Max Press	From	To		HHP Used		Annulus Pressure
Well Connection	Annulus Vol.	From	To	Flush WGR	Gas Volume		Total Load
Plug Depth 1269	Packer Depth	From	To				

Customer Representative	Station Manager Justin Westman	Treater Justin Franklin
-------------------------	-----------------------------------	----------------------------

Service Units	7294	7892	19843	19960	21010				
Driver Names	Dale	Brian	Brian	James	James				

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
					200SK A-Con Blend, 3% Calcium Chloride, 0.25 pps Cellulose, 11.4 pps, 2.95 vol 12, 18.10 water
8:00pm	2400		105	5	Mix 200SK Cement
					Shut down
					Wash Pump & 1-hr & Release Plus
	200		10	1.5	Silica & admix
	400		20	3	Slow Rate
	700		30	3	Bump Plug
					Flush - Hold
					Cement did circulate thru in collar



BASIC ENERGY SERVICES



PAGE 1 of 1	CUST NO 1004542	YARD # 1718	INVOICE DATE 10/22/2019
INVOICE NUMBER 93072902			

Pratt (620) 672-1201
 B VESS OIL CORPORATION
 I 1700 WATERFRONT PKWY BLDG 500
 L WICHITA
 L KS US 67206
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Colahan A 42
 O LOCATION
 B COUNTY Ellis
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41193393	20920		Net - 30 days	11/21/2019

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 10/20/2019 to 10/20/2019</i>				
0041193393				
171818385A Cement-New Well Casing/Pi 10/20/2019 Cement Surface Casing				
60/40 Poz	225.00	SK	9.99	2,247.75 T
Celloflake	57.00	LB	1.48	84.36 T
Calcium Chloride	582.00	LB	0.37	215.34 T
Depth Charge, 0' 1000'	1.00	HR	444.00	444.00
Light Vehicle Mileage	100.00	MI	1.90	190.00
Heavy Equipment Mileage	200.00	MI	3.12	624.00
Ton Mileage	970.00	MI	1.17	1,134.90
Blending & Mixing Service Charge	225.00	SK	0.56	126.00
Service Supervisor Charge	1.00	EA	75.00	75.00
Driver Charge	3.00	EA	35.00	105.00

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	5,246.35
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	165.58
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	5,411.93
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



BASICSM
ENERGY SERVICES

PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

THM
70

FIELD SERVICE TICKET
1718 18385 A

DATE _____ TICKET NO. _____

DATE OF JOB: 10-20-19	DISTRICT: Pratt	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:			
CUSTOMER: Voss Oil Corporation		LEASE: Colahan A		WELL NO.: 42						
ADDRESS:		COUNTY: Ellis	STATE: KS							
CITY: STATE:		SERVICE CREW: Matt & Mary Kay Ricard								
AUTHORIZED BY:		JOB TYPE: 2-42-8 3/8 SUKAR								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
-20900	.5					ARRIVED AT JOB	10-20	AM	PM	5:30
19860	.5					START OPERATION	10-21	AM	PM	12:00
						FINISH OPERATION		AM	PM	12:00
						RELEASED		AM	PM	1:00
						MILES FROM STATION TO WELL				100

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

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SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
Bc132	60/40 P02	SK	225		6,075 00
CC102	cellulose	lb	57		228 00
CC109	Calcium chloride	lb	582		582 00
CC1	depth charge 0-1000'	hr	1		1,200 00
M-101	Light Veh miles	mi	100		500 00
M-102	Heavy eq miles	mi	200		1,600 00
TM	Ton miles	mi	970		2,910 00
CC240	blend + mix	SK	225		315 00
Bc143	Supervisor	ea	1		75 00
Bc140	Driver	ea	3		105 00
		hr			

SUB TOTAL 13590 -

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		5246 35

SERVICE REPRESENTATIVE: Mike [Signature]	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
FIELD SERVICE ORDER NO. _____	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY VESS OIL CORPORATION		ELEVATIONS	
LEASE COLAHAN 'A' #42		KB 2062'	GL 2057'
FIELD BEMIS		Measurements Are All	
LOCATION 1600' FSL & 1750' FWL		From KB	
SECTION 24	TOWNSHIP 11S	RANGE 17W	API # 15-051-26973
COUNTY ELLIS		STATE KANSAS	
CONTRACTOR MURFIN DRLG, RIG #108		CASING	
SPUD 10/19/2019	COMP 10/24/2019	SURFACE 8 jts 8 5/8" 23#/ft LS	
RTD 3533' (-1471)	LTD n/a	set @ 345' w/250 sx poz, 3%CC, 2%gel	
ELECTRICAL SURVEYS		PRODUCTION 85 jts 5 1/2" 15.5# MW-55	
No Open Hole E-Logs		set @ 3530' w/150 sx AA2.	

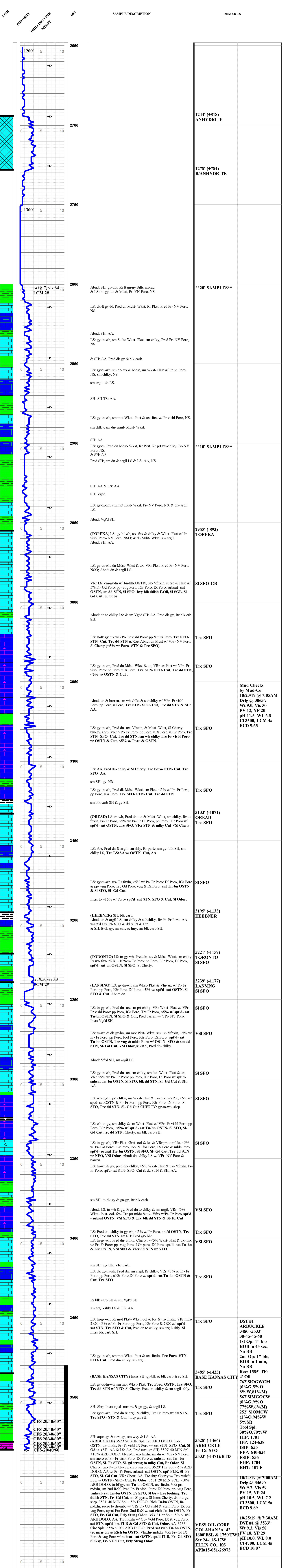
FORMATION TOPS	LOG	SAMPLES	CHRONOLOGY
ANHYDRITE	--	1244' (+818)	10/19/2019- SPUD well @ 10:30 P.M.
B/ANHYDRITE	--	1278' (+784)	10/20/2019- DT & ran 8 jts 8 5/8" casing, set @ 345'. Basic cemented w/225 sx 60/40 poz, 3% gel, 2% CC. Plug down @ 12:30 P.M. Cement did circulate to surface.
TOPEKA	--	2955' (-893)	
OREAD	--	3133' (-1071)	
HEEBNER	--	3195' (-1133)	10/21/2019- Rig down 8 hrs for repairs. DTD 1100' @ 7:00 AM.
TORONTO	--	3221' (-1159)	10/22/2019- DTD 2310' @ 7:00 AM. Mud up @ 2469'.
LANSING	--	3239' (-1177)	
B/KANSAS CITY	--	3485' (-1423)	10/23/2019- DTD 3040' @ 7:00 AM. Mud properties: wt 9.0, vis 50, LCM 4#.
BASAL SIMPSON SD	--	NONE	10/24/2019- DTD 3464' @ 7:00 AM. Mud properties: wt 9.2, vis 59, LCM 5#.
ARBUCKLE	--	3528' (-1466)	10/25/2019- DTD 3533'. Prepare to run DST #1.
RTD/LTD	--	3533' (-1471)	

REMARKS:

10/26/2019- Ran 85 jts 5 1/2", 15.5# MW-55 casing. Set btm of packer shoe @ 3530'. DV tool @ 1267'. Cemented 1st stage w/150 sx AA2 common cement (10% gypsum, 10% salt, 6 ppg gilsonite, 1/4# celloflame, 0.5% F.L.A., 0.5% defoamer)- 15 ppg, 1.49 yield, 6.26 water. Displaced w/ 58 bbl water and 25 bbl mud. Bumped plug w/ 1500#- float equipment held. Plug down @ 5:15 AM.

Dropped DV opening tool, opened & circ'd water w/ rig. Cemented 2nd stage w/ 200 sx A-Con blend, 3% CC, 1/4# celloflame, 11.4 ppg, 2.95 yield, 18.1 water. Bumped plug w/ 2000#- float equipment held. Circ'd cement to cellar.

Respectfully submitted,
Roger L. Martin, Geologist (Wellsite)





Company: Vess Oil Corporation

Lease: Colahan "A" #42

SEC: 24 TWN: 11S RNG: 17W
 County: ELLIS
 State: Kansas
 Drilling Contractor: WW Drilling, LLC - Rig 108
 Elevation: 2067 EGL
 Field Name: Bemis-Shutts
 Pool: Infield
 Job Number: 408
 API #: 15-051-26973-00-00

Operation:
 Uploading recovery & pressures

DATE
 October
25
 2019

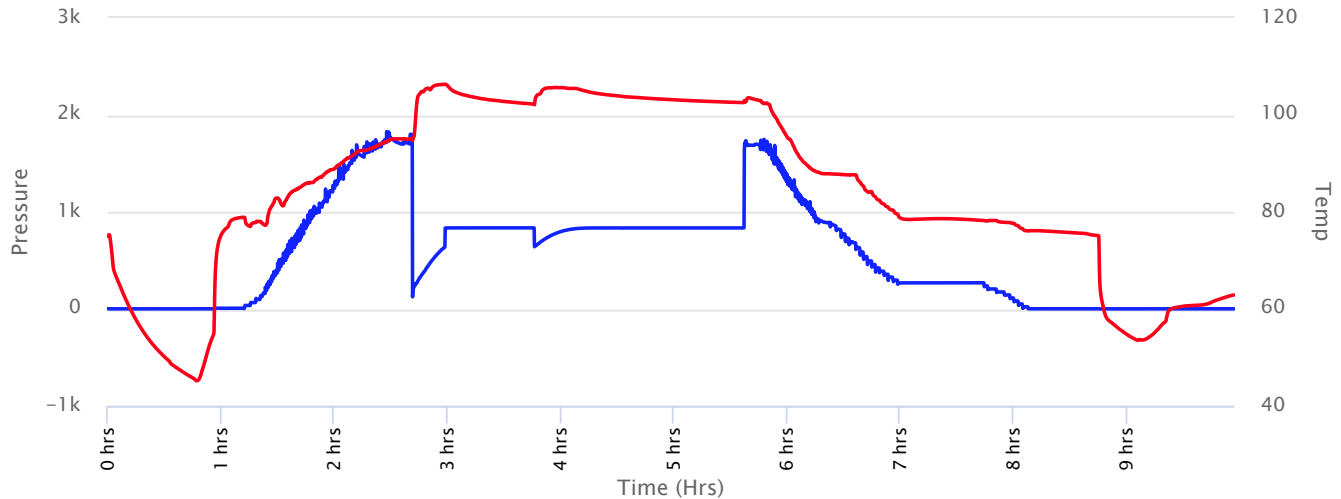
DST #1 **Formation: Arbuckle** **Test Interval: 3480 - 3533'** **Total Depth: 3533'**
 Time On: 03:33 10/25 Time Off: 13:13 10/25
 Time On Bottom: 06:10 10/25 Time Off Bottom: 08:55 10/25



Electronic Volume Estimate:
 2231'

<u>1st Open</u>	1st Close	<u>2nd Open</u>	2nd Close
Minutes: 15	Minutes: 45	Minutes: 45	Minutes: 60
Current Reading: 193" at 15 min	Current Reading: 0" at 45 min	Current Reading: 71.6" at 45 min	Current Reading: 0" at 60 min
Max Reading: 193"	Max Reading: 0"	Max Reading: 93.5"	Max Reading: 0"

Inside Recorder



— Press(Psig) — Temp(F)



Company: Vess Oil Corporation

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SEC: 24 TWN: 11S RNG: 17W
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Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
4	0.05692	O	0	100	0	0
762	10.84326	SLOCSLGCSLWCM	6	5	8	81
567	8.06841	SLMCSLGCSLOCW	8	9	77	6
252	2.4647567	SLOCSLMCW	0	1	94	5

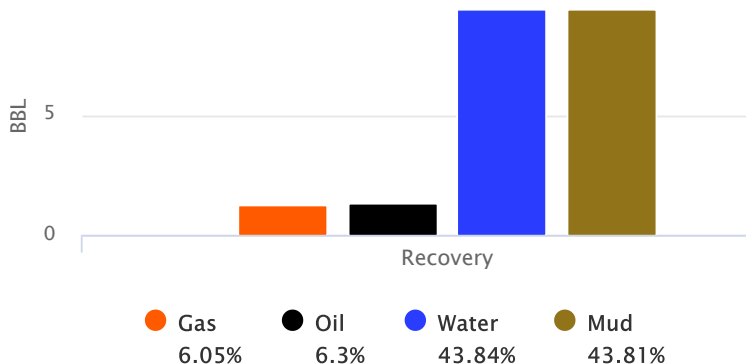
Total Recovered: 1585 ft

Total Barrels Recovered: 21.4333467

Reversed Out
 NO

Initial Hydrostatic Pressure	1701	PSI
Initial Flow	124 to 638	PSI
Initial Closed in Pressure	835	PSI
Final Flow Pressure	640 to 834	PSI
Final Closed in Pressure	835	PSI
Final Hydrostatic Pressure	1704	PSI
Temperature	107	°F
Pressure Change Initial Close / Final Close	0.1	%

Recovery at a glance



GIP cubic foot volume: 7.27678



Company: Vess Oil Corporation

Lease: Colahan "A" #42

SEC: 24 TWN: 11S RNG: 17W
County: ELLIS
State: Kansas
Drilling Contractor: WW Drilling, LLC -
Rig 108
Elevation: 2067 EGL
Field Name: Bemis-Shutts
Pool: Infield
Job Number: 408
API #: 15-051-26973-00-00

Operation:

Uploading recovery &
pressures

DATE

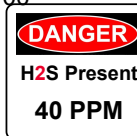
October
25
2019

DST #1 Formation: Arbuckle Test Interval: 3480 -
3533' Total Depth: 3533'

Time On: 03:33 10/25

Time Off: 13:13 10/25

Time On Bottom: 06:10 10/25 Time Off Bottom: 08:55 10/25



BUCKET MEASUREMENT:

Diesel in Bucket

1st Open: 1" Blow. BOB in 45 seconds.

1st Close: NOBB

2nd Open: 1" Blow. BOB in 1 minute.

2nd Close: NOBB

REMARKS:

Tool Sample: 0% Gas 30% Oil 70% Water 0% Mud

Ph: 7

Measured RW: .38 @ 54 degrees °F

RW at Formation Temp: 0.203 @ 107 °F

Chlorides: 25000 ppm

Max H2S Reading: 40 ppm

ATTACHMENT TO ACO-1

Colahan A #42 – API #15-051-26973-0000

1600' FSL & 1750' FWL

Sec 24-11S-17W

Ellis Co, KS

Spud Date: 10/19/2019

Date Reached TD: 10/24/2019

Completion Date:

Colahan A #42 (sample)		
Estimated Tops	KB 2062	
Zone	Depth	(Datum)
T/ ANHYDRITE	1244	(+818)
B/ ANHYDRITE	1278	(+784)
TOPEKA	2955	(-893)
OREAD	3133	(-1071)
HEEBNER	3195	(-1133)
TORONTO	3221	(-1159)
LANSING-KANSAS CITY	3239	(-1177)
B/ KANSAS CITY	3485	(-1423)
BASAL SIMPSON SAND	NONE	NONE
ARBUCKLE	3528	(-1466)
PTD	3533	(-1471)

DST #1:	Arbuckle	
Depth:	3480 - 3533'	
1st Open:	1" Blow. Built to BOB in 45 sec. NOBB on close.	
2nd Open:	1" Blow. BOB in 1 min. NOBB on close.	
Rec:	4' O 762' SLOCSLGC SLWCM (6%G, 5%O, 8%W, 81%M) 567' SLMCSLGC SLOCW (8%G, 9%O, 77%W, 6%M) 252' SLOCSLMCW (1%O, 94%W, 5%M)	
	Total recovery: 1585'; 21.433 bbls	
Tool Sample:	30% O, 70% W	
IHP:	1701 psi	FHP: 1704 psi
IFP:	124-638 psi	FFP: 640-834 psi
ISIP:	835 psi	FSIP: 835 psi
Temp:	107*	