

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 Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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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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Form	ACO1 - Well Completion
Operator	Mike Kelso Oil, Inc.
Well Name	THOMAS FARMS C-4
Doc ID	1711193

All Electric Logs Run

Dual Comp Porosity
Dual Induction
Microresistivity
Cement Bond Log with Gamma Ray

Form	ACO1 - Well Completion
Operator	Mike Kelso Oil, Inc.
Well Name	THOMAS FARMS C-4
Doc ID	1711193

Tops

Name	Top	Datum
Anhydrite	520	+1259
B/Anh.	538	+1241
Topeka	2631	-852
Heebner	2894	-1115
Brown Lime	3019	-1240
Lansing	3038	-1259
B/KC	3290	-1511
Arbuckle	3300	-1521

KIM B. SHOEMAKER

CONSULTING GEOLOGIST

316-804-9700 • MOHAWK

GEOLOGIST'S REPORT

DILLING TUB AND SAMPLE LOG

CLIENT: MIKE KEISO OIL, INC.

PROPERTY: C-4 THOMAS FARMS

FIELD: CHASE - SILICA

LOCATION: 886' ESE 1/4 2017' EWL

EST. 34 192 11W

COUNTY: BARTON KANSAS

CONTAINER: FOSSIL DRILLING, INC. R16 5

SPID: 3-7-23 3-14-23

TD: 3420 3416

AND UP: 2600 TYPE AND CHEMICAL

DEPT. SAND FROM 2700 3420

DILLING TUB FROM FROM 2600 3420

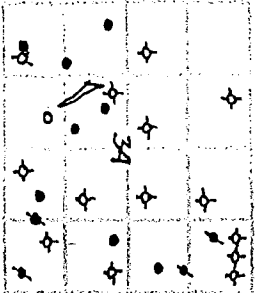
SAMPLES FROM FROM 2700 3420

GEOLOGICAL SUPERVISION FROM 3000 3420

GEOLOGIST ON WELL: KIM B. SHOEMAKER

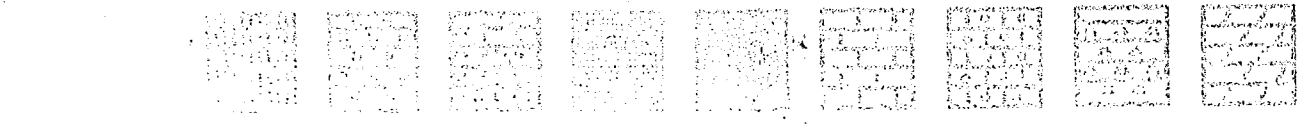
PRODUCTION TUBS LOG

ANHYDRITE	520+ 1259	
B/AHR.	538+ 1241	
TOBEKA	2631- 852	2632- 853
HEBNER	2894- 1115	2897- 1118
BROWN LIME	3019- 1240	3023- 1244
LANSING	3038- 1259	3042- 1263
B/K	3290- 1511	3295- 1516
ARBUCKLE	3300- 1521	3308- 1529



API: 15-009-26385

LEGEND



DRILLING TIME IN MINUTES
PER FOOT
Date of Penetration (month)

2600



TOPEKA

2632.853

Samples are Lagged

15 12 15 12
16 11 14 13

15 - 5' 5m

15. 21. 15. 12. 11. 10.

Sh. Blue

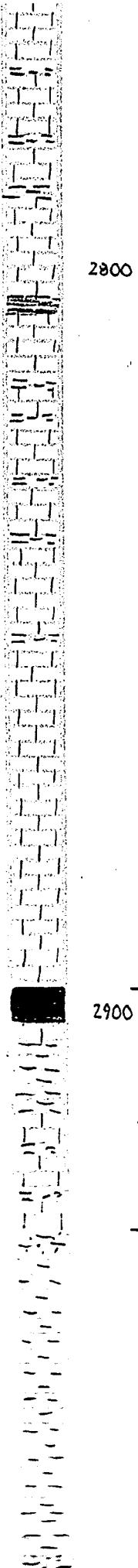
Sh. Clay Silty

15. 11. 10. 9. 8. 7.

Sh. Clay Silty

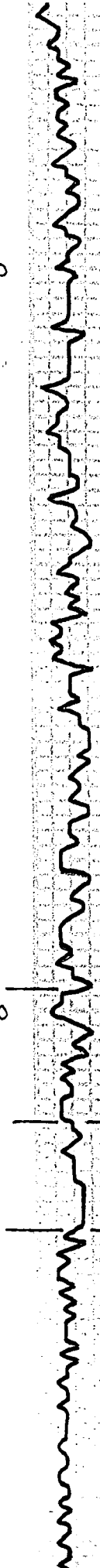
15. 7. 6. 5. 4. 3.

15 4 16



2800

2900



TORONTO

DOUGLAS

Ls. Tr. Foss. Sil. Carbon.
 Ls. Gy. VSh. Foss.
 Ls. L.G. Sil. Foss. w/ Gy. Foss.
 Sh. Blk.
 Ls. T. L.H. VSh. Foss.
 Ls. T. wh. Sil. Foss. Sil. Chilly
 Ls. Bl. Gy. Sil. Foss.
 Ls. T. Gy. Sil. Foss. Foss. F. V. P. No. Flow. No. D. O. C.
 Ls. T. Sil. Foss.
 Ls. T. wh. Sil. Foss. Foss. Sil. Chilly
HEEBNER 2897-1118
 Sh. Blk. Carb.
 Ls. Bl. Gy. VSh. Foss.
 Sh. Lt. Blue
 Ls. T. wh. Sil. Foss. Sh. A.
 Ls. T. wh. Sil. Foss. Dk. Bl. Hvy. Sh. No. Flow. No. D. O. C.
 Sh. Lt. Blue.
 Sh. Lt. Blue. Gy. Silty.
 Sh. Lt. Gy. Lt. Silty.

3200

VIS: 46 WT: 8.9
WL: 7.2 CHL: 6800

LS. Tn. wt. Si. Foss. St. Chl. P. Vis p. No. Flow VFI odor

LS. wt. Chl

Sh. Lt. Blue Gy

LS. Bl. Gy. Si. Foss. St. A. P. Vis p. No. Flow VFI odor

LS. Bl. Gy. VSh. Foss.

LS. Tn. wt. ool. Si. Foss. St. Chl. Fr. Pin Pt p. Dull Flow Fr odor

LS. Bl. Sh. A

LS. wt. ool. Foss. P. Vis p. No. Flow Fr odor

LS. Tn. Gy. Sh. A

Sh. Lt. Gy

LS. Bl. Gy. ool. Si. Foss. P. Vis p. No. Flow Fr odor

B/KC 3295-1516

Sh. Lt. Blue

Sh. Lt. Blue-G

ARBUCKLE 3308-1529

Dol. Tn. V. Fr. In. Svc. Fr. Pin Pt p. Dull Flow Fr odor

Dol. Bl. Tn. Fr. In. Svc. Fr. Pin Pt p. Dull Flow Fr odor

Dol. Tn. Bl. Fr. In. Svc. Fr. Pin Pt p. Dull Flow Fr odor

Dol. Tn. Bl. Md. Kln. Fr. In. Svc. Fr. Pin Pt p. Dull Flow Fr odor

Sh. Lt. Blue

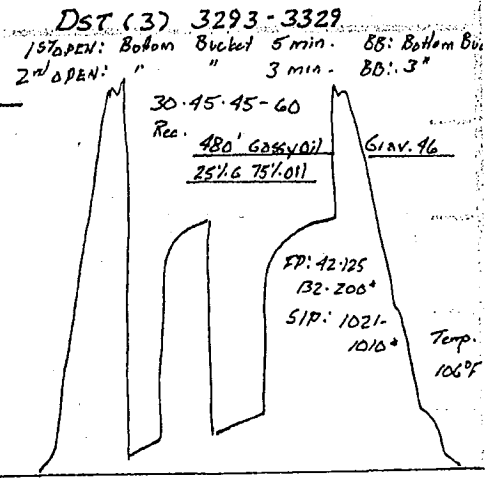
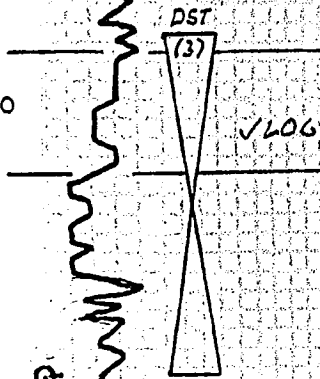
Dol. wt. Lt. Gy. Md. Kln. Fr. In. Svc. Fr. Pin Pt p. Dull Flow Fr odor

Dol. Lt. Gy. Md. Kln. Fr. In. Svc. Fr. Pin Pt p. Dull Flow Fr odor

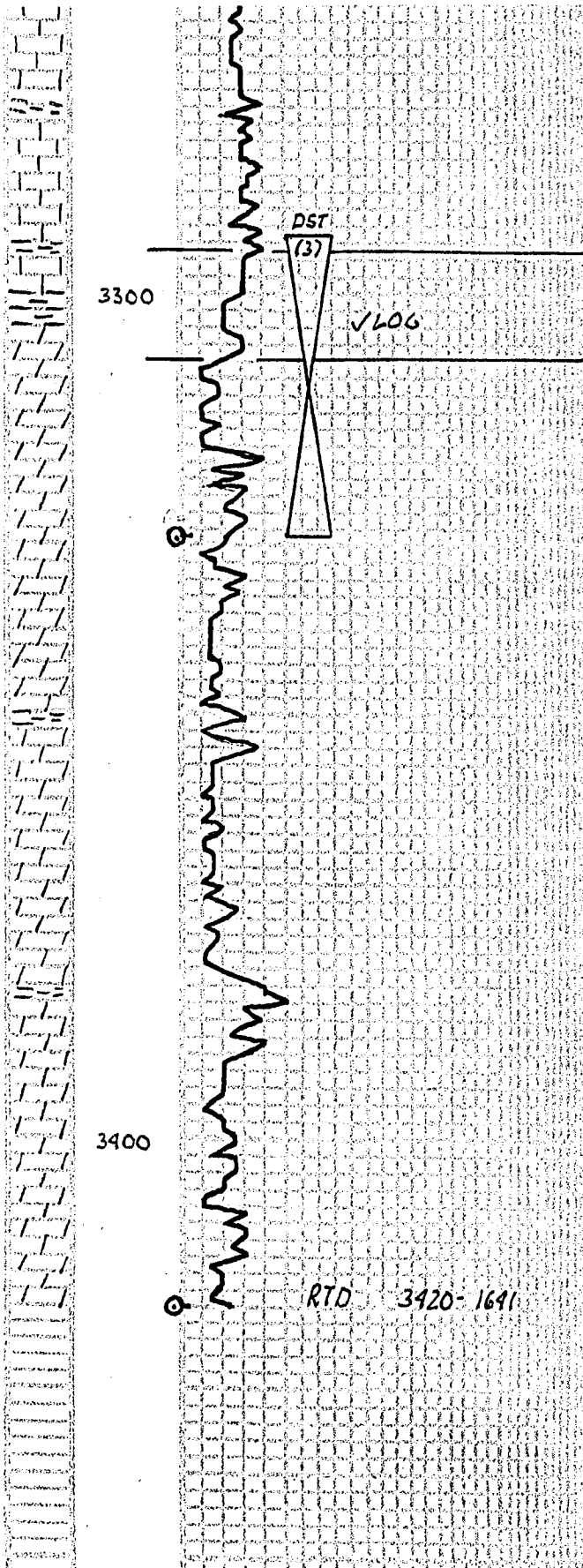
Sh. Lt. Blue. Turq

Δ wt

3300



30 45 45-60
Rec. 480' Gassy Oil Grav. 96
25% G 75% Oil
FD: 42-125
B2-206*
SIP: 1021-1010*
Temp. 106°F



Sh. Ltg.
 Ls. Bl. G. ool. Sil. Sol. P. Visp.
 Bl. Sh. SSFD Dull Flow. F. Gd odor

B/KC 3295-1516
 Sh. L. Bl. ve Ls. Bl. G. Sh. Kou

ARBUCKLE 3308-1529
 Dol. To. V. Fin. S. Sue. F. Fin. P. P. P.
 H. Bl. Sat. SW. GUSFD. Bleeding Oil
 T. GAS. F. Flow. Gd odor

Dol. Bl. Tr. Fin. S. Sue. F. Xh. P.
 Bl. Sat. SW. GUSFD. T. GAS. Gd Flow.
 Gd odor

Dol. Tr. Bl. Fin. S. Sue. F. Visp.
 Bl. Sat. SW. GUSFD. SSF. Gd Flow.
 Gd odor

Δ wt

Dol. Tr. Bl. Md. Cox. F. Xh. P.
 Bl. Sat. SW. SSFD. D. wt. Flow.
 Gd odor

Sh. L. Bl. ve

Dol. W. L. G. Md. Cox. F. Xh. P.
 Bl. Sh. Sat. SW. SSF. SSFD. Dull Flow.
 Gd odor

Dol. L. G. Md. Cox. F. Xh. P.
 Bl. Sh. Sat. SW. SSFD. Dull Flow.
 Gd odor

Sh. L. Bl. ve. Turq.

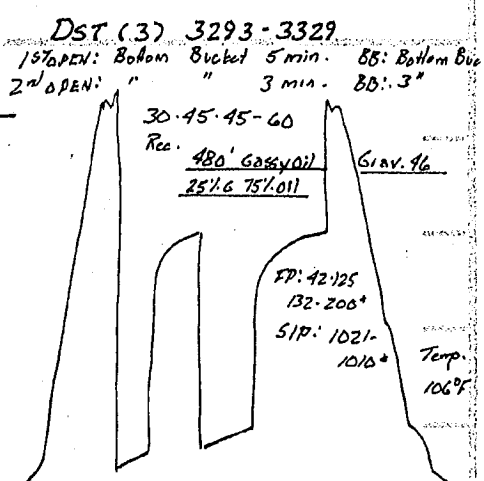
Δ wt.

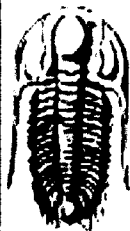
Dol. Tr. Bl. Md. Cox.

Dol. Tr. G. Fin. S. Sue.

Δ wt

Dol. G. W. Md. Cox.





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mike Kelso Oil, Inc.

34/19S/11W

P.O. Box 467
Chase, KS 67524

Thomas Farms c-4

Job Ticket: 70593

DST#: 1

ATTN: Kim Shoemaker

Test Start: 2023.03.11 @ 04:13:00

GENERAL INFORMATION:

Formation: **Lansing A-B**

Deviated: No Whipstock: 1779.00 ft (KB)

Time Tool Opened: 06:34:02

Time Test Ended: 11:53:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: **3044.00 ft (KB) To 3070.00 ft (KB) (TVD)**

Total Depth: 3070.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1779.00 ft (KB)

1771.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6752

Inside

Press@RunDepth: 46.94 psig @ 3046.00 ft (KB)

Start Date: 2023.03.11

End Date:

2023.03.11

Start Time: 04:13:01

End Time:

11:53:02

Capacity:

psig

Last Calib.:

1899.12.30

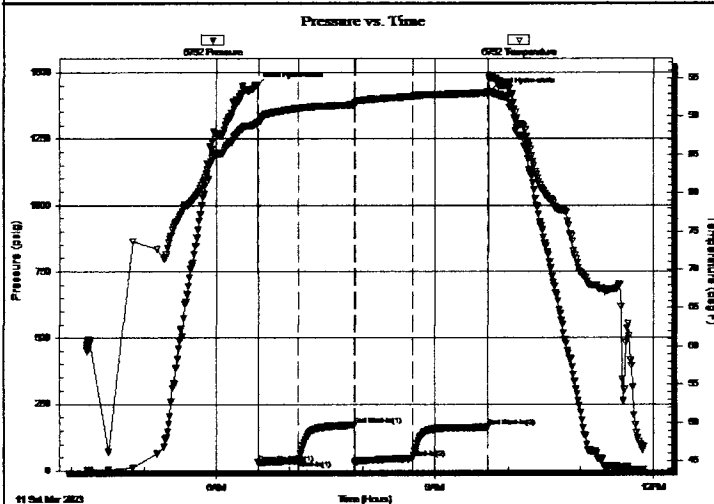
Time On Btm:

2023.03.11 @ 06:32:17

Time Off Btm:

2023.03.11 @ 09:44:47

TEST COMMENT: IF: 30 min., BOB 10 min., strong building blow , 51 inches
 IS: 45 min., no blow back
 FF: 45 min., BOB 30 sec., strong building blow , 103 inches
 FS: 60 min., blow back 1.5 min., 4 inches



PRESSURE SUMMARY

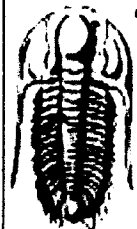
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1450.53	89.01	Initial Hydro-static
2	30.14	89.25	Open To Flow (1)
35	38.05	91.03	Shut-in(1)
81	170.63	91.53	End Shut-in(1)
82	25.88	91.61	Open To Flow (2)
130	46.94	92.62	Shut-in(2)
191	163.09	93.14	End Shut-in(2)
193	1427.70	95.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SOCM 10%O, 90%M	0.30

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Mike Kelso Oil, Inc.

34/19S/11W

P.O. Box 467
Chase, KS 67524

Thomas Farms c-4

Job Ticket: 70594

DST#: 2

ATTN: Kim Shoemaker

Test Start: 2023.03.11 @ 19:54:00

GENERAL INFORMATION:

Formation: **Lans C-F**

Deviated: No Whipstock: 1779.00 ft (KB)

Time Tool Opened: 21:30:02

Time Test Ended: 02:30:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: **3074.00 ft (KB) To 3118.00 ft (KB) (TVD)**

Total Depth: 3118.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1779.00 ft (KB)

1771.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6752

Inside

Press@RunDepth: 95.95 psig @ 3076.00 ft (KB)

Start Date: 2023.03.11

End Date:

2023.03.12

Start Time: 19:54:01

End Time:

02:30:02

Capacity: psig

Last Calib.: 1899.12.30

Time On Btm: 2023.03.11 @ 21:29:32

Time Off Btm: 2023.03.12 @ 00:39:02

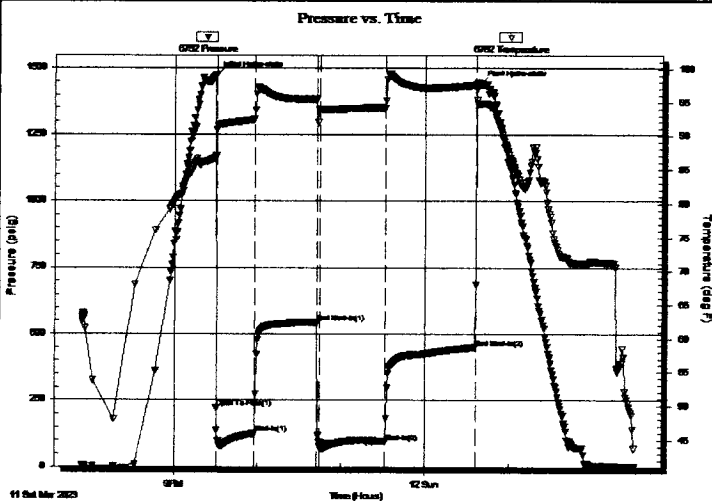
TEST COMMENT: IF: 30 min., BOB ASAO GTS 10 min., strong building blow

IS: 45 min., no blow back

FF: 45 min., BOB GTS ASAO, strong building blow

FS: 60 min., no blow back

PRESSURE SUMMARY



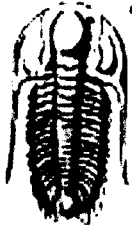
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1469.76	86.79	Initial Hydro-static
1	220.24	87.04	Open To Flow (1)
29	127.22	92.48	Shut-In(1)
73	544.52	95.44	End Shut-In(1)
75	78.86	93.94	Open To Flow (2)
122	95.95	94.12	Shut-In(2)
187	450.18	97.53	End Shut-In(2)
190	1437.81	94.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	gassy mud 5%G,95%M	0.59

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	62.00	121.20
Last Gas Rate			
Max. Gas Rate	0.25	74.00	130.07



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Mike Kelso Oil, Inc.

34/19S/11W

P.O. Box 467
Chase, KS 67524

Thomas Farms c-4

Job Ticket: 70594

DST#: 2

ATTN: Kim Shoemaker

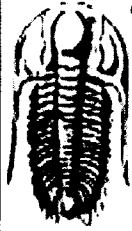
Test Start: 2023.03.11 @ 19:54:00

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.93

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	10	0.25	62.00	121.20
1	10	0.25	62.00	112.41
1	20	0.25	74.00	130.07
2	10	0.25	46.00	88.87
2	20	0.25	53.00	99.17
2	30	0.25	54.00	100.64
2	40	0.25	51.00	96.23
2	40	-999999.00	-999999.00	-999999.00



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Mike Kelso Oil, Inc.

34/19S/11W

P.O. Box 467
Chase, KS 67524

Thomas Farms c-4

Job Ticket: 70595

DST#: 3

ATTN: Kim Shoemaker

Test Start: 2023.03.12 @ 20:50:00

GENERAL INFORMATION:

Formation: **Arb.**
 Deviated: **No** Whipstock: 1779.00 ft (KB)
 Time Tool Opened: 22:51:47
 Time Test Ended: 04:32:02
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Chris Hagman**
 Unit No: **69**
 Interval: **3293.00 ft (KB) To 3329.00 ft (KB) (TVD)**
 Reference Elevations: 1779.00 ft (KB)
 Total Depth: 3329.00 ft (KB) (TVD) 1771.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: **Good** KB to GR/CF: 8.00 ft

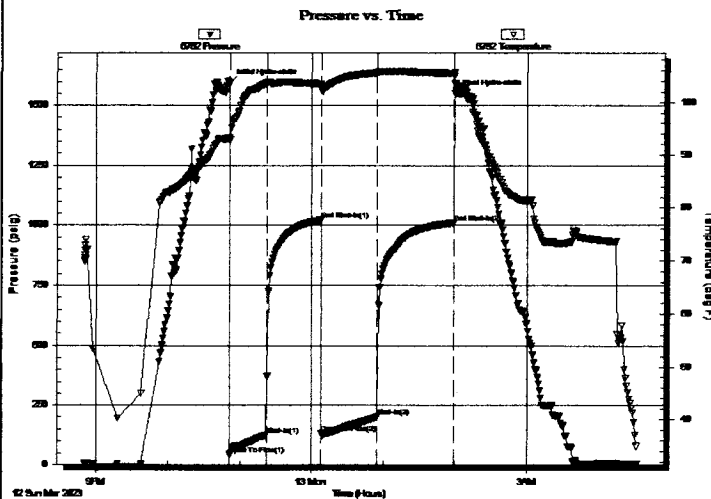
Serial #: 6752

Inside

Press@RunDepth: 200.39 psig @ 3295.00 ft (KB) Capacity: psig
 Start Date: 2023.03.12 End Date: 2023.03.13 Last Calib.: 1899.12.30
 Start Time: 20:50:01 End Time: 04:32:02 Time On Btm: 2023.03.12 @ 22:51:17
 Time Off Btm: 2023.03.13 @ 02:00:17

TEST COMMENT: IF: 30 min., BOB 5 min., strong building blow , 121 inches
 IS: 45 min., blow back immediately, BOB 6 min., 28 inches
 FF: 45 min., BOB 3 min., strong building blow , 154 inches
 FS: 60 min., immediate blow back , .3 inches

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1592.56	93.20	Initial Hydro-static
1	42.12	92.87	Open To Flow (1)
31	125.29	103.53	Shut-In(1)
77	1020.54	103.41	End Shut-In(1)
77	131.97	103.01	Open To Flow (2)
124	200.39	105.61	Shut-In(2)
188	1010.07	105.45	End Shut-In(2)
190	1550.87	103.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
498.00	gassy oil 25%G,75%O	5.89

Gas Rates

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