

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)</i> <i>(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	RJM Company
Well Name	HENRY J 2
Doc ID	1668749

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSet At	Material Record
4	3352	3362			N/A
4	3216	3220			250 gallons acid
4	3174	3180		3150	250 gallons acid
4	3032	3036			1000 gallons acid
4	3104	3108			1000 gallons acid
4	3058	3064			250 gallons acid
4	2946	2950			250 gallons acid
4	2870	2873			1000 gallons acid

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 2399

Date	9-8-22	Sec.	31	Twp.	15	Range	11	County	Russell	State	Ks	On Location		Finish	5:30 PM
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Location Dubuque - 1/2 E, N 1/4 into

Lease Henry J Well No. 2 Owner _____

Contractor Southwind #1 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 Longstring Charge To RSM Company

Hole Size 7 7/8" T.D. 3565' Street _____

Csg. 5 1/2" 15.50# Depth 3443.29' City _____ State _____

Tbg. Size _____ Depth _____ The above was done to satisfaction and supervision of owner agent or contractor.

Tool _____ Depth _____ Cement Amount Ordered 180 Com 10% Salt 5%

Cement Left in Csg. 10.47' Shoe Joint 10.47' Meas Line _____ Displace 81 3/4 BBLs Gilsonite - 500 gal mud Clear

EQUIPMENT Common 180

Pumptrk 17 No. David Poz. Mix _____

Bulktrk 14 No. Ross Gel. _____

~~Bulktrk~~ p.u. No. Rick Calcium _____

JOB SERVICES & REMARKS Hulls _____

Remarks: Set packer shoe w/ 1500# Salt 1/4

Rat Hole 305x Flowseal _____

Mouse Hole 15 Kol-Seal 800#

Centralizers 1-9 Mud CLR 48 500 gal

Baskets 2+4 CFL-117 or CD110 CAF 38

D/V or Port Collar pipe on bottom break Sand _____

Circulation pump 500 gal mud Handling 202

Clear, plug Rat + mouse holes. Mileage _____

Cement 5 1/2" Casing w/ 135 sx. **FLOAT EQUIPMENT**

Shut down wash pump + lines Guide Shoe _____

Displaced plug w/ 81 3/4 BBLs Centralizer 9

Released + held. Baskets 2

Lift pressure 700 # AFU Inserts _____

Land plug to 1500 #. Float Shoe 1

Latch Down 1 - Packer Shoe

Pumptrk Charge _____

Mileage 24

Signature [Signature] Tax _____

Discount _____

Total Charge _____

Thanks

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

– **TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

– **ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.

– **PRICES AND TAXES:** All merchandise listed in "QUALITY'S" current price shall schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.

– **TOWING CHARGES:** QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.

– **PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

– **DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

– **SERVICE CONDITIONS AND LIABILITIES:** 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be constructed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 2393

Date	9-2-22	Sec.	31	Twp.	15	Range	11	County	Russell	State	Ks	On Location		Finish	3:45 PM
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Lease	Henry J		Well No.	2	Owner	Dubuque - 1/2 E, N/INTO									
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Contractor	Southwind #1		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.												
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Type Job	Surface		Charge To RJM Company												
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Hole Size	12 1/4"		T.D.	733'		Street									
Csg.	8 5/8"		Depth	732'		City									
Tbg. Size			Depth	State											

Tool			Depth	The above was done to satisfaction and supervision of owner agent or contractor.												
Cement Left in Csg.	25'		Shoe Joint	25'		Cement Amount Ordered 350 60/40 4% CC 2% Gel										

Meas Line			Displace	45 BLS											
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EQUIPMENT			Common												
Pumptrk	17	No.	Cementer	2/10											
			Helper	1/40											
Bulktrk	13	No.	Driver	7											
			Driver	15											
Bulktrk	p.u.	No.	Driver												
			Driver												

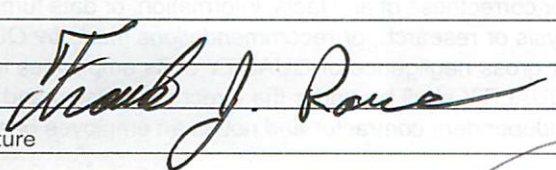

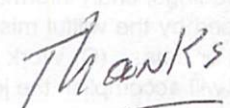
JOB SERVICES & REMARKS			Hulls												
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Remarks:	Salt													
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Rat Hole	Flowseal													
Mouse Hole	Cement did Circulate													
Centralizers	Mud CLR 48													
Baskets	CFL-117 or CD110 CAF 38													
D/V or Port Collar	Sand													
	Handling 372													
	Mileage													

FLOAT EQUIPMENT															
			Guide Shoe	Rubber plug											
			Centralizer												
			Baskets												
			AFU Inserts												
			Float Shoe												
			Latch Down												

			Pumptrk Charge	Long Surface											
			Mileage	24											

X Signature																
																Tax
																Discount
			Total Charge													

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(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

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Company: RJM Oil Company, Inc

Lease: Henry J #2

SEC: 31 TWN: 15S RNG: 11W
County: RUSSELL
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 2
Elevation: 1861 GL
Field Name: Driscoll
Pool: Infield
Job Number: 602
API #: 15-167-24128

Operation:

Uploading recovery & pressures

DATE

September
05
2022

DST #1 Formation: LKC A - F Test Interval: 3019 - 3110' Total Depth: 3110'

Time On: 18:30 09/05 Time Off: 01:29 09/06
Time On Bottom: 20:52 09/05 Time Off Bottom: 23:52 09/05

Electronic Volume Estimate:

1772'

1st Open
Minutes: 45

Current Reading:

105.6" at 45 min

Max Reading: 105.6"

1st Close
Minutes: 45

Current Reading:

0" at 45 min

Max Reading: 0"

2nd Open
Minutes: 45

Current Reading:

163.5" at 45 min

Max Reading: 163.5"

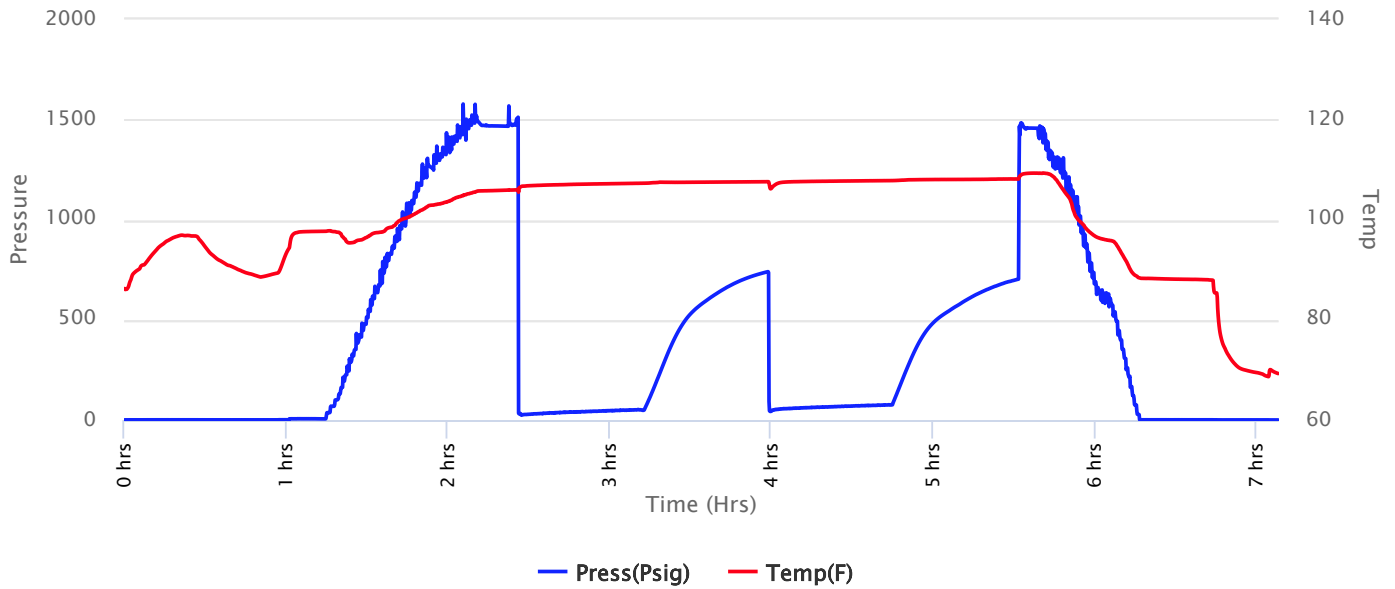
2nd Close
Minutes: 45

Current Reading:

0" at 45 min

Max Reading: 0"

Inside Recorder





Company: RJM Oil Company, Inc
Lease: Henry J #2

SEC: 31 TWN: 15S RNG: 11W
 County: RUSSELL
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 2
 Elevation: 1861 GL
 Field Name: Driscoll
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 Uploading recovery & pressures

DATE
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DST #1 **Formation: LKC A - F** **Test Interval: 3019 - 3110'** **Total Depth: 3110'**
 Time On: 18:30 09/05 Time Off: 01:29 09/06
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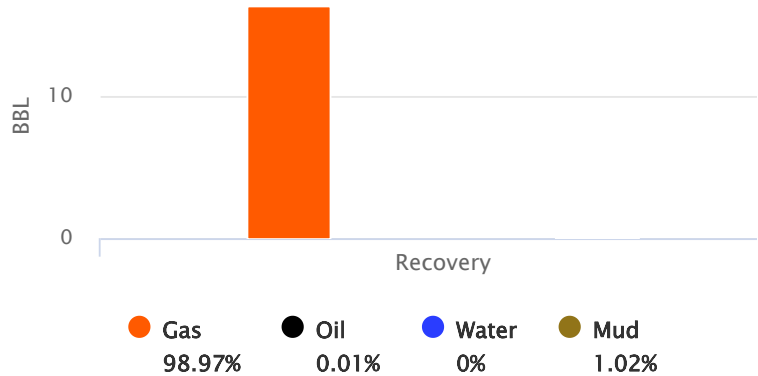
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
1152	16.39296	G	100	0	0	0
12/8	0.17076	SLOCM	0	1	0	99

Total Recovered: 1164 ft
 Total Barrels Recovered: 16.56372

Reversed Out
 NO

Initial Hydrostatic Pressure	1512	PSI
Initial Flow	31 to 62	PSI
Initial Closed in Pressure	741	PSI
Final Flow Pressure	47 to 77	PSI
Final Closed in Pressure	703	PSI
Final Hydrostatic Pressure	1468	PSI
Temperature	109	°F
Pressure Change Initial Close / Final Close	5.0	%

Recovery at a glance



GIP cubic foot volume: 92.03827



**Company: RJM Oil Company,
Inc**

Lease: Henry J #2

SEC: 31 TWN: 15S RNG: 11W
County: RUSSELL
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 2
Elevation: 1861 GL
Field Name: Driscoll
Pool: Infield
Job Number: 602
API #: 15-167-24128

Operation:

Uploading recovery &
pressures

DATE

September

05

2022

DST #1	Formation: LKC A - F	Test Interval: 3019 - 3110'	Total Depth: 3110'
	Time On: 18:30 09/05	Time Off: 01:29 09/06	
	Time On Bottom: 20:52 09/05	Time Off Bottom: 23:52 09/05	

BUCKET MEASUREMENT:

1st Open: 4 blow - built to bob at 2.5 mins

1st Close: No return

2nd Open: BoB

2nd Close: No return

REMARKS:

Tool Sample: 0% Gas 1% Oil 0% Water 99% Mud



**Company: RJM Oil Company,
Inc
Lease: Henry J #2**

SEC: 31 TWN: 15S RNG: 11W
County: RUSSELL
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 2
Elevation: 1861 GL
Field Name: Driscoll
Pool: Infield
Job Number: 602
API #: 15-167-24128

Operation:

Uploading recovery &
pressures

DATE

September

05

2022

DST #1 Formation: LKC A - F Test Interval: 3019 - 3110' Total Depth: 3110'

Time On: 18:30 09/05 Time Off: 01:29 09/06

Time On Bottom: 20:52 09/05 Time Off Bottom: 23:52 09/05

Mud Properties

Mud Type: Chem

Weight: 9.1

Viscosity: 53

Filtrate: 6.8

Chlorides: 4000 ppm



Company: RJM Oil Company, Inc
Lease: Henry J #2

SEC: 31 TWN: 15S RNG: 11W
 County: RUSSELL
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 2
 Elevation: 1861 GL
 Field Name: Driscoll
 Pool: Infield
 Job Number: 602
 API #: 15-167-24128

Operation:
 Uploading recovery & pressures

DATE
 September
05
 2022

DST #1 **Formation: LKC A - F** **Test Interval: 3019 - 3110'** **Total Depth: 3110'**
 Time On: 18:30 09/05 Time Off: 01:29 09/06
 Time On Bottom: 20:52 09/05 Time Off Bottom: 23:52 09/05

Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
------	---------	-----	-------

Time	Orifice	PSI	MCF/D
------	---------	-----	-------



Company: RJM Oil Company, Inc

Lease: Henry J #2

SEC: 31 TWN: 15S RNG: 11W
 County: RUSSELL
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 2
 Elevation: 1861 GL
 Field Name: Driscoll
 Pool: Infield
 Job Number: 602
 API #: 15-167-24128

Operation:

Uploading recovery & pressures

DATE

September
06
 2022

DST #2 Formation: LKC H - K Test Interval: 3175 - 3280' Total Depth: 3280'

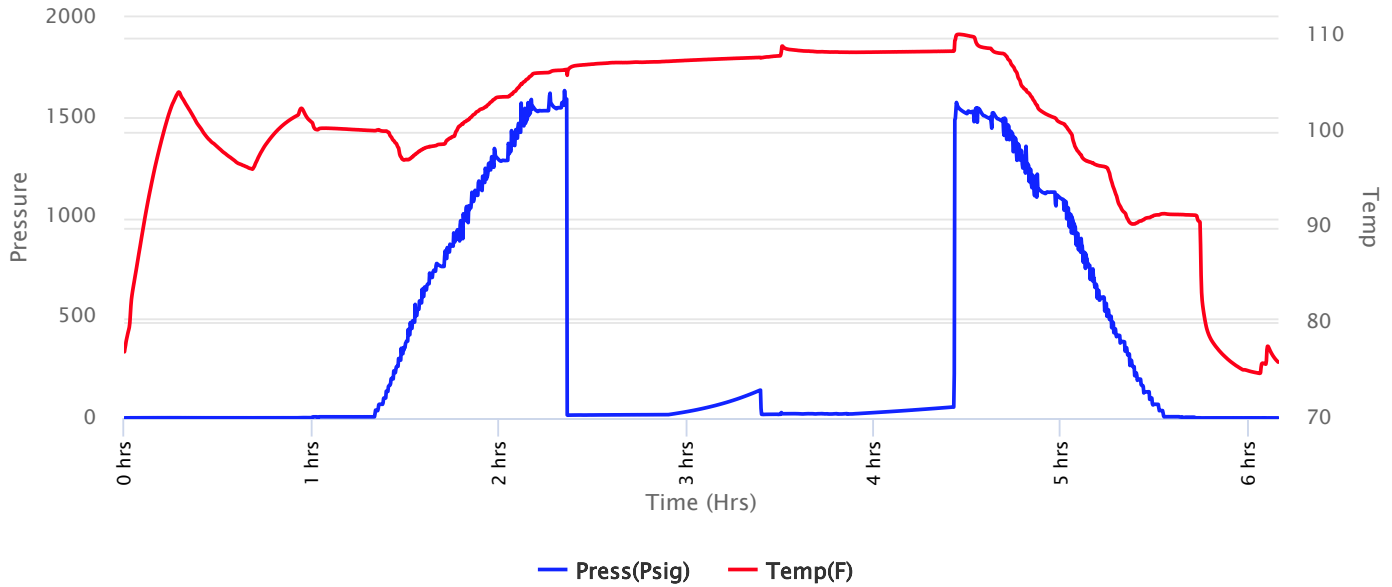
Time On: 17:53 09/06 Time Off: 23:52 09/06
 Time On Bottom: 20:10 09/06 Time Off Bottom: 22:10 09/06

Electronic Volume Estimate:

8'

1st Open Minutes: 30	1st Close Minutes: 30	2nd Open Minutes: 30	2nd Close Minutes: 30
Current Reading: .3" at 30 min	Current Reading: 0" at 30 min	Current Reading: .1" at 30 min	Current Reading: 0" at 30 min
Max Reading: .8"	Max Reading: 0"	Max Reading: .1"	Max Reading: 0"

Inside Recorder





Company: RJM Oil Company, Inc
Lease: Henry J #2

SEC: 31 TWN: 15S RNG: 11W
 County: RUSSELL
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 2
 Elevation: 1861 GL
 Field Name: Driscoll
 Pool: Infield
 Job Number: 602
 API #: 15-167-24128

Operation:
 Uploading recovery & pressures

DATE
 September
06
 2022

DST #2 **Formation: LKC H - K** **Test Interval: 3175 - 3280'** **Total Depth: 3280'**
 Time On: 17:53 09/06 Time Off: 23:52 09/06
 Time On Bottom: 20:10 09/06 Time Off Bottom: 22:10 09/06

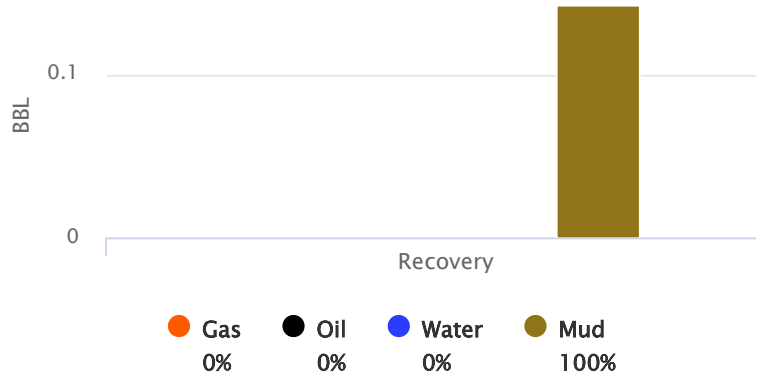
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
10	0.1423	M	0	0	0	100

Total Recovered: 10 ft
 Total Barrels Recovered: 0.1423

Reversed Out
 NO

Initial Hydrostatic Pressure	1588	PSI
Initial Flow	15 to 18	PSI
Initial Closed in Pressure	140	PSI
Final Flow Pressure	19 to 21	PSI
Final Closed in Pressure	56	PSI
Final Hydrostatic Pressure	1566	PSI
Temperature	110	°F
Pressure Change Initial Close / Final Close	60.6	%

Recovery at a glance



GIP cubic foot volume: 0



**Company: RJM Oil Company,
Inc**

Lease: Henry J #2

SEC: 31 TWN: 15S RNG: 11W
County: RUSSELL
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 2
Elevation: 1861 GL
Field Name: Driscoll
Pool: Infield
Job Number: 602
API #: 15-167-24128

Operation:

Uploading recovery &
pressures

DATE

September

06

2022

DST #2	Formation: LKC H - K	Test Interval: 3175 - 3280'	Total Depth: 3280'
	Time On: 17:53 09/06	Time Off: 23:52 09/06	
	Time On Bottom: 20:10 09/06	Time Off Bottom: 22:10 09/06	

BUCKET MEASUREMENT:

1st Open: .25 blow died back to surface

1st Close: No return

2nd Open: No blow, flushed tool @ 4 mins, surface blow

2nd Close: No return



**Company: RJM Oil Company,
Inc**

Lease: Henry J #2

SEC: 31 TWN: 15S RNG: 11W
County: RUSSELL
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 2
Elevation: 1861 GL
Field Name: Driscoll
Pool: Infield
Job Number: 602
API #: 15-167-24128

Operation:

Uploading recovery &
pressures

DATE

September

06

2022

DST #2 Formation: LKC H - Test Interval: 3175 - Total Depth: 3280'
K 3280'

Time On: 17:53 09/06

Time Off: 23:52 09/06

Time On Bottom: 20:10 09/06

Time Off Bottom: 22:10 09/06

Mud Properties

Mud Type: Chem

Weight: 9.4

Viscosity: 50

Filtrate: 8

Chlorides: 4000 ppm



Company: RJM Oil Company, Inc

Lease: Henry J #2

SEC: 31 TWN: 15S RNG: 11W
County: RUSSELL
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 2
Elevation: 1861 GL
Field Name: Driscoll
Pool: Infield
Job Number: 602
API #: 15-167-24128

Operation:

Uploading recovery & pressures

DATE

September
07
2022

DST #3 Formation: Arbuckle Test Interval: 3317 - 3354' Total Depth: 3354'

Time On: 08:55 09/07 Time Off: 13:28 09/07
Time On Bottom: 10:27 09/07 Time Off Bottom: 12:07 09/07

Electronic Volume Estimate:

2'

1st Open

Minutes: 30

Current Reading:

.1" at 30 min

Max Reading: .1"

1st Close

Minutes: 30

Current Reading:

0" at 30 min

Max Reading: 0"

2nd Open

Minutes: 20

Current Reading:

0" at 20 min

Max Reading: .1"

2nd Close

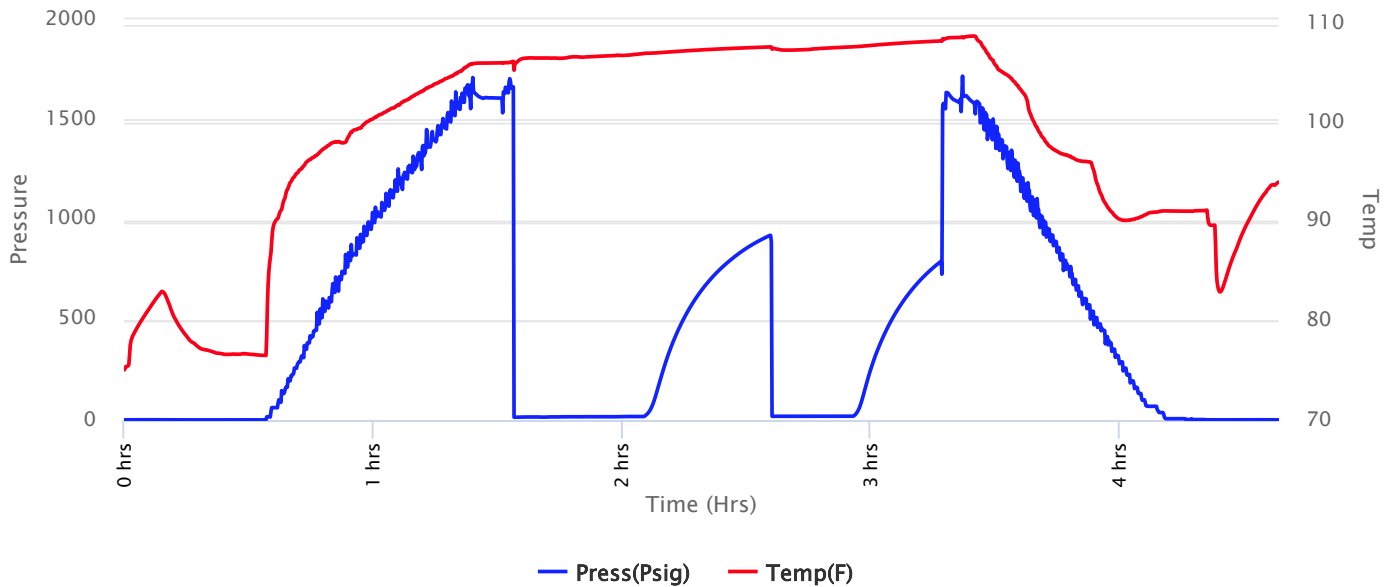
Minutes: 20

Current Reading:

0" at 20 min

Max Reading: 0"

Inside Recorder





Company: RJM Oil Company, Inc
Lease: Henry J #2

SEC: 31 TWN: 15S RNG: 11W
 County: RUSSELL
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 2
 Elevation: 1861 GL
 Field Name: Driscoll
 Pool: Infield
 Job Number: 602
 API #: 15-167-24128

Operation:
 Uploading recovery & pressures

DATE
 September
07
 2022

DST #3 Formation: Arbuckle Test Interval: 3317 - 3354' Total Depth: 3354'
 Time On: 08:55 09/07 Time Off: 13:28 09/07
 Time On Bottom: 10:27 09/07 Time Off Bottom: 12:07 09/07

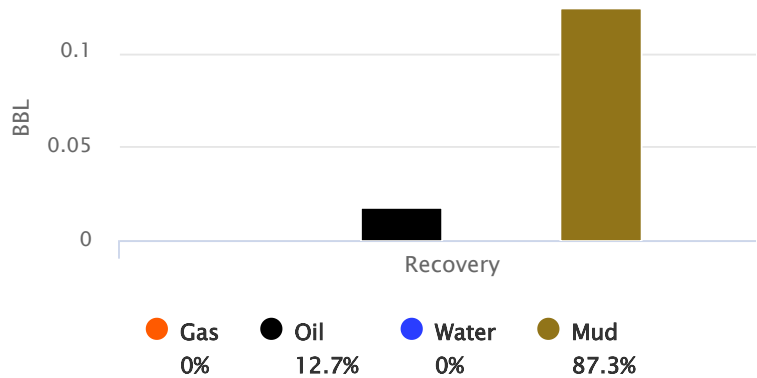
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
1	0.01423	O	0	100	0	0
9	0.12807	SLOCM	0	3	0	97

Total Recovered: 10 ft
 Total Barrels Recovered: 0.1423

Reversed Out
 NO

Initial Hydrostatic Pressure	1656	PSI
Initial Flow	15 to 19	PSI
Initial Closed in Pressure	921	PSI
Final Flow Pressure	19 to 20	PSI
Final Closed in Pressure	791	PSI
Final Hydrostatic Pressure	1626	PSI
Temperature	109	°F
Pressure Change Initial Close / Final Close	14.1	%

Recovery at a glance



GIP cubic foot volume: 0



**Company: RJM Oil Company,
Inc**

Lease: Henry J #2

SEC: 31 TWN: 15S RNG: 11W
County: RUSSELL
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 2
Elevation: 1861 GL
Field Name: Driscoll
Pool: Infield
Job Number: 602
API #: 15-167-24128

Operation:

Uploading recovery &
pressures

DATE

September

07

2022

DST #3 Formation: Arbuckle Test Interval: 3317 - Total Depth: 3354'
3354'

Time On: 08:55 09/07

Time Off: 13:28 09/07

Time On Bottom: 10:27 09/07

Time Off Bottom: 12:07 09/07

BUCKET MEASUREMENT:

1st Open: .25 blow died back to surface

1st Close: No return

2nd Open: Surface blow died at 13 mins

2nd Close: No return

REMARKS:

Tool Sample: 0% Gas 1% Oil 0% Water 99% Mud



**Company: RJM Oil Company,
Inc**
Lease: Henry J #2

SEC: 31 TWN: 15S RNG: 11W
County: RUSSELL
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 2
Elevation: 1861 GL
Field Name: Driscoll
Pool: Infield
Job Number: 602
API #: 15-167-24128

Operation:
Uploading recovery &
pressures

DATE
September
07
2022

DST #3 Formation: Arbuckle Test Interval: 3317 - Total Depth: 3354'
3354'
Time On: 08:55 09/07 Time Off: 13:28 09/07
Time On Bottom: 10:27 09/07 Time Off Bottom: 12:07 09/07

Down Hole Makeup

Heads Up: 12.35 FT	Packer 1: 3312 FT
Drill Pipe: 3296.78 FT <i>ID-3 1/2</i>	Packer 2: 3317 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3301.42 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 3353 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 38	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 37 FT <i>4 1/2-FH</i>	



**Company: RJM Oil Company,
Inc**
Lease: Henry J #2

SEC: 31 TWN: 15S RNG: 11W
County: RUSSELL
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 2
Elevation: 1861 GL
Field Name: Driscoll
Pool: Infield
Job Number: 602
API #: 15-167-24128

Operation:

Uploading recovery &
pressures

DATE

September

07

2022

DST #3 Formation: Arbuckle Test Interval: 3317 - Total Depth: 3354'
3354'

Time On: 08:55 09/07

Time Off: 13:28 09/07

Time On Bottom: 10:27 09/07

Time Off Bottom: 12:07 09/07

Mud Properties

Mud Type: Chem

Weight: 9.5

Viscosity: 51

Filtrate: 8.8

Chlorides: 6000 ppm



**Company: RJM Oil Company,
Inc**
Lease: Henry J #2

SEC: 31 TWN: 15S RNG: 11W
County: RUSSELL
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 2
Elevation: 1861 GL
Field Name: Driscoll
Pool: Infield
Job Number: 602
API #: 15-167-24128

Operation:

Uploading recovery &
pressures

DATE

September
07
2022

DST #3 Formation: Arbuckle Test Interval: 3317 - Total Depth: 3354'
3354'
Time On: 08:55 09/07 Time Off: 13:28 09/07
Time On Bottom: 10:27 09/07 Time Off Bottom: 12:07 09/07

Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
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Time	Orifice	PSI	MCF/D
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STEVEN P. MURPHY, PG (KS LIC #228)

2501 ZARAH DRIVE

GREAT BEND, KS 67530

CELL: 620-639-3030

EMAIL: GEOMURPHY55@GMAIL.COM

**Scale 1:240 (5"=100') Imperial
Measured Depth Log**

Well Name: Henry J#2
API: 15-167-24128-00-00
Location: SE NW NW SW Sec 31-15S-R11W
License Number: 30458
Spud Date: 9-01-2022
Surface Coordinates: 2154' FSL & 594' FWL
Sec 31-T15S-R11W
Bottom Hole Vertical Well, no significant deviation
Coordinates:
Ground Elevation (ft): 1861' **K.B. Elevation (ft): 1871'**
Logged Interval (ft): 2600' **To: 3565'** **Total Depth (ft): RTD - 3564'** **Log TD - 3365'**
Formation: Pennsylvanian through Ordovician (Arbuckle)
Type of Drilling Fluid: Chemical PAC (Andy's Mud)

Region: Kansas
Drilling Completed: 9-08-2022

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

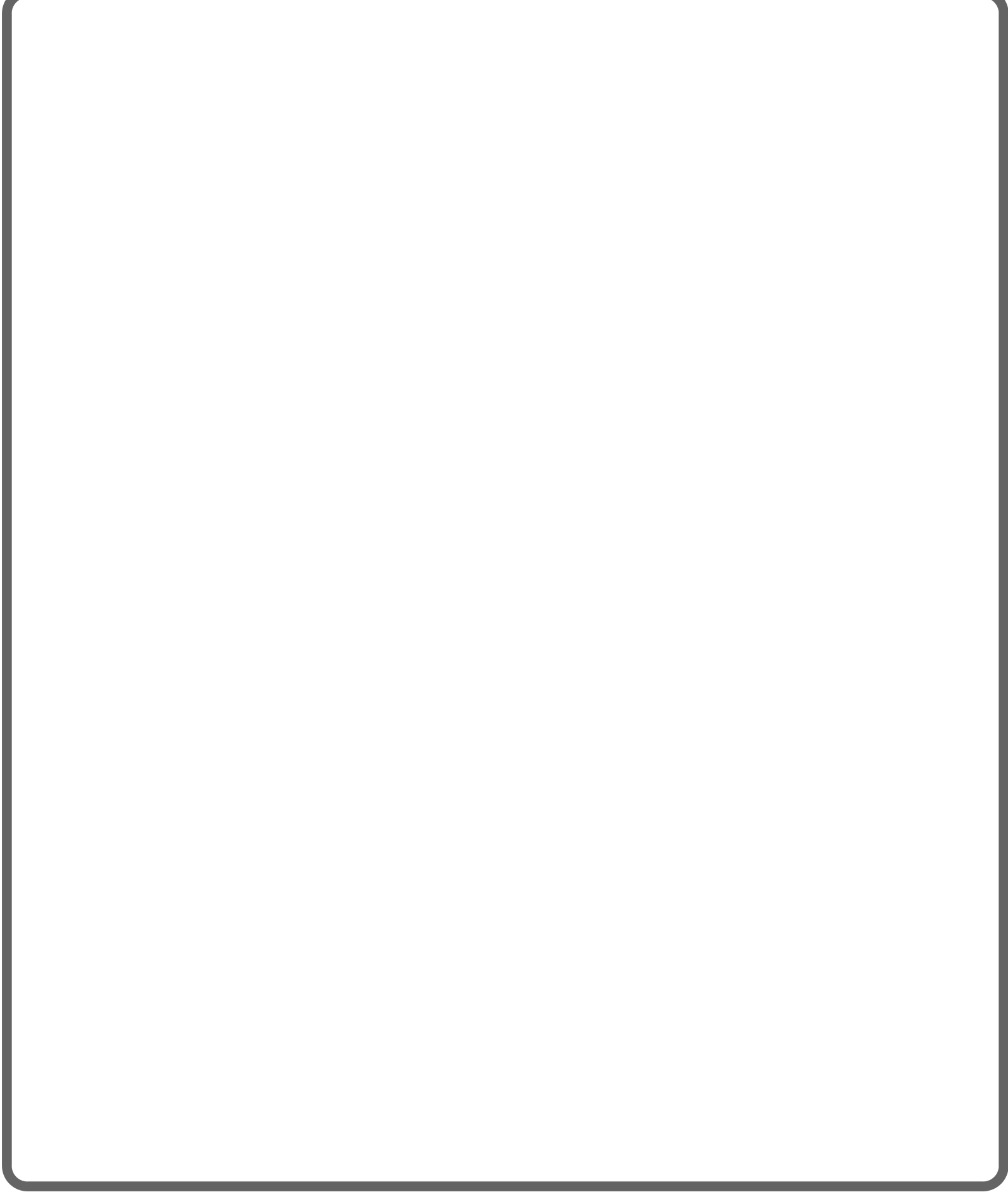
Company: RJM Oil Co.
Address: P.O. Box 256
Clafin, KS 67525-0256

GEOLOGIST

Name: Steven P. Murphy, PG (KS license #228)
Company: Consulting Petroleum Geologist
Address: 2501 Zarah Drive
Great Bend, KS 67530


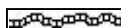
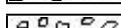
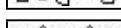
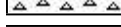
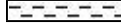









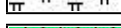


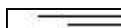



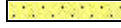

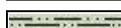
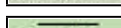
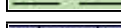
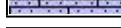


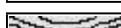
REMARKS

MIRU Southwind Drilling Rig #1 on 9/01/22. Set 8 5/8 surface casing @ 732.65, survey @ 733'-3/4 deg.



ROCK TYPES

LITHOLOGY

-  Anhy
-  Bent
-  Brec
-  Cht
-  Clyst
-  Coal
-  Congl
-  Dol
-  Gyp
-  Igne
-  Lmst
-  Meta
-  Mrlst
-  Salt
-  Shale
-  Shcol
-  Shgy
-  Slstst
-  Ss
-  Till
-  Slstsn
-  Shale
-  Sandylms
-  Lms
-  Gry sh
-  Dtd
-  Dol
-  Carb sh
-  pipesymbol
-  unknown lith
-  Red shale

FOSSIL

-  Oomoldic
-  Fuss
-  Algae

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MINERAL

-  Silty
-  Sand
-  Dol
-  Chlorite
-  Anhy
-  Arggrn
-  Arg
-  Bent
-  Bit
-  Brecfrag
-  Calc
-  Carb
-  Chtdk
-  Chtlt
-  Dol

- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom












STRINGER

-  Red shale
-  Sh
-  Sandylms
-  Lms
-  Gryslt
-  Grysh
-  Dol
-  Clystn
-  Carbsh
-  Anhy
-  Arg
-  Bent
-  Coal
-  Dol
-  Gyp
-  Ls
-  Mrst






- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff

-  Slststrg
-  Ssstrg





TEXTURE

-  Boundst
-  Chalky
-  Cryxln
-  Earthy
-  Finexln
-  Grainst
-  Lithogr
-  Microxln
-  Mudst
-  Packst
-  Wackest


OIL SHOW

-  Gas show
-  Good
-  Fair
-  Poor
-  Dead

INTERVAL

-  Dst
-  Core
-  Dst
-  Straddle test tail pip

EVENT

-  Rft
-  Sidewall
-  Dst
-  Open hole
-  Perforations

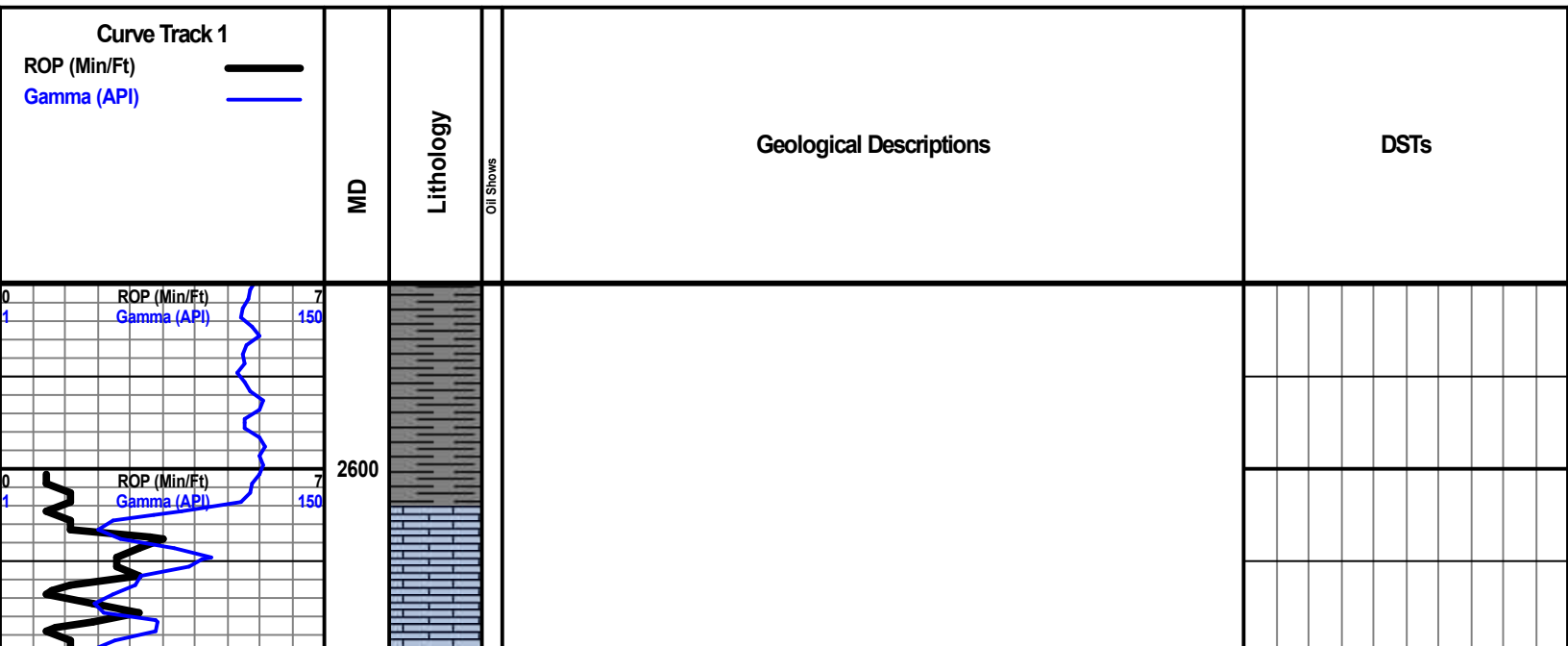
COMMENTS

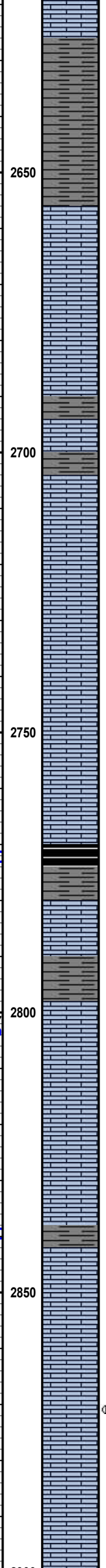
Open hol logging performed by ELI

The following are log tops with associated datums:

- Anhydrite Top - 731 (+1140)
- Anhydrite Base - 758 (+1113)
- Topeka - 2644 (-773)
- Heebner - 2929 (-1058)
- Toronto - 2944(-1073)
- Douglas - 2956 (-1085)
- Brown Lime - 3015 (-1144)
- Lansing - 3030(-1159)
- BKC - 3295 (-1424)
- Arbuckle - 3350 (-1479)

Based on the negative results of DST's, 5-1/2" casing was set to complete the well as a deep disposal.





SH: gry

TOPEKA 2644 (-773)

LS: tan-bm-gry, vfxln, foss, NS

LS: cm-tan-bm, vfxln, foss, NS

SH: gry

LS: cm-tan-gry, vfxln, sl. foss, NS

LS: cm-bm-gry, vfxln, foss, sl chalky, NS

LS: as above

LS: wht-bm, vfxln, foss, chalky, NS

LS: as above

SH: gry-blk

LS: wht-tan-gry, vfxln, foss, pr ppt por, NS

SH: gry

LS: tan-gry, vfxln, foss, sl chalky, NS

LS: as above

LS: as above

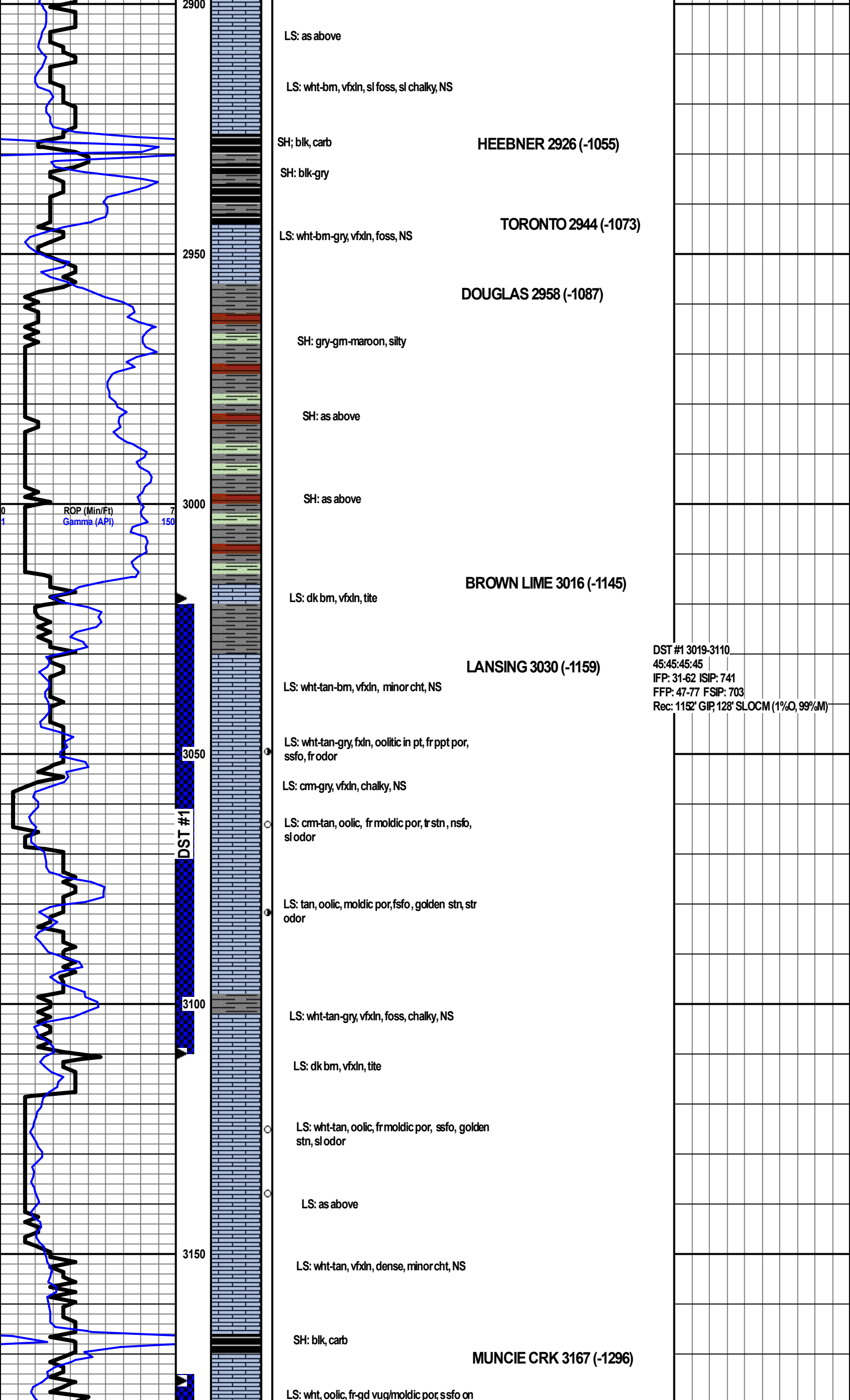
SH: blk-gry

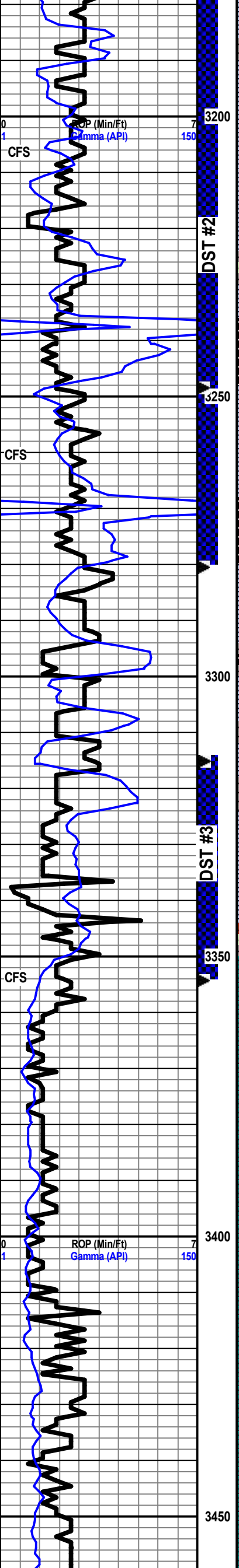
LS: wht-tan, fxl, foss, sl odor (?), NS

LS: wht-tan-gry, fxl, foss, sl chalky, ssfo, sl stn, frodor

LS: as above

LS: cm-tan-bm, vfxln, oolic, proom por, dead stn, nsfo, sl odor





brk, golden stn, fr odor

LS: wht-tan, vfxln, sl chalky, tite, minor cht, sl chalky, NS

LS:cm-tan, ool, vuggy por in pt, ssfo, fr odor

LS: cm-tan, oolic, fr-gd vug por, oolic por, NS

SH: gry-gm

LS: wht-tan-gry, vfxln, sl cht/chalky, NS

SH: blk, carb

LS: tan, oolic, mostly tite w/rare vug por, lite stn, por, ssfo, sl odor

LS: wht-tan-gry, vfxln, tite, minor cht/chalk, NS

SH: blk, carb

LS: wht-tan-gry, vfxln, dense, sl chalky, minor cht, NS

SH: blk-gry-maroon

LS: wht-tan-gry, vfxln, sl foss, dense, tr hvy oil stn, no odor

LS: cm-bm, vfxln, tite, sl chalky, NS

LS: as above

SH: gm-gry-maroon

DOL: wht-tan, m-cxln, fr-gd inxln por, ssfo, lite stn, strodor

DOL: as above

DOL: as above

DOL: as above

DOL: wht, vfxln, dense, NS

DOL: as above

DOL: wht-tan, vfxln, dense, blocky, NS

DOL: as above, w/minor cht, NS

STARK 3238 (-1367)

HUSHPUCKNEY 3269 (-1398)

BKC 3296 (-1425)

ARBUCKLE 3350 (-1479)

Strap - 4' long
(Correction made to geolograph)

Survey - 1 deg

DST #2 3175-3280
30:30:30:30
IFP: 15-18 ISIP: 140
FFP: 19-21 FSIP: 56
Rec: 10' M

DST #3 3317-3354
45:45:45:45
IFP: 15-19 ISIP: 921
FFP: 19-20 FSIP: 791
Rec: 1' O, 9' SLOCM (3%O, 97%M)

