

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 _____ 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	IGWT, Inc.
Well Name	S&W 1
Doc ID	1728972

All Electric Logs Run

MICRO
BHV
POROSITY
INDUCTION

Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045



Date	Invoice #
4/6/2023	7171

Bill To	
IGWT Oil & Gas PO Box 550 Rose Hill, KS 67133-0550	
Customer ID#	1380

Job Date	4/4/2023
Lease Information	
S&W #1	
County	Butler
Foreman	DG

Item	Description	Qty	Terms	Net 15
			Rate	Amount
C101	Cement Pump-Surface	1	950.00	950.00
C107	Pump Truck Mileage (one way)	60	5.00	300.00
C200	Class A Cement-94# sack	165	18.55	3,060.75T
C205	Calcium Chloride	465	0.75	348.75T
C206	Gel Bentonite	310	0.30	93.00T
C209	Flo-Seal	40	2.80	112.00T
C108B	Ton Mileage-per mile (one way)	465	1.50	697.50
C606	8 5/8" Cement Basket	1	380.00	380.00T
D101	Discount on Services		-97.38	-97.38
D102	Discount on Materials		-199.73	-199.73T

We appreciate your business!

Phone #	Fax #	E-mail
620-583-5561	620-583-5524	rene@elitecementing.com

Send payment to:
 Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045

Subtotal	\$5,644.89
Sales Tax (6.5%)	\$246.66
Total	\$5,891.55
Payments/Credits	\$0.00
Balance Due	\$5,891.55

810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report
 Ticket No. **7171**
 Foreman Dwain Gardner
 Camp Cureka

API # 15-015-24201

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
4-4-23	1380	S4W #1	31	23S	4E	Kuttler	KS
Customer IGWT Oil & Gas			Safety Meeting DG SF BW	Unit #	Driver	Unit #	Driver
Mailing Address P.O. Box 550				111	Shannon		
City Rose Hill				115	Baker		
State KS		Zip Code 67133					

Job Type Surface Hole Depth 224' K.B. Slurry Vol. 40 Bbl Total Tubing _____
 Casing Depth 209' G.L. Hole Size 12 1/4" Slurry Wt. 15[#] Drill Pipe _____
 Casing Size & Wt. 8 7/8" 23" Cement Left in Casing 15 1/4" Water Gal/SK _____ Other _____
 Displacement 13 Bbl Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: Safety Meeting: Rig lost circulation @ approximately 45' below G.L. & couldn't get it back. Run casing in w/ a cement basket @ 42' below G.L. Note: Fluid level was 40' below G.L. & wouldn't return to surface. Rig up to 8 7/8" casing. Pump 5 Bbl fresh water. Mixed 140 sks Class A Cement w/ 3% Cact, 2% Gel, 1/4" Floccul/SK @ 15[#]/gal, yield 1.35 = 34 Bbl slurry. Displace w/ 13 Bbl fresh water. Shut down. Close casing in. No circulation. Pump 25 sks Class A Cement w/ 3% Cact, 2% Gel, 1/4" Floccul/SK @ 15[#]/gal, yield 1.35 = 6 Bbl slurry from the top down to annulus w/ Hulls. Good cement to surface. Annulus standing full of cement 30 minutes later. Job complete. Rig down.

Note: Cottonseed Hulls came from Drilling Rig. Mixed 40" in w/ Bottom cement.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	950.00	950.00
C107	60	Mileage	5.00	300.00
C200	165 sks	Class A Cement	18.55	3060.75
C205	465 [#]	Cact 3%	.75	348.75
C206	310 [#]	Gel 2%	.30	93.00
C209	40 [#]	Floccul 1/4"/SK	2.80	112.00
C108B	7.75 Tons	Ton Mileage-60 Miles	1.50	697.50
C606	1	8 7/8" Cement Basket	380.00	380.00
Thank You			Sub Total	5,942.00
			Less 5%	-310.09
			Sales Tax	259.64

Authorization by Timmy Stack Title C46 Dir. - Tool Puller Total 5891.55

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

TERMS

In consideration of the prices to be charged by Elite Cementing & Acidizing of Kansas, LLC (ELITE) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay ELITE interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event ELITE retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by ELITE.

Any applicable federal, state or local sales, use, consumer or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All ELITE prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by ELITE. The Customer shall at all times have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises around the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service to be performed.

- (a) ELITE shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a "claim") for damage to property, injury to or death of employees and representatives of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of ELITE, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.
- (b) Unless a claim is the result of the sole willful misconduct or gross negligence of ELITE, Customer shall be responsible for and indemnify and hold ELITE harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by ELITE; (3) injury to or death of persons, other than employees of ELITE, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; (4) well damage or reservoir damaged caused by (i) loss of circulation, cement invasion, cement misplacement, pumping

cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) subsurface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. ELITE may furnish down-hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage or loss resulting from the use of such tools. Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

- (c) ELITE makes no guarantee of the effectiveness of any ELITE products, supplies or materials, or the results of any ELITE treatment or services.
- (d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ELITE is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ELITE. ELITE personnel will use their best efforts in gathering such information and their best judgment in interpreting it. Customer agrees that ELITE shall not be responsible for any damage arising from the use of such information except where due to ELITE's gross negligence or willful misconduct in the preparation or furnishing of it.
- (e) ELITE may buy and resell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that ELITE is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify ELITE against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

WARRANTIES – LIMITATION OF LIABILITY

ELITE warrants its title to the products, supplies, and materials used or sold to the customer. **ELITE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** ELITE's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any ELITE products or services is expressly limited to the replacement of such or their return to ELITE or, at ELITE's option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against ELITE for any special, incidental, indirect, consequential or punitive damages.

Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045



Date	Invoice #
4/12/2023	7173

Bill To	
IGWT Oil & Gas PO Box 550 Rose Hill, KS 67133-0550	
Customer ID#	1380

Job Date	4/7/2023
Lease Information	
S&W #1	
County	Butler
Foreman	DG

Item	Description	Qty	Terms	Net 15
			Rate	Amount
C102	Cement Pump-Longstring	1	1,180.00	1,180.00
C107	Pump Truck Mileage (one way)	60	5.00	300.00
C203	Pozmix Cement 60/40	350	15.75	5,512.50T
C206	Gel Bentonite	1,805	0.30	541.50T
C208	Pheno Seal	700	1.55	1,085.00T
C201	Thick Set Cement	100	24.25	2,425.00T
C208	Pheno Seal	200	1.55	310.00T
C108B	Ton Mileage-per mile (one way)	1,233	1.50	1,849.50
C661	5 1/2" AFU Float Shoe	1	364.00	364.00T
C421	5 1/2" Latch Down Plug	1	285.00	285.00T
C604	5 1/2" Cement Basket	2	278.00	556.00T
C504	5 1/2" Centralizer	5	59.00	295.00T
D101	Discount on Services		-166.47	-166.47
D102	Discount on Materials		-568.70	-568.70T

We appreciate your business!

Phone #	Fax #	E-mail
620-583-5561	620-583-5524	rene@elitecementing.com

Send payment to:
 Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045

Subtotal	\$13,968.33
Sales Tax (6.5%)	\$702.34
Total	\$14,670.67
Payments/Credits	\$0.00
Balance Due	\$14,670.67

1944

1944

1944

DATE	DESCRIPTION	AMOUNT	BALANCE
1/1	Balance		100.00
1/15	Income	50.00	150.00
2/1	Expenses	20.00	130.00
2/15	Income	30.00	160.00
3/1	Expenses	10.00	150.00
3/15	Income	40.00	190.00
4/1	Expenses	15.00	175.00
4/15	Income	25.00	200.00
5/1	Expenses	10.00	190.00
5/15	Income	35.00	225.00
6/1	Expenses	12.00	213.00
6/15	Income	30.00	243.00
7/1	Expenses	18.00	225.00
7/15	Income	28.00	253.00
8/1	Expenses	14.00	239.00
8/15	Income	32.00	271.00
9/1	Expenses	16.00	255.00
9/15	Income	26.00	281.00
10/1	Expenses	11.00	270.00
10/15	Income	31.00	301.00
11/1	Expenses	13.00	288.00
11/15	Income	29.00	317.00
12/1	Expenses	17.00	300.00
12/15	Income	33.00	333.00
12/31	Balance		333.00

DATE	DESCRIPTION	AMOUNT	BALANCE
1/1	Balance		100.00
1/15	Income	50.00	150.00
2/1	Expenses	20.00	130.00
2/15	Income	30.00	160.00
3/1	Expenses	10.00	150.00
3/15	Income	40.00	190.00
4/1	Expenses	15.00	175.00
4/15	Income	25.00	200.00
5/1	Expenses	10.00	190.00
5/15	Income	35.00	225.00
6/1	Expenses	12.00	213.00
6/15	Income	30.00	243.00
7/1	Expenses	18.00	225.00
7/15	Income	28.00	253.00
8/1	Expenses	14.00	239.00
8/15	Income	32.00	271.00
9/1	Expenses	16.00	255.00
9/15	Income	26.00	281.00
10/1	Expenses	11.00	270.00
10/15	Income	31.00	301.00
11/1	Expenses	13.00	288.00
11/15	Income	29.00	317.00
12/1	Expenses	17.00	300.00
12/15	Income	33.00	333.00
12/31	Balance		333.00

810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report
 Ticket No. 7173
 Foreman David Gardner
 Camp Eureka

API* 15-015-24201

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
4-7-23	1380	S+W #1	31	23S	4E	Butler	KS
Customer			Unit #	Driver		Unit #	Driver
16WT Oil + Gas Mailing Address P.O. Box 550 City Rose Hill State KS Zip Code 67133-0550			104	Alan M.			
			113	Jason H.			
			115	Shannon F.			
			110	Dan K.			

Job Type Longstring Hole Depth 2522' K.B. Slurry Vol. 103 Bbl Lead 32 Bbl Tail Tubing _____
 Casing Depth 2506' G.L. Hole Size 7 7/8" Slurry Wt. 12.7" + 13.6" Drill Pipe _____
 Casing Size & Wt. 5 1/2" 17" Cement Left in Casing 0' Water Gall/SK _____ Other _____
 Displacement 59 3/4 Bbl Displacement PSI 1000 Bump Plug to 1500 PSI BPM _____

Remarks: Safety Meeting: 5 1/2" 17" casing set @ 2506' G.L. Rig up to 5 1/2" casing. Break circulation w/ 10 Bbl fresh water. Mixed 350 SKS 60/40 Pozmix Cement w/ 6% Gel, 2" Phenoseal/SK @ 12.7"/gal, yield 1.65 = 103 Bbl slurry. Tail in w/ 100 SKS Thick Set Cement w/ 2" Phenoseal/SK @ 13.6"/gal, yield 1.80 = 32 Bbl slurry. Wash out pump & lines. Shut down. Release Latch Down Plug. Displace plug to seat w/ 59 3/4 Bbl fresh water. Final pumping pressure of 1000 PSI. Bump plug to 1500 PSI. Wait 2 mins. Release pressure. Float & Plug held. Good cement returns to surface = 15 Bbl slurry to pit. Plug Rathole & Mousehole w/ excess cement. Job complete. Rig down.

Centralizers on #1,4,7,9,11 Baskets on #5 + 20

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C102	1	Pump Charge	1180.00	1180.00
C107	60	Mileage	5.00	300.00
C203	350 SKS	60/40 Pozmix Cement	15.75	5512.50
C206	1805*	Gel 6%	.30	541.50
C208	700*	Phenoseal 2"/SK	1.55	1085.00
C201	100 SKS	Thick Set Cement	24.25	2425.00
C208	200*	Phenoseal 2"/SK	1.55	310.00
C108B	20.55 Tons	Ton Mileage - 60 Miles	1.50	1849.50
C1661	1	5 1/2" AFU Float Shoe w/ Latch Down Insect	364.00	364.00
C421	1	5 1/2" Latch Down Plug	285.00	285.00
C604	2	5 1/2" Cement Baskets	278.00	556.00
C504	5	5 1/2" x 7 7/8" Centralizers	59.00	295.00
			Sub Total	14703.50
			Less 5%	2205.53
			6.5% Sales Tax	739.31
Authorization _____ Title _____			Total	14670.67

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

TERMS

In consideration of the prices to be charged by Elite Cementing & Acidizing of Kansas, LLC (ELITE) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay ELITE interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event ELITE retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by ELITE.

Any applicable federal, state or local sales, use, consumer or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All ELITE prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by ELITE. The Customer shall at all times have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises around the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service to be performed.

- (a) ELITE shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a "claim") for damage to property, injury to or death of employees and representatives of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of ELITE, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.
- (b) Unless a claim is the result of the sole willful misconduct or gross negligence of ELITE, Customer shall be responsible for and indemnify and hold ELITE harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by ELITE; (3) injury to or death of persons, other than employees of ELITE, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; (4) well damage or reservoir damaged caused by (i) loss of circulation, cement invasion, cement misplacement, pumping

cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) subsurface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. ELITE may furnish down-hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage or loss resulting from the use of such tools. Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

- (c) ELITE makes no guarantee of the effectiveness of any ELITE products, supplies or materials, or the results of any ELITE treatment or services.
- (d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ELITE is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ELITE. ELITE personnel will use their best efforts in gathering such information and their best judgment in interpreting it. Customer agrees that ELITE shall not be responsible for any damage arising from the use of such information except where due to ELITE's gross negligence or willful misconduct in the preparation or furnishing of it.
- (e) ELITE may buy and resell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that ELITE is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify ELITE against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

WARRANTIES – LIMITATION OF LIABILITY

ELITE warrants its title to the products, supplies, and materials used or sold to the customer. **ELITE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** ELITE's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any ELITE products or services is expressly limited to the replacement of such or their return to ELITE or, at ELITE's option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against ELITE for any special, incidental, indirect, consequential or punitive damages.

IGWT, Inc.
Rose Hill, Kansas

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

Well Name: S & W #1
API: 15-015-24201
Location: NW NW section 31-T23S-R4E
License Number: 3167
Spud Date: 4-3-23
Surface Coordinates:
Region: Butler County, KS
Drilling Completed: 4/6/23

Bottom Hole
Coordinates:
Ground Elevation (ft): 1367
Logged Interval (ft): 1800
Formation: Kinderhook
Type of Drilling Fluid: Chemical
K.B. Elevation (ft): 1376
To: R.T.D. Total Depth (ft): 2520

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

OPERATOR

Company: IGWT, Inc.
Address: P.O. Box 550
Rose Hill, Kansas 67133-0550

GEOLOGIST

Name: William M. Stout
Company:
Address: 1441 N. Rock Road #1903
Wichita, Kansas. 67206

Formation Tops

G.L. 1367 K.B. 1376

	Sample	Log
Lansing	1829 -453	1829 -453
Bonner Springs	1937 -561	1936 -560
Kansas City	2072 -696	2072 -696
BKC	2220 -844	2219 -843
Marmaton	2289 -913	2288 -912
Altamont	2322 -946	2321 -945
Cherokee	2402 -1026	2400 -1024
Mississippi	2404 -1028	2402 -1026
Kinderhook	2459 -1083	2456 -1080
Total Depth	2520 -1144	2522 -1146


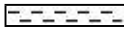
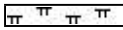
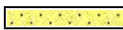
Casing

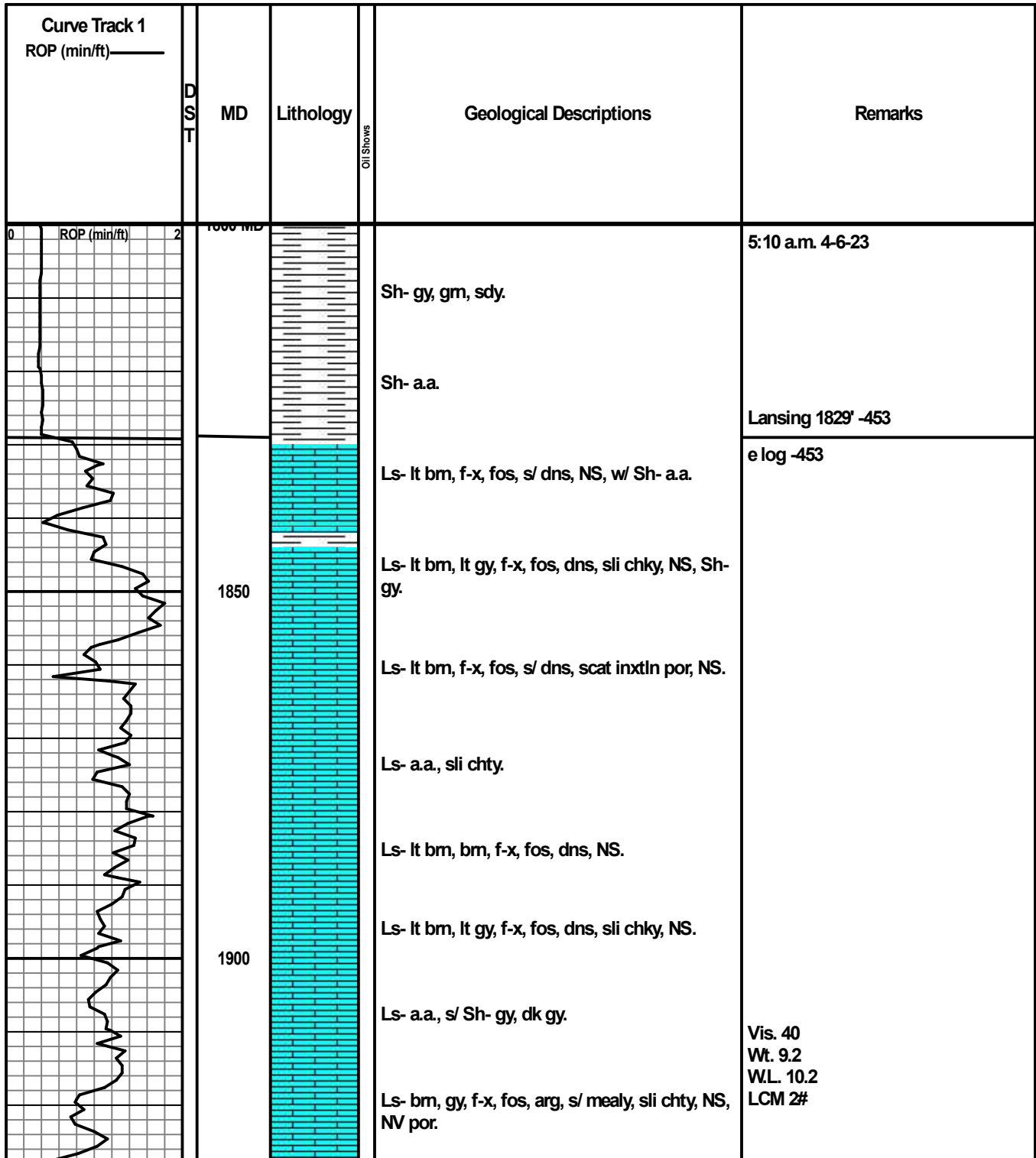
209' 8 5/8" surface casing @ 219' with 165 sacks cement.
5 1/2" production casing.

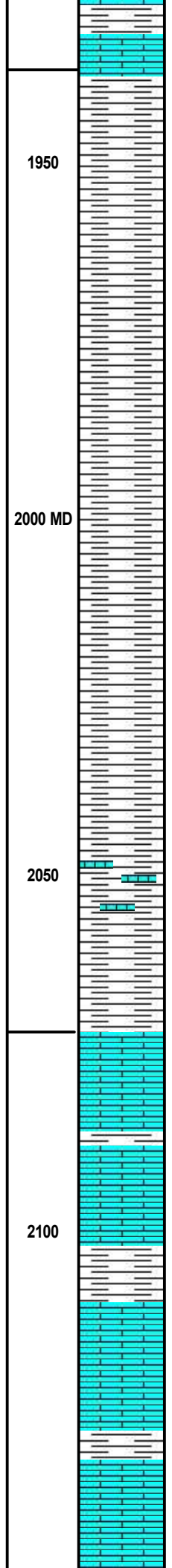
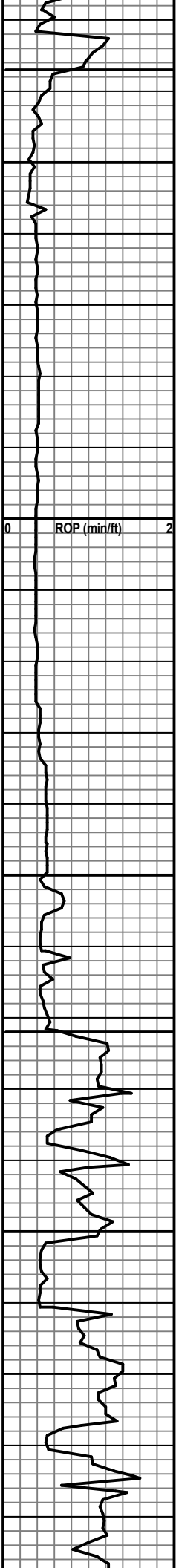
Comments

The decision was made to set 5 1/2" casing to further evaluate the Mississippi through perforations.

ROCK TYPES

 Anhy	 Clyst	 Gyp	 Mrlst	 Shgy
 Bent	 Coal	 Igne	 Salt	 Sltst
 Brec	 Congl	 Lmst	 Shale	 Ss
 Cht	 Dol	 Meta	 Shcol	 Till





Ls- a.a., s/ Sh- gy.

Sh- gy, dk gy, calc, Ls- a.a.

Sh- gy, gm, s/ sdy, calc.

Sh- a.a.

Sh- gy, m gy, s/ sdy.

Sh- a.a.

Sh- gy, gm, sdy.

Sh- a.a.

Sh- gy, m gy, s/ sdy.

Sh- a.a., w/ tr Ls- lt bm, f-x, fos, s/ chky, NS.

Sh & Ls- a.a.

Ls- lt bm, lt gy, f-x, fos, dns, s/ chky, NS, NV por, Sh- a.a.

Ls- lt bm, bm, lt gy, f-x, fos, dns, sli chty, NS.

Ls- lt gy, lt bm, f-x, fos, dns, s/ Sh- dk gy.

Ls- gy, lt gy, lt bm, f-x, fos, dns, sli chty, s/ Sh- gy, dk gy.

Ls- lt bm, f-x, fos, chky, dns, NS.

Ls- lt bm, lt gy, f-x, fos, dns, NS, s/ Sh- dk gy, gm.

Ls- lt bm, f-s, fos, dns, chky, some pure wht, NS, s/ Sh- dk gy, gm.

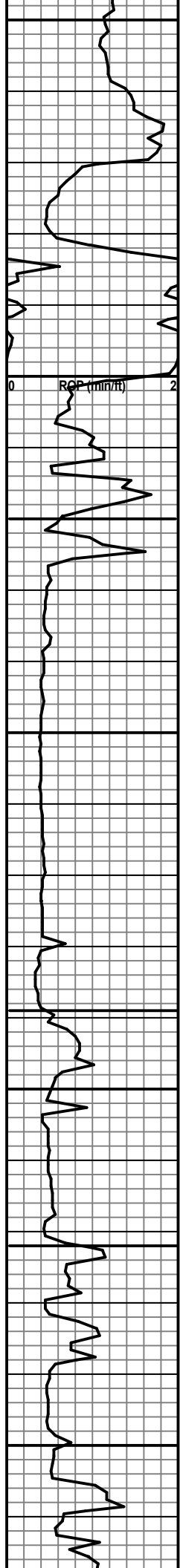
Bonner Springs 1937' 561

e log -560

Kansas City 2072' -696

e log -696

Vis. 37
Wt. 9.1
LCM 2#



2150
 Ls- lt bm, f-x, fos, dns, sli chky, NS.
 Ls- a.a., dec chky.
 SH: drk gry to blk, carb, pyr.
 LS: mstly lt bm, fn xln, dns, scat foss, pr vis por, NS.
 LS: AA w/ NS.
 2200 MD
 SH: gry, sli calc, limy. LS: mstly gry, fn xln, dns, foss, NS.
 SH: AA. LS: AA.
 SH: gry, sft, sli calc, carb incl.
 2250
 SH: gry, slty, carb incl, pyr.
 SH: AA w/ sndy IP.
 SH: gry, sft, carb incl.
 2300
 LS: bm to lt bm, fn xln, dns, foss pcs, pr vis por, NS.
 SH: gry, chlky, pyr.
 SH: AA.
 2350
 LS: lt bm to tan, fn xln, dns, hrd, scat foss, pr vis por, NS.
 SS LIMY: gry to bm, md, tgth, limy, calc mtrx, or ig por, NS.
 SH: gry. Sndy LS: AA w/ NS.
 SS: clr trans to lt bm tnt, sub ang, wll srtd, sil cmnt, sm fr ig por, NS.
 LS: gry to bm, fn xln, dns, scat foss, scat sndy txt, pr vis por, NS. SH: drk gry, sub carb.

BKC 2220' -844

e-log -843

Marmaton 2289' -913

e log -912

Wt 9.1
 Vis 38
 LCM 2

Altamont 2322' -946

e log -945

Wiper Trip @ 2330'

