Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1268292

Form ACO-1 November 2016 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
City:	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
Oil ☐ WSW ☐ SWD	Producing Formation:
Gas DH EOR	Elevation: Ground: Kelly Bushing:
OG GSW	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	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Committee Downsite #1	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of fluid disposal if fluided offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West
Recompletion Date 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 Approved by: Date:						

Page Two

1268292

Operator Name:							_ Lease	Name: _				V	/ell #:	
Sec Tv	vp	S. R		East	Wes	it	Count	y:						
open and closed and flow rates if	d, flowing an gas to surfa ity Log, Fin	nd shut- ace test al Logs	in pressu , along wi run to ob	res, whe ith final c tain Geo	ther shut chart(s). In physical	-in pre Attach Data a	ssure rea extra she and Final E	ched stat et if more Electric Lo	c level space	, hydrosta e is needed	tic pressures d.	s, bottor	n hole tempe	val tested, time tool erature, fluid recovery, v. Digital electronic log
Drill Stem Tests (Attach Addi	Taken	;)		Y	es 🔲 I	No		L	.og	Formatio	on (Top), Dep	oth and	Datum	Sample
Samples Sent to		•	/	Y	es 🔲 l	No		Nam	е				Тор	Datum
Cores Taken Electric Log Rur Geolgist Report List All E. Logs I	/ Mud Logs	3			es 🔲 I	No No No								
List All L. Logs I	iuii.													
				Repo			RECORD conductor, s			Used ite, producti	on, etc.			
Purpose of S	tring	Size H Drille			e Casing t (In O.D.)			ight ./ Ft.		Setting Depth	Type of Cemen		# Sacks Used	Type and Percent Additives
					ADDIT	IONAL	CEMENT	ING / SQL	JEEZE	RECORD				
Purpose: Perforate Protect Complete Plug Back		Dept Top Bo		Туре	of Cemen	nt	# Sack	s Used			Туре	and Per	cent Additives	
Plug Off Z														
Did you perform Does the volum Was the hydrau	ne of the total	base flui	id of the hy	draulic fra	acturing tre					Yes Yes Yes	□ No (If N	Vo, skip o	questions 2 an question 3) t Page Three (·
Date of first Produ	uction/Injection	on or Res	umed Prod	duction/	Producir Flow	•	nod:	na 🗆	Gas Li	ft \square C	Other (Explain) .			
Estimated Produ Per 24 Hours		C	Dil Bl	bls.	Gas		Mcf	Wat			bls.	Gas	s-Oil Ratio	Gravity
DIED	OSITION OF	- CAS:					AETHOD O	E COMPLI	TION:				PRODUCTIO	ON INTERVAL:
Vented	Sold	Used or	n Lease		Open Hole		METHOD O	Dually	Comp. ACO-5		nmingled mit ACO-4)		Тор	Bottom
	ed, Submit AC									•				
Shots Per Foot	Perforat Top	ion	Perforati Botton		Bridge Plu Type	ug	Bridge Pl Set At			Acid,	Fracture, Sho (Amount and		nting Squeeze Material Used)	Record
TUBING RECOP	RD:	Size:		Set At:			Packer At:							

Form	ACO1 - Well Completion
Operator	Mikol Oil LLC
Well Name	Townley 1-17
Doc ID	1268292

All Electric Logs Run

Dual Induction
Compensated Density Neutron
Micro Resistivity
Borehole Compensated Sonic
Cement Bond

Form	ACO1 - Well Completion
Operator	Mikol Oil LLC
Well Name	Townley 1-17
Doc ID	1268292

Tops

Name	Тор	Datum
Top Anhydrite	1230	+702
Base Anhydrite	1263	+669
Topeka	2812	-880
Heebner	3029	-1097
Toronto	3050	-1118
LKC	3071	-1139
ВКС	3324	-1392
Arbuckle	3434	-1502

Form	ACO1 - Well Completion
Operator	Mikol Oil LLC
Well Name	Townley 1-17
Doc ID	1268292

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	220	Common		2%gel,3% CC
Production	7.875	5.5	15.5	3482	EA-2	130	5%Calseal ,2% salt

Marc A. Downing Consulting Petroleum Geologist Drilling Time and Sample Log Operator Mikol Oil LLC Lease Townley Drilling Contractor Commenced 7-29-15 Completed 8-4-15 Samples Saved From 2950 To RTD Drilling Time Kept From 2950 To RTD Samples Examined From 2950 To RTD Geological Supervision From 2850 To RTD Geological Supervision From 2850 To RTD Flevation KB 1932 DF 1930 GL 1924	Chert Dolomite Chert Dolomite Vis. 52 W. 8.4 Vis. 52 W. 8.4 2435-2455 34-30-30-30 E.F. Dead Flush, Dead FE. 12.1	1FP: 13-14 FFP: 14-14 \$10, 95 - 1314 Rec: 16' m 6HT: 95° 8HT: 95° 3059-3144 45-45-45 1.F. 7%. F.F. 9%.	EFF: 14-54 FFF: 53-75 512: 913-874 HF: 1480-1452 Rec: 110' GIP 150-45	DST #4 3244-3343 30-30-30 I.F54, Died in Smin F.F. Dead, Flush, Dead IFP, 14-21 F.F. 22-27 SIP, 772-476 HP: 1595-1559 Rec.: 15' M BHT: 1245	Mani
API # 15-163-24302-0000 Field Wildcat Location 640' FNL & 277' FEL Sec. 17 Twp. 8s Rge. 16w CNDL, DIL, County Rooks State Kansas Formation Sample tops Log Tops Base Anhydrite 1235 1230 +702 NA Base Anhydrite 1264 1263 +669 NA Elsing Record Surface Summary and Recommendations Due to structural position, DST recovery, and log evaluation, it was decided to set 5 1/2" production casing for completion. Perforations: LKC G: 3174-3176 LKC G: 3174-3176 LKC F: 3164-3166 LKC D: 3129-3131	SAMPLE DESCRIPTIONS SAMPLE DESCRIPTIONS SAMPLE DESCRIPTIONS SL: dck 3:3 54: dck 3:3 554: dck 3:3 554: dck 3:3 55555555555555555555555555555555555	5hidek 350, no diffy dolong 3d ppe ul smil 2000, slily dolong 15 mil 2000, slily dolong 15 mil 2000, slily dolong 15 mil 2000, slily	5 L.S. why, France Span, pr Span in press, No Dal in press, No Dal in press, No Dal in press, No Dal in prints large stand of the stand	Totally barran, No Chillay. Totally barran, No Chillay. List with the Manday. List with the Manday. Sh. 357 List with maring and scart fast. Exist all maring and scart fast. Sh. 377 List with maring and scart fast. Exist all maring and scart fast. Sh. 377 List with maring and scart fast. Sh. 377 List with the Lan, for Man Styly Sh. 47. List with for Lan, for Man. List with for Man, for Man. List with for Man, chilly. List with for the Man. List with for Man, chilly. List with for Man, chilly.	Scat ten - wht Fn suckle dole Much tent tent tenterte cally 15, Scat 34, Den. As. Much AlA, Framt chtz dole. Subxln-chilks LS. Dole: wht, md-liz rhan xln Fr vaga, All Als. Scat wht & gel chts.
Topeka 2814 2812 -880 -20	hydrite Salt Sandstone 10" 15" 2740 2840	Hecomes Sassitility Sass	3000 (HITS) STOCK	(4.393) (4.393	Arbuckle 50 (1501) 3433(-1501) 50 (150) 50



Mikol Oil LLC

17-8S-16W Rooks, KS

1407 Washington Cir.

Townley #1-17

Tester:

Hays, KS 67601

Job Ticket: 34533 **DST#:1**

Brannan Lonsdale

ATTN: Marc Downing

Test Start: 2015.08.01 @ 11:28:23

GENERAL INFORMATION:

Formation: Topeka

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

Time Tool Opened: 14:01:53
Time Test Ended: 17:27:53

17:27:53 Unit No: 62

 Interval:
 2835.00 ft (KB) To
 2855.00 ft (KB) (TVD)
 Reference Elevations:
 1932.00 ft (KB)

 Total Depth:
 2855.00 ft (KB) (TVD)
 1924.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8655 Outside

Press@RunDepth: 16.17 psig @ 2852.00 ft (KB) Capacity: 8000.00 psig

 Start Date:
 2015.08.01
 End Date:
 2015.08.01
 Last Calib.:
 2015.08.01

 Start Time:
 11:28:24
 End Time:
 17:27:53
 Time On Btm:
 2015.08.01 @ 14:01:23

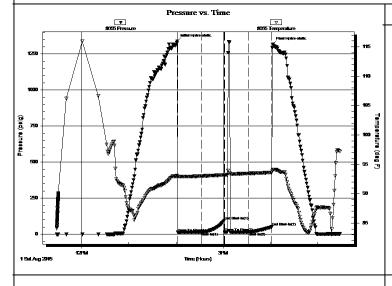
 Time Off Btm:
 2015.08.01 @ 16:02:53

TEST COMMENT: 30- IF- Dead blow

30- ISI- No blow

30- FF- No blow Flushed tool No blow

30- FSI- No blow



PRESSURE SUMMARY Time Pressure Temp Annotation (Min.) (psig) (deg F)

TITLE	11033410	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1337.93	93.07	Initial Hydro-static
1	12.98	92.88	Open To Flow (1)
31	15.89	93.01	Shut-In(1)
60	95.32	93.19	End Shut-In(1)
61	14.43	93.19	Open To Flow (2)
91	16.17	93.45	Shut-In(2)
120	51.46	93.61	End Shut-In(2)
122	1316.36	94.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	М	0.05

Gas Rates

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

Trilobite Testing, Inc Ref. No: 34533 Printed: 2015.08.01 @ 22:53:38



FLUID SUMMARY

Mikol Oil LLC

17-8S-16W Rooks, KS

1407 Washington Cir. Hays, KS 67601 Townley #1-17

Serial #:

Job Ticket: 34533

DST#:1

ATTN: Marc Downing

Test Start: 2015.08.01 @ 11:28:23

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil A Pl:deg A PlMud Weight:8.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 52.00 sec/qt Cushion Volume: bbl

7.20 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 2500.00 ppm Filter Cake: inches

Recovery Information

Water Loss:

Recovery Table

Length ft	Description	Volume bbl
10.00	M	0.049

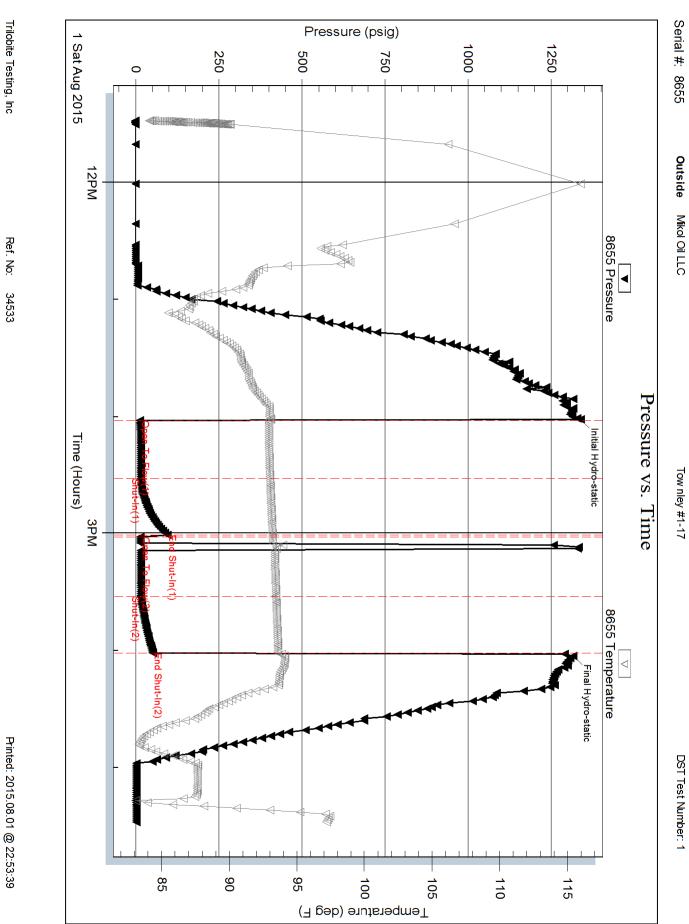
Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 34533 Printed: 2015.08.01 @ 22:53:38



Tow nley #1-17

DST Test Number: 1



Mikol Oil LLC

17-8S-16W Rooks, KS

1407 Washington Cir. Hays, KS 67601

Townley #1-17

Job Ticket: 34534

DST#: 2

ATTN: Marc Downing

Test Start: 2015.08.02 @ 12:46:11

GENERAL INFORMATION:

Formation: LKC "A-D"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:17:11 Time Test Ended: 18:49:41

3059.00 ft (KB) To 3144.00 ft (KB) (TVD) Interval:

Total Depth: 3144.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair Hole Diameter:

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 62

Reference Elevations:

1932.00 ft (KB)

1924.00 ft (CF) KB to GR/CF: 8.00 ft

Serial #: 8655 Outside

Press@RunDepth: 3078.00 ft (KB) 75.47 psig @

Start Date: 2015.08.02 End Date:

2015.08.02

Capacity: Last Calib.: 8000.00 psig

Start Time: 12:46:12 End Time:

18:49:41

Time On Btm:

2015.08.02 2015.08.02 @ 14:15:41

Time Off Btm:

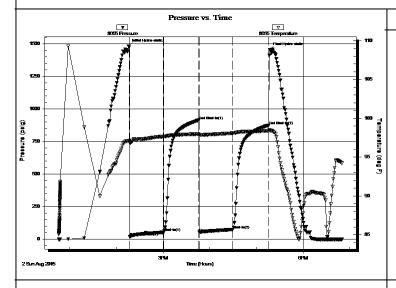
2015.08.02 @ 17:17:11

TEST COMMENT: 45- IF- Slow ly built to 7.5"

45- ISI- No blow

45- FF- Slow ly built to 9.5"

45- FSI- No blow



Р	RESSUR	RE SUMMARY
sure	Temp	Annotation

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1480.43	97.08	Initial Hydro-static
2	18.43	96.80	Open To Flow (1)
45	53.50	97.65	Shut-In(1)
90	913.36	97.97	End Shut-In(1)
91	52.58	97.81	Open To Flow (2)
134	75.47	98.09	Shut-In(2)
180	874.17	98.38	End Shut-In(2)
182	1452.33	98.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
140.00	GSWOCM, 10%G 10%W 25%O 55%M	1.69
0.00	110' GIP	0.00
* Recovery from mult	iple tests	

Gas Rates

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

Trilobite Testing, Inc Ref. No: 34534 Printed: 2015.08.03 @ 00:06:49



FLUID SUMMARY

ppm

Mikol Oil LLC 17-8S-16W Rooks, KS

1407 Washington Cir. Townley #1-17

Hays, KS 67601 Job Ticket: 34534 **DST#:2**

ATTN: Marc Downing Test Start: 2015.08.02 @ 12:46:11

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API

Mud Weight: 9.00 lb/gal Cushion Length: ft Water Salinity:

Viscosity:47.00 sec/qtCushion Volume:bblWater Loss:8.79 in³Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 3000.00 ppm
Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
140.00	GSWOCM, 10%G 10%W 25%O 55%M	1.688
0.00	110' GIP	0.000

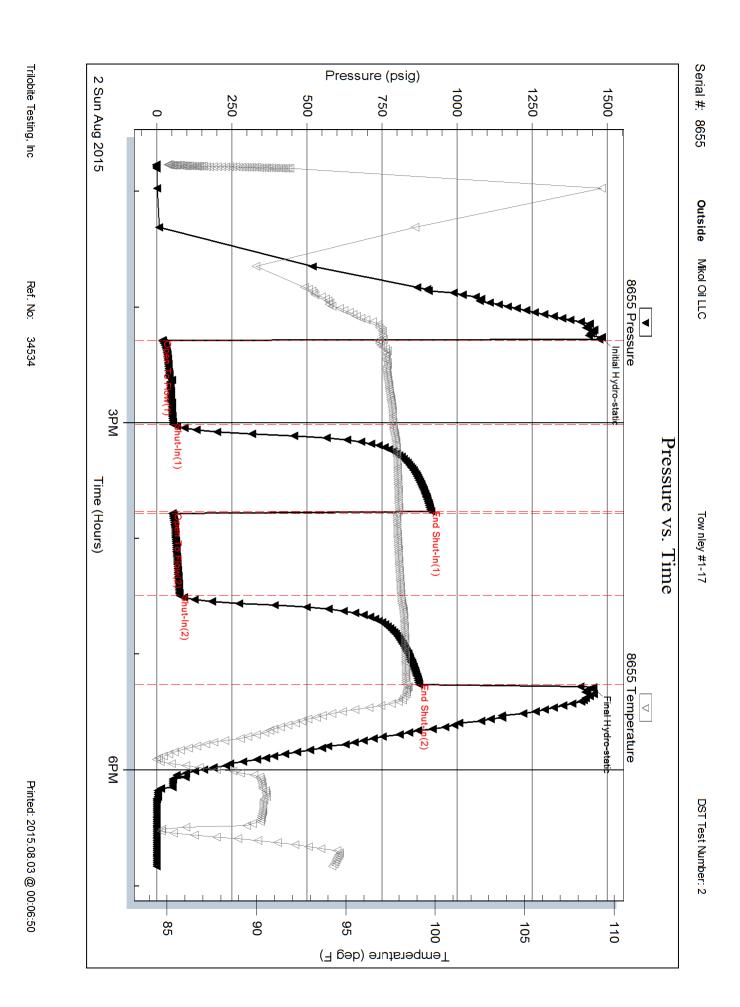
Total Length: 140.00 ft Total Volume: 1.688 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 34534 Printed: 2015.08.03 @ 00:06:50





Mikol Oil LLC

17-8S-16W Rooks, KS

1407 Washington Cir. Hays, KS 67601

Townley #1-17

Job Ticket: 34535

DST#: 3

ATTN: Marc Downing

Test Start: 2015.08.03 @ 01:37:33

GENERAL INFORMATION:

Formation: LKC "E-G"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:07:03 Time Test Ended: 07:38:33

Interval:

3142.00 ft (KB) To 3180.00 ft (KB) (TVD)

Total Depth: 3180.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair Hole Diameter:

Test Type: Conventional Bottom Hole (Reset) Brannan Lonsdale

62

Reference Elevations:

1932.00 ft (KB)

1924.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8655 Outside

Press@RunDepth: 125.12 psig @ 3146.00 ft (KB)

Start Date: 2015.08.03 Start Time: 01:37:34

End Date: End Time:

2015.08.03 07:38:33

Capacity: Last Calib.:

Tester:

Unit No:

8000.00 psig 2015.08.03

Time On Btm:

2015.08.03 @ 03:06:33

Time Off Btm:

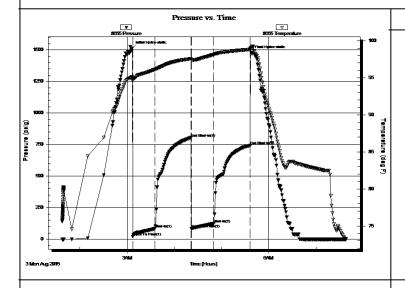
2015.08.03 @ 05:38:03

TEST COMMENT: 30- IF- BOB 12 mins

45- ISI- Surface blow died in 6 mins

30- FF- BOB 13 mins

45- FSI- Half inch blow throughout



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1511.72	95.12	Initial Hydro-static
1	21.11	94.56	Open To Flow (1)
29	83.43	96.11	Shut-In(1)
75	804.47	97.55	End Shut-In(1)
76	85.49	97.42	Open To Flow (2)
104	125.12	98.11	Shut-In(2)
150	744.17	98.81	End Shut-In(2)
152	1476.27	99.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)				
280.00	VGSWMCO, 25%G 45%O 10%W 20%N	Л 3.67				
0.00	445' GIP	0.00				
* Recovery from multiple tests						

Gas Rates

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

Printed: 2015.08.03 @ 08:00:38 Trilobite Testing, Inc Ref. No: 34535



FLUID SUMMARY

ppm

Mikol Oil LLC 17-8S-16W Rooks, KS

1407 Washington Cir. **Townley #1-17**

Hays, KS 67601 Job Ticket: 34535 **DST#: 3**

ATTN: Marc Downing Test Start: 2015.08.03 @ 01:37:33

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: 34 deg API

Mud Weight: 9.00 lb/gal Cushion Length: ft Water Salinity: Viscosity: 49.00 sec/qt Cushion Volume: bbl

Weter Lead: 0.50 in3 Cas Cushion Type:

Water Loss: 9.59 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 10000.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
280.00	VGSWMCO, 25%G 45%O 10%W 20%M	3.673
0.00	445' GIP	0.000

Total Length: 280.00 ft Total Volume: 3.673 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 34535 Printed: 2015.08.03 @ 08:00:39

90

85

Temperature (deg F)

95

100

75

80



Mikol Oil LLC

17-8S-16W Rooks, KS

1407 Washington Cir. Hays, KS 67601

Townley #1-17

Job Ticket: 34536

DST#: 4

ATTN: Marc Downing

Test Start: 2015.08.03 @ 19:11:36

GENERAL INFORMATION:

Formation: LKC "K"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:50:36 Time Test Ended: 00:09:36

Interval:

3264.00 ft (KB) To 3303.00 ft (KB) (TVD)

Total Depth: 3303.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair Hole Diameter:

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale Unit No: 62

1932.00 ft (KB)

Reference Elevations: 1924.00 ft (CF)

> KB to GR/CF: 8.00 ft

Serial #: 8655 Outside

Press@RunDepth: 27.00 psig @ 3268.00 ft (KB) Start Date: 2015.08.03 End Date:

Start Time: End Time: 19:11:37

Capacity: Last Calib.: 8000.00 psig

2015.08.04 2015.08.04 00:09:36 Time On Btm: 2015.08.03 @ 20:49:36

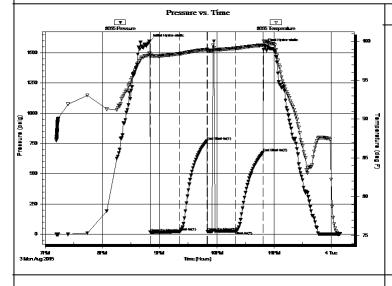
> Time Off Btm: 2015.08.03 @ 22:50:06

TEST COMMENT: 30- IF- Surface blow died in 5mins

30- ISI- No blow

30- FF- No blow Flushed tool No blow

30- FSI- No blow



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1594.61	98.48	Initial Hydro-static
1	15.83	98.21	Open To Flow (1)
31	21.14	98.40	Shut-In(1)
60	771.56	98.95	End Shut-In(1)
61	22.33	98.78	Open To Flow (2)
90	27.00	99.11	Shut-In(2)
119	675.66	99.51	End Shut-In(2)
121	1558.55	99.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)	
15.00	M	0.07	
* Recovery from mu	tiple tests		

Gas Rates

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

Printed: 2015.08.04 @ 13:03:17 Trilobite Testing, Inc Ref. No: 34536



FLUID SUMMARY

ppm

Mikol Oil LLC 17-8S-16W Rooks, KS

1407 Washington Cir. Townley #1-17

Hays, KS 67601 Job Ticket: 34536 DST#: 4

ATTN: Marc Downing Test Start: 2015.08.03 @ 19:11:36

Serial #:

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API Water Salinity:

Mud Weight: Cushion Length: 9.00 lb/gal ft Viscosity: Cushion Volume: bbl

51.00 sec/qt

Water Loss: 7.99 in³ Gas Cushion Type:

Resistivity: Gas Cushion Pressure: ohm.m psig

Salinity: 5000.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	М	0.074

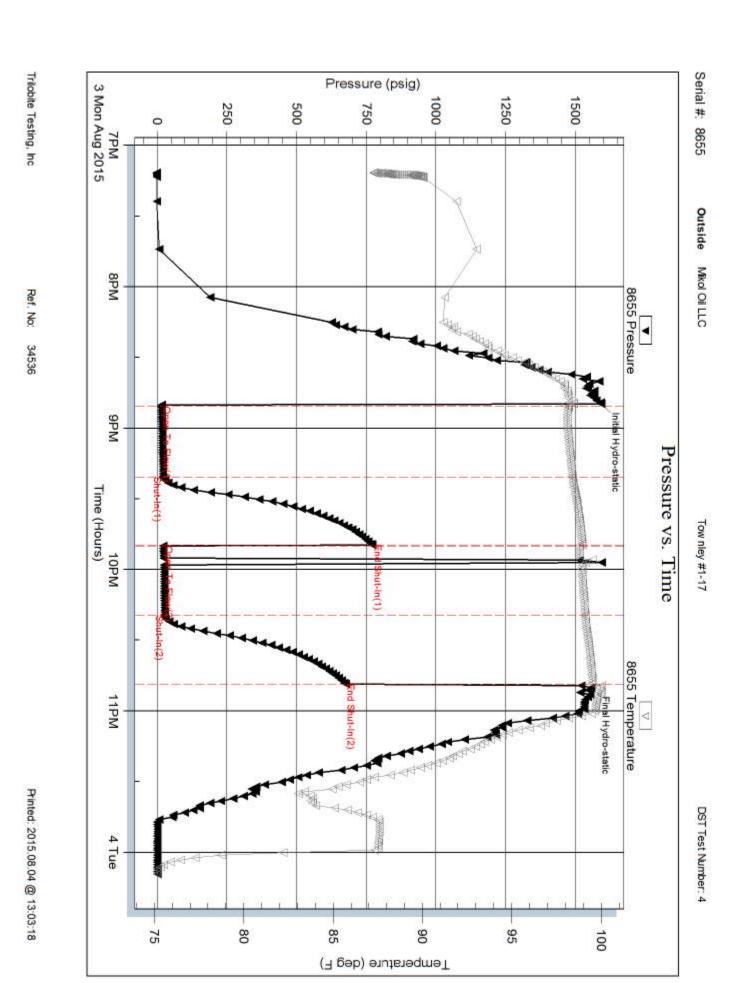
Total Volume: 0.074 bbl Total Length: 15.00 ft

Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 34536 Printed: 2015.08.04 @ 13:03:18



QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107 1173 Home Office P.O. Box 32 Russell, KS 67665 Phone 785-483-2025 Cell 785-324-1041 Finish On Location State County Range Twp. Sec. Well No. Owner To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. T.D. To Hole Size Depth Street State City Depth 1 Tbg. Size The above was done to satisfaction and supervision of owner agent or contractor Depth Cement Amount Ordered Shoe Joint Cement Left in Csg Displace Meas Line **EQUIPMENT** Common Cementer No. Poz. Mix Helper Pumptrk Driver No. Gel. Bulktrk Driver Driver No. Calcium Driver JOB SERVICES & REMARKS Hulls Salt Remarks: Flowseal Rat Hole Kol-Seal Mouse Hole Mud CLR 48 Centralizers CFL-117 or CD110 CAF 38 **Baskets** Sand D/V or Port Collar Handling Mileage FLOAT EQUIPMENT

> Guide Shoe Centralizer Baskets AFU Inserts Float Shoe Latch Down

Pumptrk Charge

Mileage

X Signature part callo

Tax

Discount Total Charge

TY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665 No. 1171

Cell 785-324-1041		7.300				T
Date 7-29-15 17	Twp. Range	Rox	County	State	On Location	4.30Pm
		Location	on Nutoma	wto Rd2	6 N to PRd	IE NINTO
Lease HOWN/ey	Well No. 1-1	17	Owner			
Contractor Discours	4		Vou are hereby	vell Cementing, Ind y requested to ren	t cementing equipme	nt and furnish
Type Job Surface	101		cementer and helper to assist owner or contractor to do work as listed.			
Hole Size 12 14	T.D. 221		Charge Mikeloi			
Csg. 85/8	Depth 220		Street			
Tbg. Size	Depth	Ex To Hill (City	V n 18 kied in	State	
Tool	Depth				and supervision of owner	er agent or contractor.
Cement Left in Csg. 15	Shoe Joint 15		Cement Amou	nt Ordered 150) sts /00 St	cc 210ge)
Meas Line	Displace 366	15.				
EQUIP	MENT	ha movedo	Common /2	0	A Brahmad Car	
Pumptrk /7 No. Cementer Helper	Rick		Poz. Mix 3	0		
Bulktrk S. No. Driver Driver	Nick		Gel.	7		
Bulktik Pu No. Driver Driver	Biller	- 100 200	Calcium 9			
JOB SERVICES	S & REMARKS)	Hulls		4 10 10 10 10 10 10 10 10 10 10 10 10 10	
Remarks:		FELIAL ST	Salt			
Rat Hole			Flowseal			
Mouse Hole		410	Kol-Seal			
Centralizers			Mud CLR 48			
Baskets	REPORT OF THE PROPERTY.	e santa ilitabet e	CFL-117 or C	D110 CAF 38	t Marsage 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	y was si
D/V or Port Collar			Sand			
		Line day	Handling $ otag$	48 159		
Broke C'mulation	A		Mileage			
m1112 1500				FLOAT EQUIP	MENT	
Displaced 13661			Guide Shoe			: 3/4
Displaced 1300			Centralizer			
Coment Nid	circulate.	t sendings	Baskets	- Langer Lands	e programme and a little	a second description
CEMIENT DIS	C(: Coller C		AFU Inserts			201
	7 - 2 B B B		Float Shoe			
	*		Latch Down			
	Telegraphic Control		Editori Down	San Was a straight and in		
			Pumptrk Cha	5. £.	. 0	Japan Pili
· · · · · · · · · · · · · · · · · · ·				'n		1
CONTRACTOR AND			Mileage 4	_	Ti	ax
				\ _ \ \ =	Discou	unt
C1 N) 10					Total Char	
Signature Mile Manager					Total Ollar	9~

SWIFT Services, Inc.

DATES 5-10 PAGE NO.

STOMER	ol Oil		WELL NO. 17		LEA	LEASE TOWNLEY		JOB TYPE LOWG STRING TICKET NO 28721	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURI TUBING	E (PSI)	DESCRIPTION OF OPERATION AND MATERIALS	
NO.	1230	(DI MI)	(552) (572)					ON LOCATION	
					4.				
								51/2 x 15.5 165	
					+			1270- 3485	
					_			CTO-3482	
						_		CENT- 1,3,5,8,11,54	
					-			Dock fre 1 com	
	,							PORT Collan - Top of 55 5406 - 43' @ 3442	
								5HOE - 43' @ 3442	
					1				
	145							START CSG / FlOAT EQUIP	
	315							BREAK CIRC DN TOHOM	
	345	2.5			1			Plug RAT & Mouse Hole	
	1 1 1							RAT-30 SKS MOUSE - 15 SKS	
	350	5	1/2				300	Pump MODENSh	
		5	20		十		300	PIMP KEL WATER	
	355		0	11			300	SHART CMT	
	405		34				0	END COUT	
	,,,,,				,		54:	WASH P&L	
	410	5.5	10				0	SHART DISP	
	7.0	5.5					300	The state of the s	
	430	5.5	85			Tes Total	600	1000 (MAND PING	
	100							LIFT PSI - 600 LAND PSI - 140	
			3				= " = ;	2 20 4 10	
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								DAVIO, AUSTIN, & TYLER	
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			1		+	-			
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