#### KOLAR Document ID: 1573260

Confiden	tiality Re	quested:
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	· DESCRIPTIO	N OF WELL	& LEASE

OPERATOR: License #	API No.:
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.xxxxx) (e.gxxx.xxxxx)
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:
	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?
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	Drilling Fluid Management Plan
Plug Back Liner 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:
	Operator Name:
	Lease Name: License #:
Sourd Data or Data Data Data TD Completion Data or	Quarter Sec TwpS. R East West
Recompletion Date Reached TD Completion Date of 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 Drill Stem Tests Received										
Geologist Report / Mud Logs Received										
UIC Distribution										
ALT I II III Approved by: Date:										

#### KOLAR Document ID: 1573260

Operator Nam	ne:			Lease Name:	Well #:
Sec	Twp	S. R	East West	County:	

Page Two

**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	acate)	Y	′es 🗌 No	[		og Formatio	n (Top), Depth a	and Datum	Sample
Samples Sent to Geolo	aical Survey			1	Name	Э		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:	Logs	□ Y □ Y □ Y	és ☐ No és ☐ No és ☐ No						
		Rep	CASING ort all strings set-c	RECORD	] Ne	w Used	on, etc.		
Purpose of String	Size Hole Drilled	Siz	ze Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
[	1		ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose:	Depth Top Bottom	Туре	e of Cement	# Sacks Use	d		Type and	Percent Additives	
Protect Casing Plug Back TD Plug Off Zone									
<ol> <li>Did you perform a hydra</li> <li>Does the volume of the</li> <li>Was the hydraulic fractu</li> </ol>	aulic fracturing treatme total base fluid of the uring treatment informa	ent on this v hydraulic fr ation submi	vell? acturing treatment tted to the chemic	exceed 350,000 al disclosure regi	gallo stry?	Nes Yes	<ul> <li>No (If No, s</li> <li>No (If No, s</li> <li>No (If No, f</li> </ul>	kip questions 2 ar kip question 3) ill out Page Three	nd 3) of the ACO-1)
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	Producing Meth	iod:		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITION	N OF GAS:		N		MPLE	TION:		PRODUCTIO	ON INTERVAL:
Vented Sold (If vented, Subn	Used on Lease		Open Hole	_ Perf C <i>(S</i>	ually ubmit	Comp. Com ACO-5) (Subn	nit ACO-4)		
Shots Per Per Foot	foration Perfor Top Botte	ation om	Bridge Plug Type	Bridge Plug Set At		Acid,	Fracture, Shot, C (Amount and Ki	ementing Squeezend of Material Used)	Record
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	FourWinds Oil Corporation
Well Name	MARY A UNIT 1
Doc ID	1573260

# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12	8.625	23	222	80/20	180	3%C
Production	7.875	5.5	15.5	3640	QMDC	450	5%



### Scale 1:240 Imperial

	Scale 1.240 Impenal		
Well Name: Surface Location: Bottom Location: API: License Number: Spud Date: Region: Drilling Completed: Surface Coordinates: Bottom Hole Coordinates: Ground Elevation: K.B. Elevation:	MARY A UNIT #1 NE NE NW NW Sec. 28, T5S, R20 15-147-20756 34916 4/6/2021 PHILLIPS COUNTY 4/10/2021 150' FNL & 1250' FWL 2221.00ft 2229.00ft 3080.00ft	W Time: Time:	4:30 PM 2:00 PM
Total Depth: Formation:	3641.00ft GORHAM/ ARBUCKLE/ REAGAN	101	
Drilling Fluid Type:	CHEMICAL		
	OPERATOR		
Company: Address:	FOURWINDS OIL CORPORATION P.O. BOX 1063	l	
Contact Geologist: Contact Phone Nbr: Well Name: Location: API: Bool:	DAN WINDHOLZ (785) 259-8403 MARY A UNIT #1 NE NE NW NW Sec. 28, T5S, R20 15-147-20756	W	DAV
EUUI		FIEIU.	nat i
State:	KS	Country:	
State:	KS	Country:	
State:	KS LOGGED BY	Country:	
Company: Address:	KS LOGGED BY 2511 E 19TH HAYS, KS 67601	Country:	
Company: Address: Phone Nbr: Logged By:	KS LOGGED BY 2511 E 19TH HAYS, KS 67601 (785) 639-0721 Geologist	Country:	CAMERON BRIN
Company: Address: Phone Nbr: Logged By:	KS LOGGED BY 2511 E 19TH HAYS, KS 67601 (785) 639-0721 Geologist	Country: Name:	CAMERON BRIN
Company: Address: Phone Nbr: Logged By: Contractor: Rig #: Rig Type:	KS LOGGED BY 2511 E 19TH HAYS, KS 67601 (785) 639-0721 Geologist CONTRACTOR DISCOVERY DRILLING 4 MUD ROTARY	Name:	CAMERON BRIN
Company: Address: Phone Nbr: Logged By: Contractor: Rig #: Rig Type: Spud Date:	KS LOGGED BY 2511 E 19TH HAYS, KS 67601 (785) 639-0721 Geologist CONTRACTOR DISCOVERY DRILLING 4 MUD ROTARY 4/6/2021	Country: Name:	CAMERON BRIN
Company: Address: Phone Nbr: Logged By: Contractor: Rig #: Rig Type: Spud Date: TD Date: Rig Release:	KS LOGGED BY 2511 E 19TH HAYS, KS 67601 (785) 639-0721 Geologist CONTRACTOR DISCOVERY DRILLING 4 MUD ROTARY 4/6/2021 4/10/2021 4/11/2021	Country: Name: Time: Time: Time: Time:	4:30 PM 2:00 PM 7:15 AM
Company: Address: Phone Nbr: Logged By: Contractor: Rig #: Rig Type: Spud Date: TD Date: Rig Release:	KS LOGGED BY 2511 E 19TH HAYS, KS 67601 (785) 639-0721 Geologist CONTRACTOR DISCOVERY DRILLING 4 MUD ROTARY 4/6/2021 4/10/2021 4/11/2021	Country: Name: Time: Time: Time: Time:	4:30 PM 2:00 PM 7:15 AM
Company: Address: Phone Nbr: Logged By: Contractor: Rig #: Rig Type: Spud Date: TD Date: Rig Release: Well Type:	KS LOGGED BY 2511 E 19TH HAYS, KS 67601 (785) 639-0721 Geologist CONTRACTOR DISCOVERY DRILLING 4 MUD ROTARY 4/6/2021 4/10/2021 4/10/2021 4/11/2021 SURFACE CO-ORDINATES Vertical	Country: Name: Time: Time: Time:	4:30 PM 2:00 PM 7:15 AM
Company: Address: Phone Nbr: Logged By: Contractor: Rig #: Rig Type: Spud Date: TD Date: Rig Release: Well Type: Longitude:	KS LOGGED BY 2511 E 19TH HAYS, KS 67601 (785) 639-0721 Geologist CONTRACTOR DISCOVERY DRILLING 4 MUD ROTARY 4/6/2021 4/10/2021 4/10/2021 4/11/2021 SURFACE CO-ORDINATES Vertical -97.59592 20.55550	Name: Time: Time: Time:	4:30 PM 2:00 PM 7:15 AM
Company: Address: Phone Nbr: Logged By: Contractor: Rig #: Rig Type: Spud Date: TD Date: Rig Release: Well Type: Longitude: Latitude: N/S Co-ord:	KS LOGGED BY 2511 E 19TH HAYS, KS 67601 (785) 639-0721 Geologist CONTRACTOR DISCOVERY DRILLING 4 MUD ROTARY 4/6/2021 4/10/2021 4/10/2021 4/11/2021 SURFACE CO-ORDINATES Vertical -97.59592 39.59592 150' FNL	Country: Name: Time: Time: Time: Time:	4:30 PM 2:00 PM 7:15 AM
Company: Address: Phone Nbr: Logged By: Contractor: Rig #: Rig Type: Spud Date: TD Date: TD Date: Rig Release: Well Type: Longitude: Latitude: N/S Co-ord: E/W Co-ord:	KS LOGGED BY 2511 E 19TH HAYS, KS 67601 (785) 639-0721 Geologist CONTRACTOR DISCOVERY DRILLING 4 MUD ROTARY 4/6/2021 4/10/2021 4/10/2021 4/11/2021 SURFACE CO-ORDINATES Vertical -97.59592 39.59592 150' FNL 1250' FWL	Country: Name: Time: Time: Time:	CAMERON BRIN 4:30 PM 2:00 PM 7:15 AM

K.B. to Ground: 8.00ft

Ground Elevation: 2221.00ft

NOTES

THE MARY A UNIT #1 RAN STRUCTURALLY AS ANTICIPATED. DUE TO POSITIVE RESULTS IN DST #1, DECISION WAS MADE TO RUN 5 1/2" PRODUCTION CASING TO FURTHUR EVALUATE THE MARY A UNIT #1 WELL.

OQA TRI	LOBITE	DRILL STEM	IE9	I KEP	JRI			12100					
1 T	ESTING INC	Fourwinds Oil Corp.			28-	28-5s-20w Phillips,KS							
	Loning, inc	PO Box 1063			Ma	ry A Un	it #1						
		Hays, No 07001			Job	Ticket: 66	6512	DST#:1					
Mode.		ATTN: Cameron Brin			Tes	t Start: 20	021.04.10 @	06:05:00					
GENERAL INFOR	RMATION:												
Formation: Ar	buckle												
Deviated: No	Whipstock:	ft (KB)			Tes	t Type:	Conventional	al Bottom Hol	e (Initial)				
Time Test Ended: 12	28:06				Unit	No:	73						
Interval: 3625	.00 ft (KB) To 364	1.00 ft (KB) (TVD)			Ref	erence Be	evations:	2228.00	ft (KB)				
Total Depth: 3	3641.00 ft (KB) (TV	D)				L/D	00/05	2220.00	ft (CF)				
Hole Diameter:	7.88 inchesHole	Condition: Fair				KBI	to GR/CF:	8.00	π				
Serial #: 6771	Inside												
Press@RunDepth: Start Date:	88.85 psig (	2 3626.00 ft (KB) End Date:		021 04 10	Capacity	: h ·		8000.00	psig				
Start Time:	06:05:01	End Time:	-	12:28:06	Time On	Btm	2021.04.10	@ 08:43:21					
					Time Off	Btm:	2021.04.10	@ 10:37:51					
IN THE		UTA Reporter	1	Time (Min.)	Pressure (psig)	Temp (deg E)	Annotatio	n					
UVI Par	Pressure vs. To	BC S77 Temperaken	_	Time	Pl	RESSUR	RE SUMM	ARY					
179	with		-	(Min.)	(psig)	(deg F)							
	*	1	-	1	28.02	92.79	Open To F	o-static low (1)					
			*	16	57.03	98.54	Shut-In(1)						
	1	Į/	1.1	46	957.69	98.87	End Shut-I	n(1)					
				61	88.85	102.02	Shut-In(2)	IUW (2)					
* = <del>       </del>				113	956.57	101.95	End Shut-I	n(2)					
- / /	F			115	1730.41	99.32	Final Hydro	o-static					
TIVI			-										
•			•										
10 Sat Apr 2021	Time (Ham)	Eng											
·	Recovery					Ga	s Rates						
Length (ft)	Description	Volume (bbl)				Choke (	inches) Pressu	re (psig) Ga	s Rate (Mc6d)				
160.00 GMC0	D 59%o, 28%m, 13%	ig 1.96	- 1										
35.00 CGO	250' 250'	0.49	4										
0.00 GIF =	200	0.00	+										
			11										
			-1										





								тс	PS	S C	OMF	PARIS	50	Ν																	
÷					ſ	•						D&A	6/25	/55				P&A 10	/6/16			D&A 10/24/43									
						VEHIGE B #3						VEH	IGE B	#4				HANSE	N #1				HANSEN FEE #2								
						CITES SERVICES						CITES	SERV	ICES				JOHN O. F	ARM	ER				DANE G. H	IANSE	N TRU	ST				
		MARY A	UNIT #1		NE	NE, SE, NW, Sec. 28, T5S, R20W					NE,	SW, NW, S	ec. 21	8, T5S,	R20V	1	SW,	SW,SW, Sec.	21, TS	5S, R2	0W		SW,	SW, SE, Se	ec. 21	, T5S, I	R20W	6			
	KB	2229	GL	2221	DF		220	00		-	DF	100	2	203			KB		21	.95					2	171					
	LOG	TOPS	SAMP	LE TOPS	CON	IP CARD	LC	DG	SM	PL.	COM	. CARD	L	OG	SIV	IPL.	LO	GS	L	OG	SIV	1PL.	STRI	LOG	LC	DG	SM	PL.			
FORMATION	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	CO	RR.	CO	RR.	DEPTH	DATUM	CC	DRR.	CO	RR.	DEPTH	DATUM	CC	DRR.	CO	RR.	DEPTH	DATUM	CO	RR.	CO	RR.			
ANHYDRITE TOP	1757	472	1759	470	1722	478	-	6	-	8	<u> </u>						1722	473	-	1	-	3									
BASE	1786	443	1787	442										i i			1752	443	+	0	-	1									
ΤΟΡΕΚΑ	3157	-928	3159	-930													3129	-934	+	6	+	4									
HEEBNER SHALE	3351	-1122	3354	-1125	3317	-1117		5	120	8							3324	-1129	+	7	+	4	3314	-1143	+	21	+	18			
TORONTO	3375	-1146	3374	-1145							3355	-1152	+	6	+	7	3348	-1153	+	7	+	8	3343	-1172	+	26	+	27			
LKC	3393	-1164	3394	-1165	3358	-1158		6		7	3374	-1171	+	7	+	6	3365	-1170	+	6	+	5	3353	-1182	+	18	+	17			
BKC	3585	-1356	3587	-1358							3568	-1365	+	9	+	7	3560	-1365	+	9	+	7	3554	-1383	+	27	+	25			
GORHAM SAND			3636	-1407	3601	-1401				6	3626	-1423			+	16												_			
ARBUCKLE			3639	-1410	3604	-1404				6							3611	-1416			+	6	3657	-1486			+	76			
REAGAN SAND											3628	-1425					3618	-1423													
GRANITE WASH											3705	-1502																			
TOTAL DEPTH	3636	-1407	3641	-1412	3617	-1417	+	10	+	5	3710	-1507	+	100	+	95	3688	-1493	+	86	+	81	3660	-1489	+	82	+	77			



MINERAL . Sandy FOSSIL F Fossils < 20% ♦ Oolite

# ACCESSORIES

STRINGER

Conglomerate

carb shale

=







					Lm- crm, v. fnxln-fnxln, oolitic, few scat pcs w/ pr infoss por, NSO BKC: SPL 3587' (-1358) LOG 3585' (-1356)	
0	ROP (m	in/ft)	5 3600		Sh- red, gray, muddy wash, sandy, trashy	
	$\langle \rangle$		- 3610		A/A	
	$\left\{ \right\}$		- 3620		A/A	
	- 1	S T	- 3630		Lm- brn-crm, fnxln-mdgrn, mostly dnse, conglomerate in part	
		# CFS @ 3639 CFS @ 3641	 3640 	3 3	GORHAM SAND: SPL 3636' (-1407) Ss- wt, fngrn, mix of calcite and dolomitic cementation, mostly tight and well consolidated, well rounded, fr FO sheen in spl, gd odor	SURVEY @ 3641' (1 °)
			- 3650 -		Dolo-wt, fnxln-fngrn, glaucanite inclusions throughout, few scat small rhombic crystals, pr-fr inxln por, scat fr brn stn, scat fr sat, fr-gd SFO in spl and cup, gas bubbles when heated, gd odor	
			- 3660 -		RTD: SPL 3641' (-1412) LOG 3636' (-1407)	GEO OFF LOCATION @ 7:30 PM 4/10/21
			3670		THERE WAS APPROXIMATELY 3-4' OF FILL ON THE BOTTOM	
			3680		OF THE HOLE CAUSING THE LOGGING TOOL TO LAND SHORT OF RTD	
			3690			
			F			

	DRILL STEM TEST REPORT						
TESTING, INC	Fourw inds Oil Corp.	28/5s	28/5s/20w Phillips KS				
	PO Box 1063	Mary A Unit #1					
	Hays, KS 67601		Job Ticket: 66512		12 <b>D</b> S	ST#: 1	
NOX .	ATTN: Cameron Brin		Test S	Start: 2021	1.04.10 @ 06:05	:00	
GENERAL INFORMATION:							
Formation:ArbuckleDeviated:NoWhipstock:Time Tool Opened:08:43:36Time Test Ended:12:28:06	ft (KB)		Test T Tester Unit No	Гуре: Со r: Jar lo: 73	nventional Botto mes Winder	m Hole (Initial)	
Interval: 3625.00 ft (KB) To 3	641.00 ft (KB) (TVD)		Refere	ence ⊟eva	ations: 222	8.00 ft (KB)	
Hole Diameter: 7.88 inches Ho	v D) le Condition: Fair			KB to (	222 GR/CF:	0.00 ft(CF) 8.00 ft	
Serial #: 6771         Inside           Press@RunDepth:         88.85 psig @ 3626.00 ft (KB)         Capacity:         8000.00 psig           Start Date:         2021.04.10         End Date:         2021.04.10         Last Calib.:         2021.04.10           Start Time:         06:05:01         End Time:         12:28:06         Time On Btm:         2021.04.10 @ 08:43:21           Time Off Btm:         2021.04.10 @ 10:37:51         Time Off Btm:         2021.04.10 @ 10:37:51           TEST COMMENT:         15 - IF: Blow built to BOB (11") at 12 1/2 min., built to 14"         30 - ISI: Blow back built to 1"         15 - FF: Blow built to BOB at 11 min., built to 17"         45 - FSI: Blow back built to 1 1/4"							
Pressure vs.	Time	PRESSURE SUMMARY					
	Trimentorial (dag )	Time (Min.) 0 1 16 46 47 61 113 115	Pressure (psig) ( 1769.50 28.02 57.03 957.69 63.14 88.85 956.57 1730.41	Temp (deg F) 92.79 lr 92.21 C 98.54 S 98.87 E 98.31 C 102.02 S 101.95 E 99.32 F	Annotation nitial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static		
Recovery			Gas Rates				
Length (ft) Description	Volume (bbl)			Choke (inch	nes) Pressure (psig)	Gas Rate (Mcf/d)	
35.00 CGO 86%o. 14%a	0.49						
0.00 GIP = 250'	0.00						

	DRILL STEM TEST REPORT						
TESTING, INC	Fourw inds Oil Corp.	28/5s/20w	28/5s/20w Phillips KS				
	PO Box 1063		Mary A Unit #1				
	Hays, KS 67601		Job Ticket:	66512	DST#: 1		
	ATTN: Cameron Brin		Test Start: 2	2021.04.10 @	06:05:00		
GENERAL INFORMATION:	1						
Formation:ArbuckleDeviated:NoWhipstock:Time Tool Opened:08:43:36Time Test Ended:12:28:06	ft (KB)		Test Type: Tester: Unit No:	Conventiona James Windo 73	ll Bottom Hole (Initial) er		
Interval: 3625.00 ft (KB) To 3	641.00 ft (KB) (TVD)		Reference E	evations:	2228.00 ft (KB)		
Hole Diameter: 7.88 inches Ho	v D) e Condition: Fair		KE	B to GR/CF:	2220.00 ft (CF) 8.00 ft		
Serial #: 8367OutsidePress@RunDepth:psigStart Date:2021.04.10Start Time:06:05:01	<ul> <li>@ 3626.00 ft (KB)</li> <li>End Date:</li> <li>End Time:</li> </ul>	2021.04.10 12:27:36	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2021.04.10		
TEST COMMENT: 15 - IF: Blow built to BOB (11") at 12 1/2 min., built to 14" 30 - ISI: Blow back built to 1" 15 - FF: Blow built to BOB at 11 min., built to 17" 45 - FSI: Blow back built to 1 1/4"							
Pressure vs.	530 Empendere	Time	PRESSU Pressure Temp				
		(Min.)	(psig) (deg F				
Recovery			G	as Rates			
Length (ft) Description	Volume (bbl)		Choke	e (inches) Pressu	re (psig) Gas Rate (Mcf/d)		
GMCO 59%o, 28%m, 13	1.96						
0.00 GIP = 250'	0.00						
	<b>  </b>						

10D		DRILL STEM TEST REPORT FLUID SUMM				LUID SUMMARY		
TESTING, INC		Fourw	Fourw inds Oil Corp.		28/5s/20w Phillips KS			
		PO Box 1063		Mary A U				
		Hays, KS 67601		Job Ticket: 66512		DST#:1		
No.		ATTN:	Cameron Brin	Test Start: 2	2021.04.10 @ 06:	05:00		
Mud and C	ushion Information							
Mud Type: 0	Gel Chem		Cushion Type:		Oil API:	30.8 deg API		
Mud Weight:	9.00 lb/gal		Cushion Length:	ft	Water Salinity:	ppm		
Viscosity:	56.00 sec/qt		Cushion Volume:	bbl				
Water Loss:	7.98 in <sup>3</sup>		Gas Cushion Type:					
Resistivity:	ohm.m		Gas Cushion Pressure:	psig				
Salinity:	1000.00 ppm							
Filter Cake:	1.00 inches							
Recovery I	nformation		Recovery Table					
	Leno	th	Description	Volume	7			
	fť	400.00		bbl				
		160.00	GMCO 59%o, 28%m, 13%g	1.96	2			
		35.00	CIP - 250'	0.49				
		0.00		0.00	의			
	Iotal Length:	195	.00 ft Total Volume: 2.453 bbl					
	Num Fluid Sam	oles: 0	Num Gas Bombs: 0	Serial #	<u>+:</u>			
	Laboratory Nar	ne:	Laboratory Location:					
	Recovery Com	ments: Gr	avity = 32.4 api @ 76 deg F_Corrected Gravi	ty = 30.8 api				



1 :nedmul/ test TBD



(shours) emiT

Ref. No: 66512

Trilobite Testing, Inc

10 Sat Apr 2021



Ref. No: 66512

Calculated Recovery Analysis - Fourwinds - Mary A Unit #1 - DST#1



0% Water 0.00 BPD

Phone 785-483-1071	Home Office	P.O. Box 32 Ru	ssell, KS 67665	No.	2197			
Cell 785-324-1041	Sec. Twp. Range	County Dhillio s	State	On Location	Finish			
diwold the and number	ed integrand by to even a test	Location Location	ar N/Rana is	a ilal to la	2/ CAMPRO			
Lease Man AI	Init Well No /	Owner	3/41.)		ing course			
Contractor Scours	1#4	To Quality (	To Quality Oilwell Cementing, Inc.					
Type Joh Sun ale	s light wat 2 APMAR tert as	You are her cementer a	reby requested to ren nd helper to assist ov	nt cementing equipment wher or contractor to do	work as listed.			
Hole Size 1214	тр 272	Charge	Loury gind's	in they have been been ens	inaninese sirti vilar			
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Phone 785-483-1071 Cell 785-324-1041	Home Office P.O	. Box 32 Ru	ussell, KS 67665	۲ No.	2278		
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