KOLAR Document ID: 1468031

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 # 9067
Name: DaMar Resources, Inc.
Address 1: 234 W 11TH STE A
Address 2: PO BOX 70
City: HAYS State: KS Zip: 67601 + 0070
Contact Person: Curtis R Longpine
Phone: (785) 625-0020
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: Roger Moses
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 #:

07/22/2019 Spud Date or Recompletion Date
07/27/2019 Date Reached TD
07/28/2019 Completion Date or Recompletion Date

API No.: 15-051-26962-00-00
Spot Description:
SW - SE - NW - SE Sec. 4 Twp. 12 S. R. 17 ☐ East ☑ West
1635 Feet from ☐ North / ☑ South Line of Section
1970 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Ellis
Lease Name: SCHMEID RANCH Well #: 1
Field Name: Bemis
Producing Formation: none
Elevation: Ground: 2112 Kelly Bushing: 2117
Total Vertical Depth: 3757 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 303 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: 4000 ppm Fluid volume: 4000 bbls
Dewatering method used: Evaporated
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: 08/07/2019
☐ **Confidential Release Date:** 08/06/2021
☑ **Wireline Log Received** ☑ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** Karen Ritter **Date:** 08/12/2019

Operator Name: DaMar Resources, Inc. Lease Name: SCHMEID RANCH Well #: 1

Sec. 4 Twp. 12 S. R. 17 ☐ East ☑ West County: Ellis

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 *(Attach Additional Sheets)*	☑ Yes	☐ No
Samples Sent to Geological Survey	☐ Yes	☑ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☑ Yes	☐ No
Geologist Report / Mud Logs	☑ Yes	☐ No

List All E. Logs Run:
Attached

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Anhydrite	1340	777
Heebner	3303	-1186
L-KC	3351	-1234
Arbuckle	3610	-1493

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	23	303	80/20 poz	180	3%cc 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ 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: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	Top / Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	DaMar Resources, Inc.
Well Name	SCHMEID RANCH 1
Doc ID	1468031

All Electric Logs Run

dual comp porosity
micro
dual induction
sonic

Form	ACO1 - Well Completion
Operator	DaMar Resources, Inc.
Well Name	SCHMEID RANCH 1
Doc ID	1468031

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	12.25	8.625	23	303	80/20 poz	180	3%cc 2% gel

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Damar Resources Inc**

PO BoxX 70
Hays KS 67601+0070

ATTN: Roger Moses

Schmeid Ranch #1

4-12s-17w Ellis,KS

Start Date: 2019.07.27 @ 22:13:00
End Date: 2019.07.28 @ 04:03:00
Job Ticket #: 65976 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.07.30 @ 10:47:38

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Damar Resources Inc

PO BoxX 70
Hays KS 67601+0070

ATTN: Roger Moses

4-12s-17w Ellis,KS

Schmeid Ranch #1

Job Ticket: 65976 **DST#: 1**

Test Start: 2019.07.27 @ 22:13:00

GENERAL INFORMATION:

Formation: **LKC G**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:41:15
Time Test Ended: 04:03:00

Test Type: Conventional Straddle (Initial)
Tester: Spencer J Staab
Unit No: 84

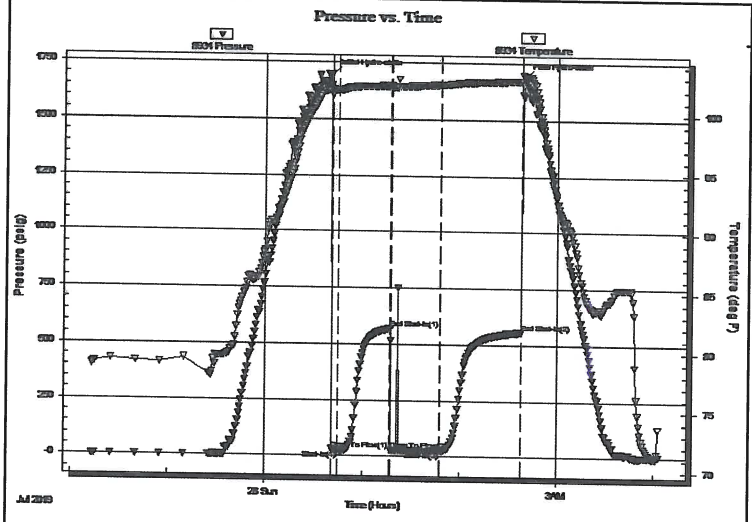
Interval: 3437.00 ft (KB) To 3460.00 ft (KB) (TVD)
Total Depth: 3757.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2117.00 ft (KB)
2112.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8934 **Inside**
Press@RunDepth: 22.91 psig @ 3438.00 ft (KB)
Start Date: 2019.07.27 End Date: 2019.07.28
Start Time: 22:13:15 End Time: 04:03:00

Capacity: 8000.00 psig
Last Calib.: 2019.07.28
Time On Btm: 2019.07.28 @ 00:41:00
Time Off Btm: 2019.07.28 @ 02:39:30

TEST COMMENT: 5-IF-Weak Surface
30-ISI-No Return
30-FF-No Blow ; Flushed; No Help
45-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1697.67	102.42	Initial Hydro-static
1	29.58	101.55	Open To Flow (1)
4	21.42	101.93	Shut-In(1)
37	568.58	102.34	End Shut-In(1)
37	27.30	102.19	Open To Flow (2)
67	22.91	102.43	Shut-In(2)
117	555.80	102.80	End Shut-In(2)
119	1690.50	103.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud 100%M	0.01

Gas Rates

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Damar Resources Inc

PO BoxX 70
Hays KS 67601+0070

ATTN: Roger Moses

4-12s-17w Ellis,KS

Schmeid Ranch #1

Job Ticket: 65976 **DST#: 1**

Test Start: 2019.07.27 @ 22:13:00

GENERAL INFORMATION:

Formation: **LKC G**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:41:15
Time Test Ended: 04:03:00

Test Type: Conventional Straddle (Initial)
Tester: Spencer J Staab
Unit No: 84

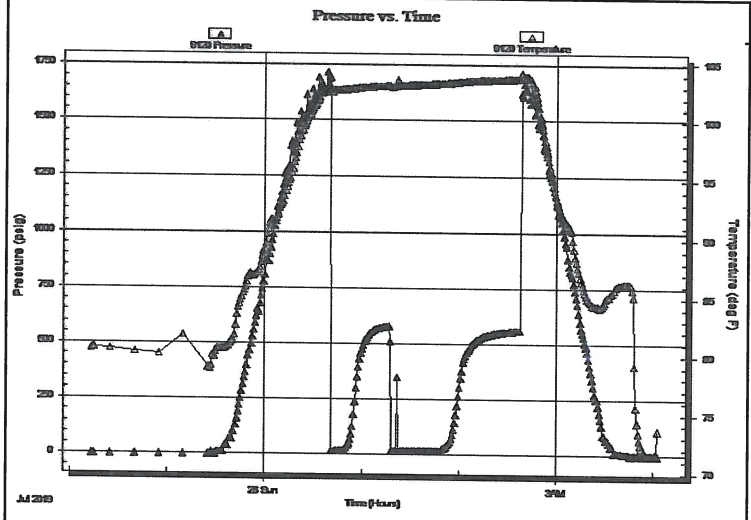
Interval: 3437.00 ft (KB) To 3460.00 ft (KB) (TVD)
Total Depth: 3757.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2117.00 ft (KB)
2112.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 9120 **Outside**
Press@RunDepth: psig @ 3438.00 ft (KB)
Start Date: 2019.07.27 End Date: 2019.07.28
Start Time: 22:13:15 End Time: 04:03:00

Capacity: 8000.00 psig
Last Calib.: 2019.07.28
Time On Btm:
Time Off Btm:

TEST COMMENT: 5-IF-Weak Surface
30-ISI-No Return
30-FF-No Blow ; Flushed; No Help
45-FSI-No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud 100%M	0.01

Gas Rates

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

DRILL STEM TEST REPORT

Damar Resources Inc

PO BoxX 70
Hays KS 67601+0070

ATTN: Roger Moses

4-12s-17w Ellis,KS

Schmeid Ranch #1

Job Ticket: 65976 **DST#: 1**

Test Start: 2019.07.27 @ 22:13:00

GENERAL INFORMATION:

Formation: **LKC G**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:41:15
Time Test Ended: 04:03:00

Test Type: Conventional Straddle (Initial)
Tester: Spencer J Staab
Unit No: 84

Interval: 3437.00 ft (KB) To 3460.00 ft (KB) (TVD)
Total Depth: 3757.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

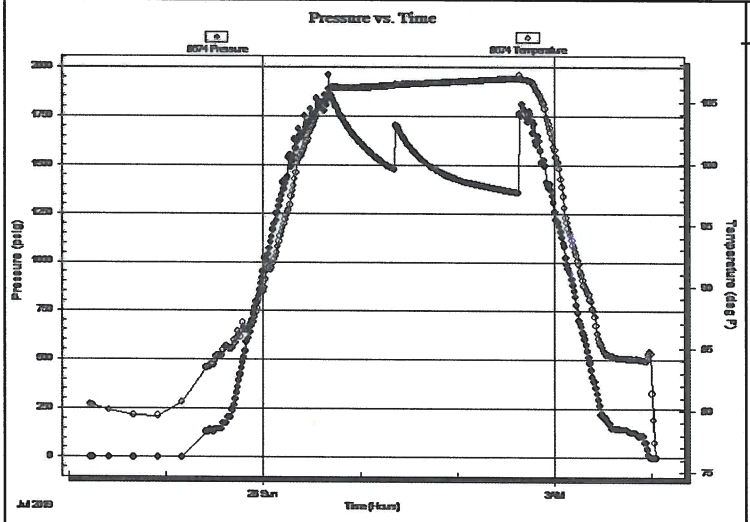
Reference Elevations: 2117.00 ft (KB)
2112.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8674 **Below (Straddle)**

Press@RunDepth: psig @ 3469.00 ft (KB)
Start Date: 2019.07.27 End Date: 2019.07.28
Start Time: 22:13:15 End Time: 04:02:45

Capacity: 8000.00 psig
Last Calib.: 2019.07.28
Time On Btm:
Time Off Btm:

TEST COMMENT: 5-IF-Weak Surface
30-ISI-No Return
30-FF-No Blow ; Flushed; No Help
45-FSI-No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud 100%M	0.01

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Damar Resources Inc

PO BoxX 70
Hays KS 67601+0070

ATTN: Roger Moses

4-12s-17w Ellis,KS

Schmeid Ranch #1

Job Ticket: 65976 **DST#: 1**

Test Start: 2019.07.27 @ 22:13:00

Tool Information

Drill Pipe:	Length:	3292.00 ft	Diameter:	3.82 inches	Volume:	46.67 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length:	ft	Diameter:	2.75 inches	Volume:	- bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	120.00 ft	Diameter:	2.25 inches	Volume:	0.59 bbl	Weight to Pull Loose:	62000.00 lb
					Total Volume:	- bbl	Tool Chased	ft
Drill Pipe Above KB:		4.00 ft					String Weight: Initial	53000.00 lb
Depth to Top Packer:		3437.00 ft					Final	53000.00 lb
Depth to Bottom Packer:		3460.00 ft						
Interval betw een Packers:		23.00 ft						
Tool Length:		349.00 ft						
Number of Packers:		1	Diameter:	6.75 inches				

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3409.00		
Shut In Tool	5.00			3414.00		
Hydraulic tool	5.00			3419.00		
Jars	5.00			3424.00		
Safety Joint	3.00			3427.00		
Packer	5.00			3432.00	29.00	Bottom Of Top Packer
Packer	5.00			3437.00		
Stubb	1.00			3438.00		
Recorder	0.00	8934	Inside	3438.00		
Recorder	0.00	9120	Outside	3438.00		
Perforations	17.00			3455.00		
Blank Off Sub	1.00			3456.00		
Top S. Packer	4.00			3460.00		
Packer - Shale	0.00			3460.00	23.00	Tool Interval
Packer	0.00			3460.00		
Stubb	1.00			3461.00		
Perforations	7.00			3468.00		
Change Over Sub	1.00			3469.00		
Recorder	0.00	8674	Below	3469.00		
Drill Pipe	284.00			3753.00		
Change Over Sub	1.00			3754.00		
Bullnose	3.00			3757.00	297.00	Bottom Packers & Anchor
Total Tool Length:	**349.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Damar Resources Inc

PO BoxX 70
Hays KS 67601+0070

ATTN: Roger Moses

4-12s-17w Ellis,KS

Schmeid Ranch #1

Job Ticket: 65976 **DST#: 1**

Test Start: 2019.07.27 @ 22:13:00

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:	ppm
Viscosity:	51.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4000.00 ppm				
Filter Cake:	inches				

Recovery Information

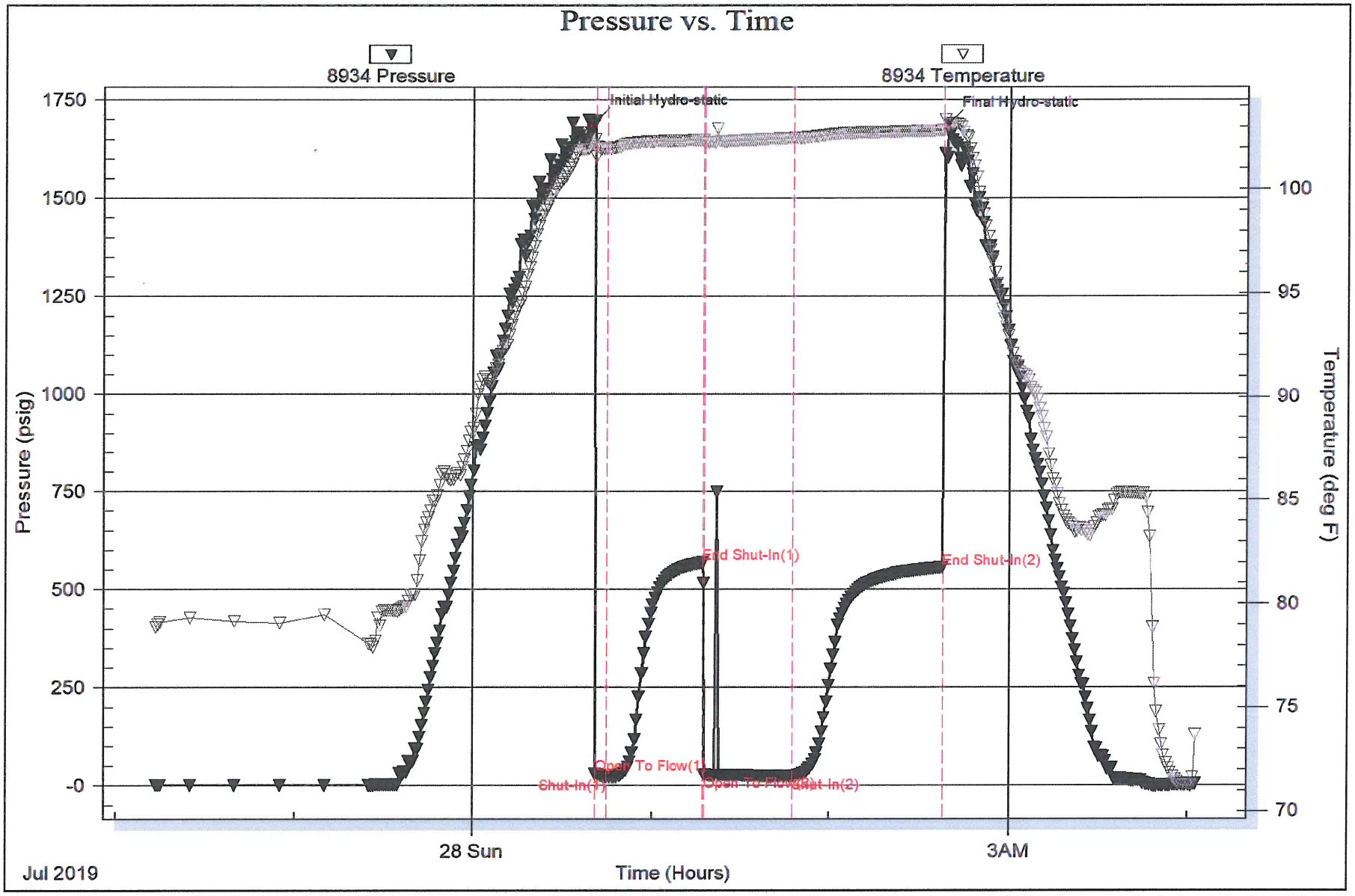
Recovery Table

Length ft	Description	Volume bbl
3.00	Mud 100%M	0.015

Total Length: 3.00 ft Total Volume: 0.015 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: 2#LCM

Serial #: 8934 Inside Damar Resources Inc Schmeid Ranch #1 DST Test Number: 1



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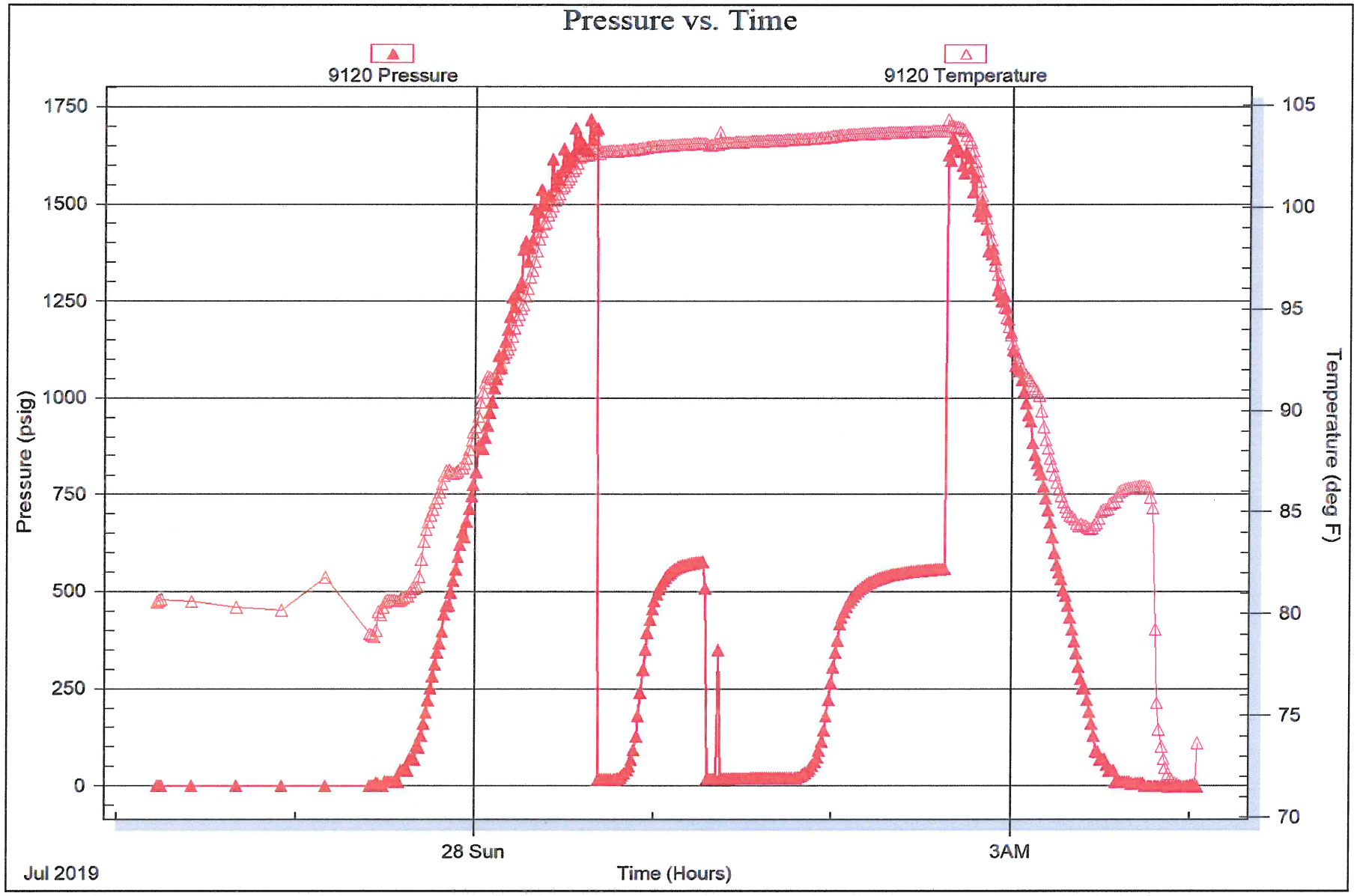
Serial #: 9120 Outside Damar Resources Inc Schmeid Ranch #1 DST Test Number: 1



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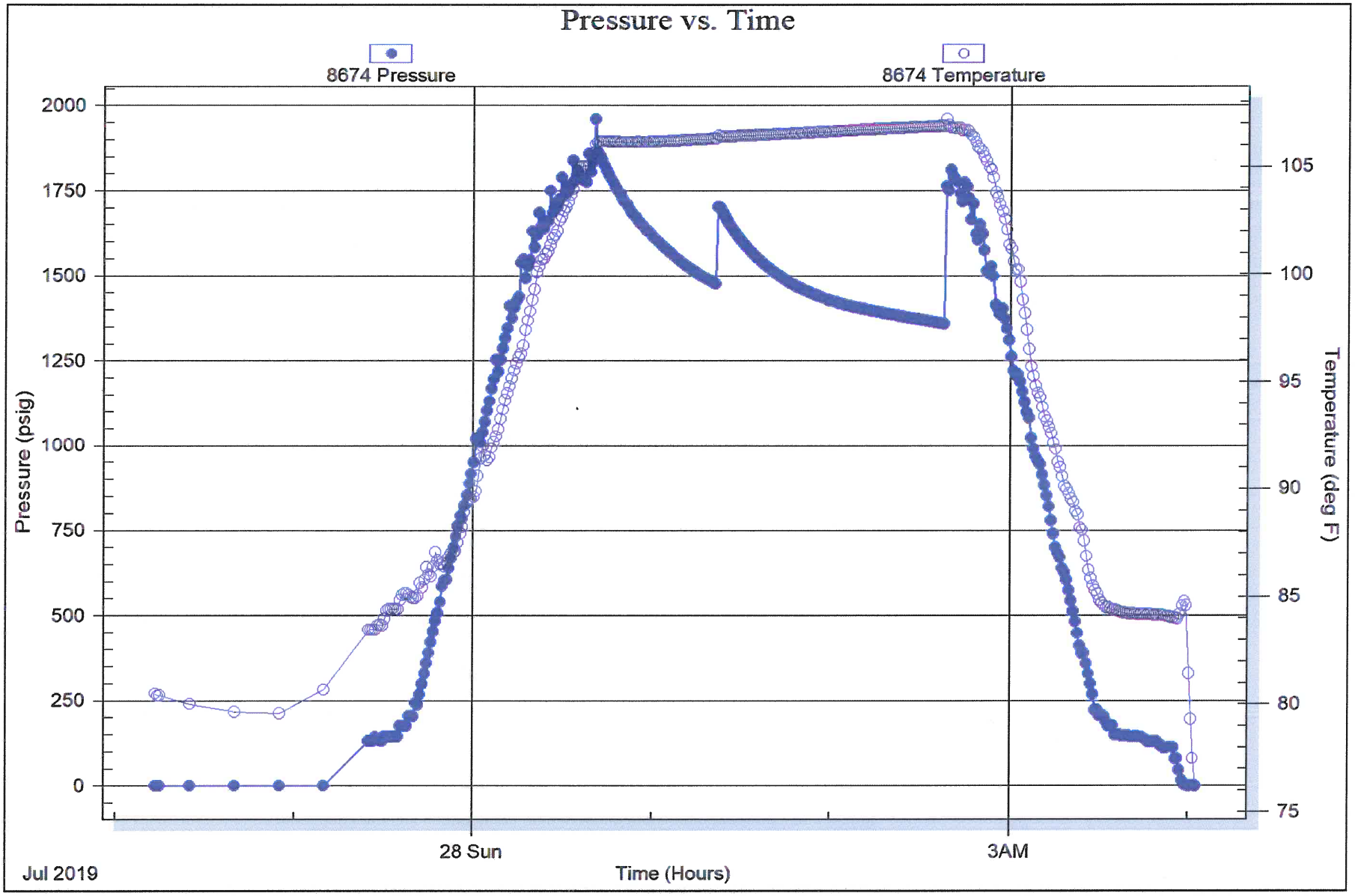

Pressure vs. Time
8674 Pressure
8674 Temperature
2000
1750
1500
1250
1000
750
500
250
0
Pressure (psig)
105
100
95
90
85
80
75
Temperature (deg F)
28 Sun
3AM
Jul 2019
Time (Hours)

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket NO. 65976

Well Name & No. Schmeid Ranch #1 Test No. 1 Date 07/27/2019

Company Damar Resources Elevation 2117' KB 2112 GL

Address 234 W 11th STE A POBOX 70 Hays KS 67601+0070

Co. Rep / Geo. Roger Moses Rig 2020 #8

Location: Sec. 4 Twp 12s Rge. 17w Co. Ellis State KS

Interval Tested 3437' - 3460' Zone Tested Lans 'J'

Anchor Length 23' 297' tail Drill Pipe Run 3292' Mud Wt. 8.9

Top Packer Depth 3437' Drill Collars Run 120' Vis 51

Bottom Packer Depth 3460' Wt. Pipe Run — WL 8.8

Total Depth 3757' Chlorides 4000 ppm System LCM 2#

Blow Description 17- Weak Surface
ISI- No Return
77- No Blow; Flush; No Help
FSI- No Return

Rec 3'	Feet of Mud	%gas	%oil	%water 100	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 3' BHT 102° Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1697	☒ Test 1200	T-On Location 21:43
(B) First Initial Flow 29	☒ Jars 250	T-Started 22:13
(C) First Final Flow 21	☒ Safety Joint 75	T-Open 00:40 07/28/2019
(D) Initial Shut-In 568	☐ Circ Sub	T-Pulled 02:30
(E) Second Initial Flow 27	☐ Hourly Standby	T-Out 04:01
(F) Second Final Flow 22	☒ Mileage 32	Comments
(G) Final Shut-In 555	☐ Sampler	
(H) Final Hydrostatic 1690	☒ Straddle 600	☐ EM Tool
	☒ Shale Packer 250	☐ Ruined Shale Packer
Initial Open 5	☐ Extra Packer	☐ Ruined Packer
Initial Shut-In 30	☐ Extra Recorder	☐ Extra Copies
Final Flow 30	☐ Day Standby	Sub Total 0
Final Shut-In 45	☐ Accessibility	Total 2407
	Sub Total 2407	MP/DST Disc't

Approved By Our Representative Spencer Thank

785-259-0056

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041
Home Office P.O. Box 32 Russell, KS 67665

No. 1480

Date	Sec.	Twp.	Range	County	State	On Location	Finish
7-28-19	4	12	17	Ellis	KS		11:30 AM

Location Weld Tech - 7N to the T, 1/4 W,

Lease Schmeid Ranch Well No. 1

Owner Same

Contractor WW #8

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.

Type Job Plug

Hole Size 7 7/8" T.D. 3957'

Charge To Damar Resources

Csg. Depth

Street

Tbg. Size 4 1/2" D.P. Depth 3587'

City State

Tool Depth

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. Shoe Joint

Cement Amount Ordered 290 60/40 4% Gel 1/4# Flo

Meas Line Displace H2O/mud

EQUIPMENT

Pumptrk 17	No.	Cementer Helper	David
Bulktrk 19	No.	Driver	Tony L.
Bulktrk P.U.	No.	Driver Driver	Rick

JOB SERVICES & REMARKS

Remarks: 3587' - 50 sx

Rat Hole 1370' - 50 sx

Mouse Hole 780' - 100 sx

Centralizers 350' - 50 sx

Baskets 40' - 10 sx w/plug

D/V or Port Collar Rathole cmt 30 sx

Cement did Circulate

Common	
Poz. Mix	
Gel.	
Calcium	
Hulls	
Salt	
Flowseal	
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	
Mileage	
FLOAT EQUIPMENT	
Guide Shoe	Dry hole plug
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	
Mileage	
Tax	
Discount	
Total Charge	

Quality Oilwell Cementing

X Signature

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Cell 785-324-1041 Home Office P.O. Box 32 · Russell, KS 67665 Phone 785-483-1071

No. 1800

7-23-2019

Date	Sec.	Twp.	Range	County	State	On Location	Finish
7-22-19	4	12	17	Ellis	Kansas		3:00 AM

Location Catherine E. to KD 310 7N ½ W 4N

Lease Schmeidbauer Well No. #1

Contractor W-W DRLG. Rig # 8

Type Job Cement Surface

Hole Size 12¼ T.D. 303

Csg. 8⅝ New Depth 303

Tbg. Size Depth

Tool Depth

Cement Left in Csg. 15 Shoe Joint

Meas Line Top (288 FT.) Displace 18½ BBL

EQUIPMENT

	No.		
Pumptrk 18		Cementer	Craig
		Helper	Dona
Bulktrk 15	No.	Driver	Steve
		Driver	
Bulktrk	No.	Driver	
		Driver	

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Ran 7 New Joints of 23# csg.

Set 8⅝ @ 303

Recieved Circulation

Cement w/ 200 sx 99/20 3+2

Displaced a total of 18.25 BBL

Cement Did Circulate To Surface

Shut in @ 300#

Thanks Nate

X Signature

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.

Charge To Damar Resources Inc.

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

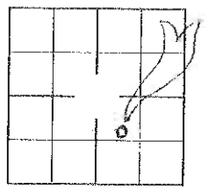
Cement Amount Ordered 200 sx 99/20 3+2

	180	
Common		
Poz. Mix	180	
Gel.	145	
Calcium	35	
Hulls	3	
Salt	7	
Flowseal		
Kol-Seal		
Mud CLR 48		
CFL-117 or CD110 CAF 38		
Sand		
Handling		
Mileage	190	
FLOAT EQUIPMENT		
Guide Shoe		
Centralizer		
Baskets		
AFU Inserts		
Float Shoe		
Latch Down		
Pumptrk Charge	Surface	
Mileage	15	
Tax		
Discount		
Total Charge		

Roger L. Moses
Hays, Kansas 67601
Email: mosesoil@reagan.com
Phone: 785.656.1729

REPORT LOG

COMPANY Damar Resources, Inc
Hays, Kansas
WELL Schmeid Ranch #1
FIELD Bemis-Shutts
LOCATION SW-SE-NW-SE
SEC. 4 TWP. 12s RGE. 17w
COUNTY Ellis
STATE Kansas



PRODUCTION
ELEVATION KB 2117'
DF
GL 2112'
Drilling Measured From: Kelly Bushing

Samples Saved From 3000' To: T.D.
Drilling Time From 2900' To: T.D.
Samples Examined From: 3000' To: T.D.
Geological Supervision From 2850' To Total Depth
Wellsite Geologist Roger L. Moses
Electrical Surveys DIL
Porosity, Sonic
Microresistivity
Pioneer Energy Services

OPERATOR Damar Resources, Inc
CONTRACTOR Murfin Drlg (WW #8)
COMM: 7-22-2019 COMP: 7-28-2019

CASING RECORD

SURF: 8 5/8" @ 303' PROD:
TOTAL DEPTH DRILLERS: 3757'
TOTAL DEPTH LOG: 3754'

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATUM	STRUCTURAL POSITION
Anhydrite	1341 (+776)	1340	1777	Even
Anhydrite Base	1381 (+736)	1380	+737	- 6
Topeka	3070 (-953)	3070	-953	- 8
Heebner	3309 (-1187)	3304	-1186	- 6
Toronto	3326 (-1209)	3326	-1209	- 7
Lansing	3349 (-1232)	3351	-1234	- 7
B/KC	3589 (-1467)	3581	-1464	- 2
Arbuckle	3607 (-1490)	3610	-1493	- 2

REFERENCE WELL FOR STRUCTURE Damar Resources, Inc
Windholz #2, NE SW-NW-SW Section 3-12s-17w
Ellis County, Kansas

7-22-19	Spud	1	12¼	RR		303'	303'	5½
7-23-19	303'	2	7⅞	Linco		3757'	3754'	85½
7-24-19	1510'							
7-25-19	2540'							
7-26-19	3180'							
7-27-19	3694'							
7-28-19	3757'							

DRILL STEM TESTS

No.	Interval	IFP/Time	ISIP/Time	FFP/Time	FSIP/Time	IHP-FHP	RECOVERY
1	3437'	30#	569#	27#	556#	1698#	3' 100% Mud
		21#		23#			
G	-3460'	5"	30"	30"	45"	1691#	

REMARKS AND RECOMMENDATIONS Well ran consistently low to comparison well throughout. Due to structural position and log analysis the well was plugged and abandoned

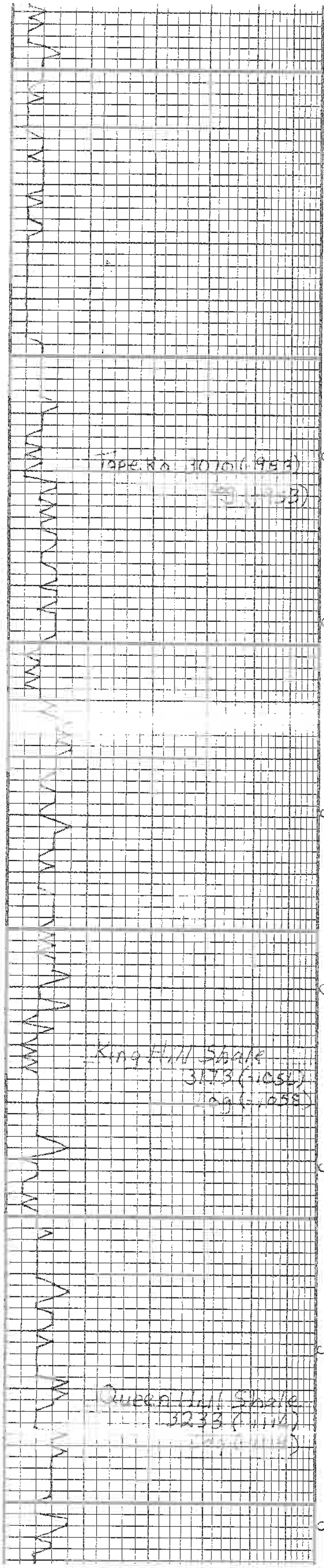
Sincerely
Roger Moses

LEGEND

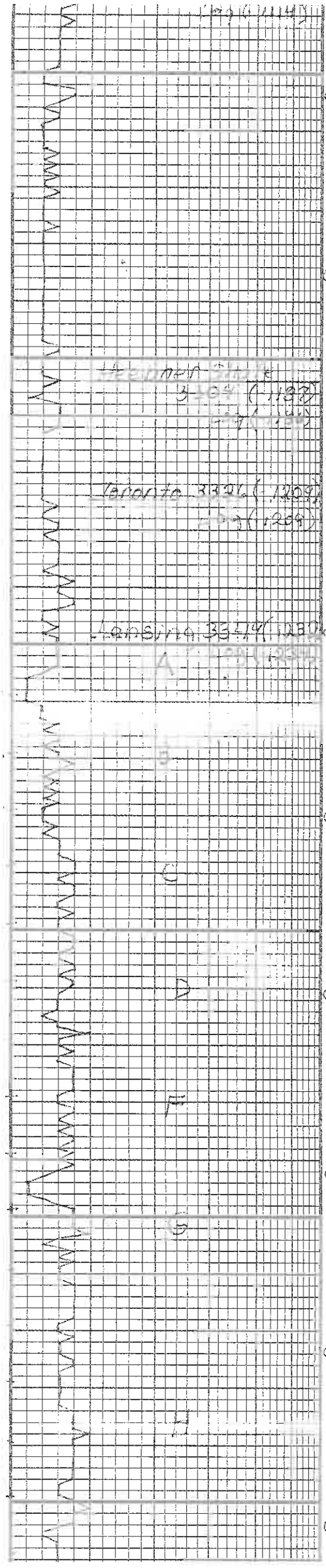
Limestone
Cherty
Shale
Sandstone
Salt
Anhydrite

LEGEND

DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases 5" 10" 15" 20" 25"	DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
	40				
	50				
	60				
	70				
	80				
	90				
	2900				Dev Surv @ 303' ½
	C 10				@ 3757'
	20				Displaced @ 2900'
	30				
	C 40				
	2950				WT 8.5 VIS 59 LCM 2
	60				
	70				
	80				
	90				
	3000				WT 8. VIS 6 LCM 6
	C 10		Sh: grey-brn, fissile, platy LS: grey-tan, finned x'ln		



Depth	Lithology description	Mud
2990		
3000	SH: gry-brn, fissile, platy	WT VIS LCM
10	LS: gry-tan, f-med xln, intxln Ø, barren	
20		
30	SH: gry-brn, slty	
40		
3050	LS: tan-gry, f xln, foss, No NSO	WT 8 VIS 6 LCM 2
60	SH: gry-brn plty	
70	LS: tan-brn-gry, f-med xln, foss	
80		
90	LS: tan-gry, f-med xln, chlky, barren	
3100		WT 8.3 VIS 60 LCM 2
10		
20	SH: gry-brn, slty.	
30	LS: tan-gry, f xln, PPØ, foss, No NS	
40		
3150	LS: tan-brn mttld, f-med xln, barren	WT 8.8 VIS 63 LCM 2
60		
70	Blk, Carb SH	
80	LS: tan-gry, f-med xln, intxln Ø, blk Δ foss, Fo [illegible]	
90		
3200	LS: tan-gry, f-med xln, intxln Ø, ind part Ø, No fl, Shr	WT 8.5 VIS 62 LCM 2
10		
20		
30	Blk, carb sh	
40	LS: gry-tan, f xln, dns, chlky in part, blk Δ foss.	
3250		
60	LS: grey-off wht f xln.	



LS: gry-tan, fn xln, dns, chlky in part, blk Δ foss.

LS: grey-off wht, fn xln foss, blk Δ, barren

LS: s a/a

LS: off wht, tan, f-med xln, poor int xln Ø, dns foss, trans Δ, barren

Blk, carb sh

SH: gry-grn, few grn, silty, fissile

LS: gry, f-med xln, sli vug Ø, good interparticle Ø, sli chlky, lt even stain, f Ø odor, spots free o.l

SH: gry-brn, platy silty

LS: tan-buff, f-med xln, foss, no odor, chert

SH: gry, slty, platy

LS: tan, f-med xln, foss, PP Ø, ca. no NSO

SH: gry-brn, silty, blky

LS: tan-lt gry, f-med xln, few oo Ø, PP Ø, sli-f odor, F sro

LS: s a/a, lt stn, hvy o.l/asphaltine

SH: gry, few grn, blky

LS: wht, f-xln, PP, few w/ vug Ø, spty-gd odor, sli SFO

Blk, carb sh

LS: tan-brn, fn-med xln, foss, chrty, wk odor, v lt stn

LS: buff-tan, fn-xln, sli int part Ø, chlky, sat vry lt stn, wk odor

LS: buff-tan f-med xln, occ good int Ø, oom Ø, sat vry lt stain

LS: s a/a

SH: gry-brn, silty, platy

LS: wht tan, fn-med xln, occ poor Ø, foss, chert, fr-gd odor, NFSO

LS: gry, fn xln, oom Ø, vug Ø

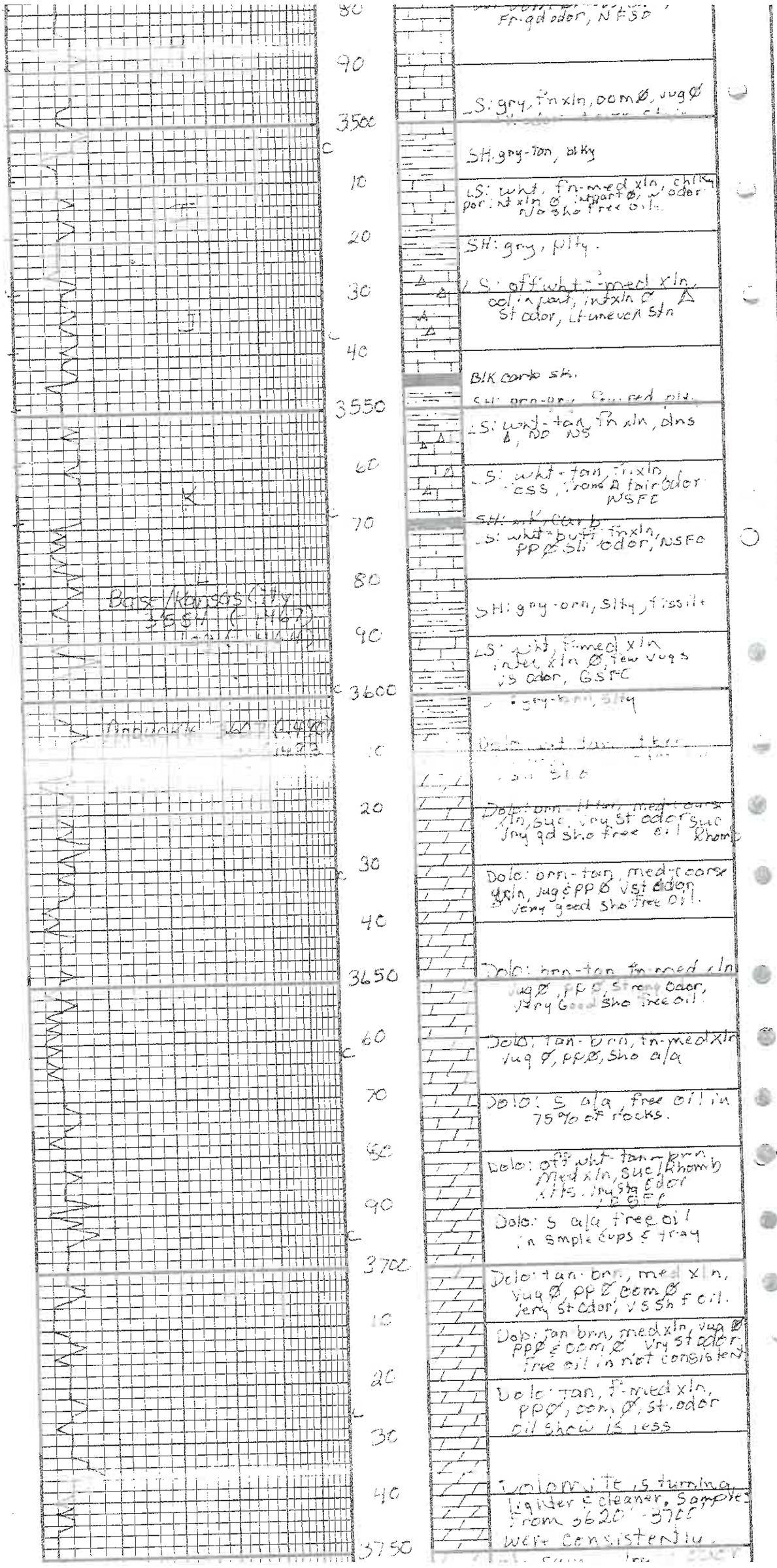
SH: gry-tan, blky

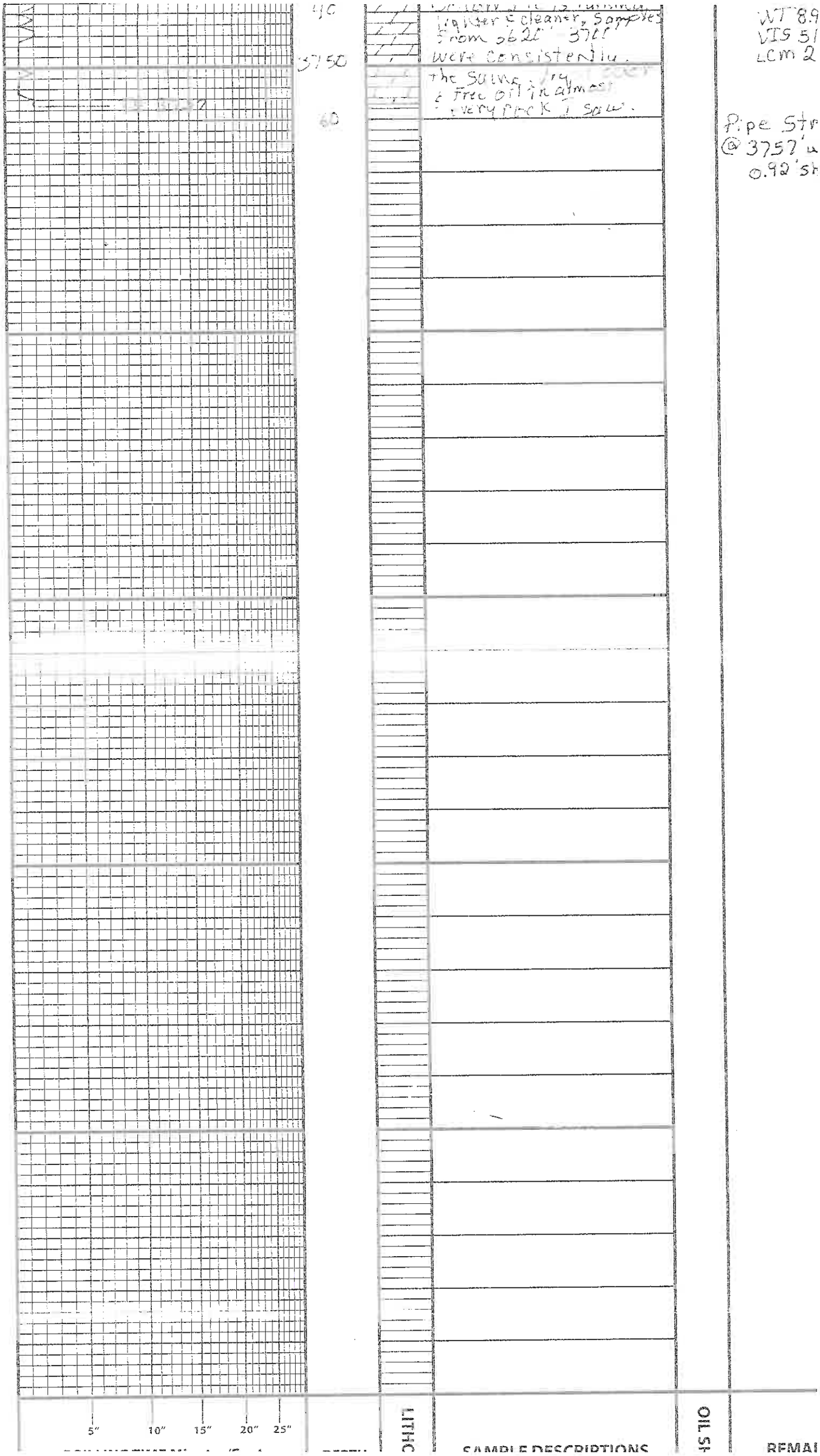
WT 8.6
VIS 61
LCM 2

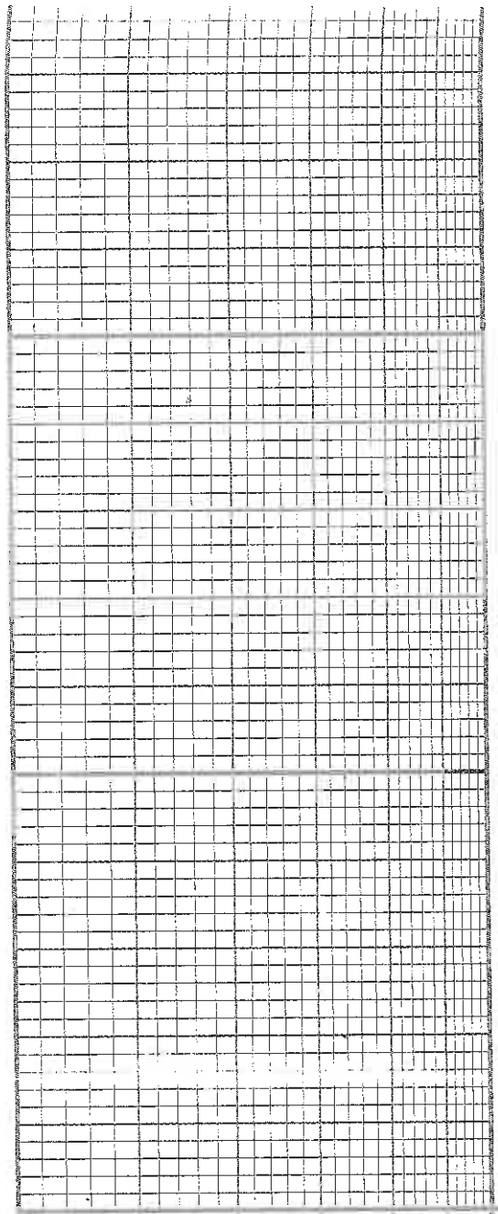
WT 8.3
VIS 56
LCM 2

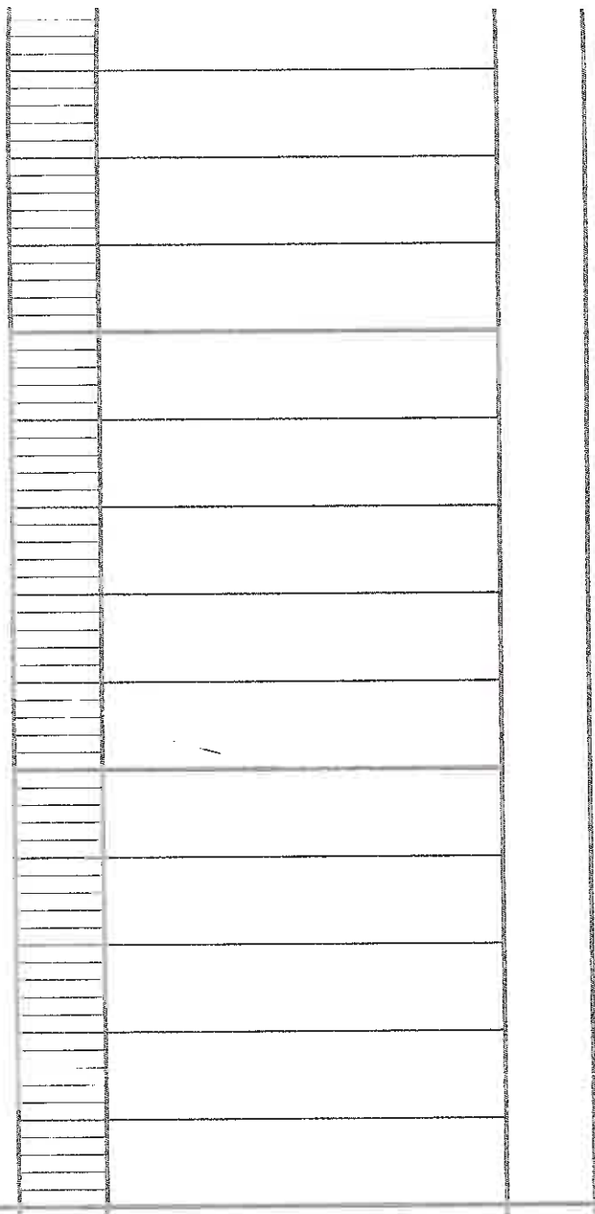
WT 8.6
VIS 58
LCM 2

WT 8.
VIS 54
LCM 2


Fr. gd odor, NFSO
LS: gry, fn xln, com Ø, vug Ø
SH: gry-tan, blky
LS: wht, fn-med xln, chlky por: Int xln Ø, isopart Ø, w/ odor n/o sho free oil.
SH: gry, pity.
LS: off wht - med xln, col in part, int xln Ø, St odor, Lt uneven stn
WT 8.6 VIS 54 LCM 2
Blk carb sh.
LS: wht-tan fn xln, dns, NO NS
LS: wht-tan, fn xln, css, trans, fair odor WSFC
LS: wht-buff, fn xln, pp Ø, Sl. odor, WSFC
SH: gry-orn, silty, fissile
LS: wht, f-med xln, inter xln Ø, few vugs vs odor, GSFC
WT 8.5 VIS 54 LCM 2
Base Kansas City
Dolo: orn-tan, med-coarse xln, suc, vry St odor suc, vry gd sho free oil Rhomb
Dolo: orn-tan, med-coarse xln, vug & pp Ø VSt odor very good sho free oil.
Dolo: brn-tan, fn-med xln, vug Ø, pp Ø, strong odor, very Good sho free oil
Dolo: tan-brn, fn-med xln vug Ø, pp Ø, sho o/a
WT 8.
VIS 5
LCM 2
Dolo: S o/a, free oil in 75% of rocks.
Dolo: off wht-tan-brn, Med xln, suc/Rhomb xls. vry stg odor
Dolo: S o/a free oil in Smpl cups & tray
Dolo: tan-brn, med xln, vug Ø, pp & com Ø very St odor, VS Sh F oil.
Dolo: tan brn, med xln, vug Ø pp Ø & com Ø vry st odor, free oil is not consistent
Dolo: tan, f-med xln, pp Ø, com Ø, St. odor oil show is less
Calcarenite, is turning lighter & cleaner, Samples from 3620' - 3700' were consistently
WT
VIS
LCM


lighter & cleaner, Samples from 3622' - 3727' were consistently
the Sucrose & free oil in almost every rock I saw.
WT 8.9
VIS 51
LCM 2
Pipe Str
@ 3757'
0.92 sh
3750
40
5"
10"
15"
20"
25"
LITHO
SAMPLE DESCRIPTIONS
OILST
REMAI





5" 10" 15" 20" 25" DRILLING TIME Minutes/Foot → Rate of Penetration Decreases	DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARK

CONTRACTOR Murfin Drlg (Co. #9) LOCATION 1635' FSL & 1970' FEL

LEASE Schmeid Ranch IP Dry SEC 4 TWP 12S RNG 17W

ELEVATION 2117' KB RTD 3757' COUNTY Ellis STATE Kansas