

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	Scout Energy Management LLC
Well Name	GANO A-8
Doc ID	1738416

All Electric Logs Run

Micro
Sonic
Density Neutron
Dual Induction

Form	ACO1 - Well Completion
Operator	Scout Energy Management LLC
Well Name	GANO A-8
Doc ID	1738416

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSet At	Material Record
4	5957	5971			1500 Gal
4	5905	5918			
4	5883	5887			3500 Gal
4	5843	5847			3500 Gal
4	5825	5829			3500 Gal
4	5790	5795			3500 Gal
4	5768	5775			3500 Gal

Quasar Energy Services, Inc.
 3288 FM 51
 Gainesville, TX 76240

Invoice

Date	Invoice #
9/5/2023	152670

Bill To
Scout Energy Partners 13800 Monfort Road, Suite 100 Dallas Tx 75240

As of 09/22/2015 any invoice with a discount must be paid within 60 days of the invoice date. After 60 days the discount will be removed and the invoice will reflect the full price.

Well

Gano A 8

Description	Quantity	Rate	Amount
Mileage-Pickup	35	5.58	195.30
Mileage-Equipment Mileage	105	8.72	915.60
Pumping Service Charge -2	1	3,307.50	3,307.50
Plug Container	1	347.29	347.29
Cement-Class A (LB)	525	21.54	11,308.50
Guide Shoe-8 5/8"	1	541.77	541.77
Float Collar (Red) 8 5/8"	1	1,243.29	1,243.29
Top Rubber Plug 8 5/8"	1	96.47	96.47
Centralizers 8 5/8"	6	97.24	583.44
C-41L Defoamer Liquid	6	48.63	291.78
Calcium Chloride	1,000	1.53	1,530.00
Cello Flakes	123	2.78	341.94
Gypsum	700	1.05	735.00
Sodium Metasilicate(SMS)C-45	850	2.44	2,074.00
Subtotal			23,511.88
Discount 15%		-15.00%	-3,526.78

Total	\$19,985.10
Payments/Credits	\$0.00
Balance Due	\$19,985.10

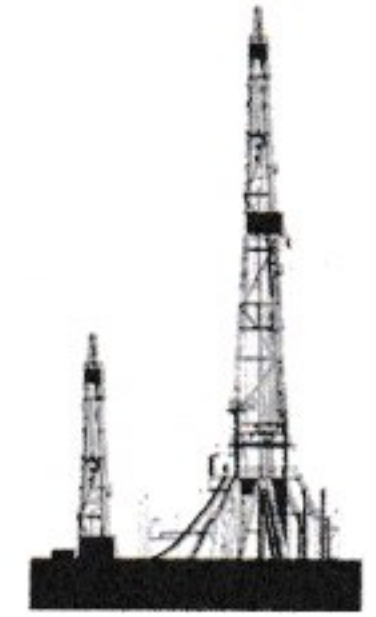
All accounts are past due net 30 days following the date of invoice. A finance charge of 1.5% per month or 18% annual percentage rate will be charged on all past due accounts.



QUASAR ENERGY SERVICES, INC.

3288 FM 51
Gainesville, Texas 76240
Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com



FRACTURING | ACID | CEMENT | NITROGEN

BID #: 7073	AFE#/PO#: 0
TYPE / PURPOSE OF JOB: SQUEEZE	SERVICE POINT: Liberal, KS
CUSTOMER: SCOUT ENERGY PARTNERS	WELL NAME: GANO A 8
ADDRESS: 14400 MIDWAY RD	LOCATION: KISMET, KS
CITY: DALLAS	STATE: TX
ZIP: 75244	COUNTY: SEWARD
STATE: TX	STATE: KS

DATE OF SALE: 8/22/2023	Perforations: to					
QTY.	CODE	YD	UNIT	PUMPING AND EQUIPMENT USED	UNIT PRICE	AMOUNT
35	1000	L	Mile	Mileage - Pickup - Per Mile	\$5.58	\$ 195.30
105	1010	L	Mile	Mileage - Equipment Mileage - Per Mile	\$8.72	\$ 915.60
1	5623	L	Per Well	Pumping Service Charge -2	\$3,307.50	\$ 3,307.50
1	6030	L	Per Well	Plug Container	\$347.29	\$ 347.29

Subtotal for Pumping & Equipment Charges \$ 4,765.69

QTY.	CODE	YD	UNIT	MATERIALS	UNIT PRICE	AMOUNT
525	5635	L	Per Sack	Cement - Class A (LB)	\$21.54	\$ 11,308.50
1	4780	L	Each	Guide Shoe 8 5/8"	\$541.77	\$ 541.77
1	4860	L	Each	Float Collar (Red) 8 5/8"	\$1,243.29	\$ 1,243.29
1	4900	L	Each	Top Rubber Plug 8 5/8"	\$96.47	\$ 96.47
6	4920	L	Each	Centralizers 8 5/8"	\$97.24	\$ 583.44
6	5751	L	Per Gal.	C-41L Defoamer Liquid	\$48.63	\$ 291.78
1,000	5770	L	Per Lb.	Calcium Chloride	\$1.53	\$ 1,530.00
123	5800	L	Per Lb.	Cello Flakes-Poly Flake 1/8" cut	\$2.78	\$ 341.94
700	5850	L	Per Lb.	Gypsum	\$1.05	\$ 735.00
850	5900	L	Per Lb.	Sodium Metasilicate (SMS) C-45	\$2.44	\$ 2,074.00

MANHOURS: 0 # WORKERS: 4 Subtotal for Material Charges \$ 18,746.19

WORKERS			TOTAL	\$ 23,511.88
CHAD HINZ	JESSE PAXTON		DISCOUNT: 15%	DISCOUNT \$ 3,526.78
NOEL LEON			DISCOUNTED TOTAL \$ 19,985.10	
RUBEN MARTINEZ				

STAMPS & NOTES:

As of 9/22/15 any invoice with a discount must paid within 60 days of the invoice date. After 60 days the discount will be removed and the invoice will reflect full price.

CUSTOMER SIGNATURE & DATE

Signature: *May Pernado* Date: _____

Print Name: **AFE # 16800**

*All accounts are past due net 30 days following the date of invoice. A finance charge of 1-1/2% per month or 18% annual percentage rate will be charged on all past due accounts.



QUASAR ENERGY SERVICES, INC.

3288 FM 51
 Gainesville, Texas 76240
 Office: 940-612-3336
 Fax: 940-612-3336 | qesi@qeserve.com

Form 185-2N.2

8/22/23
 CEMENTING JOB LOG

CEMENTING JOB LOG

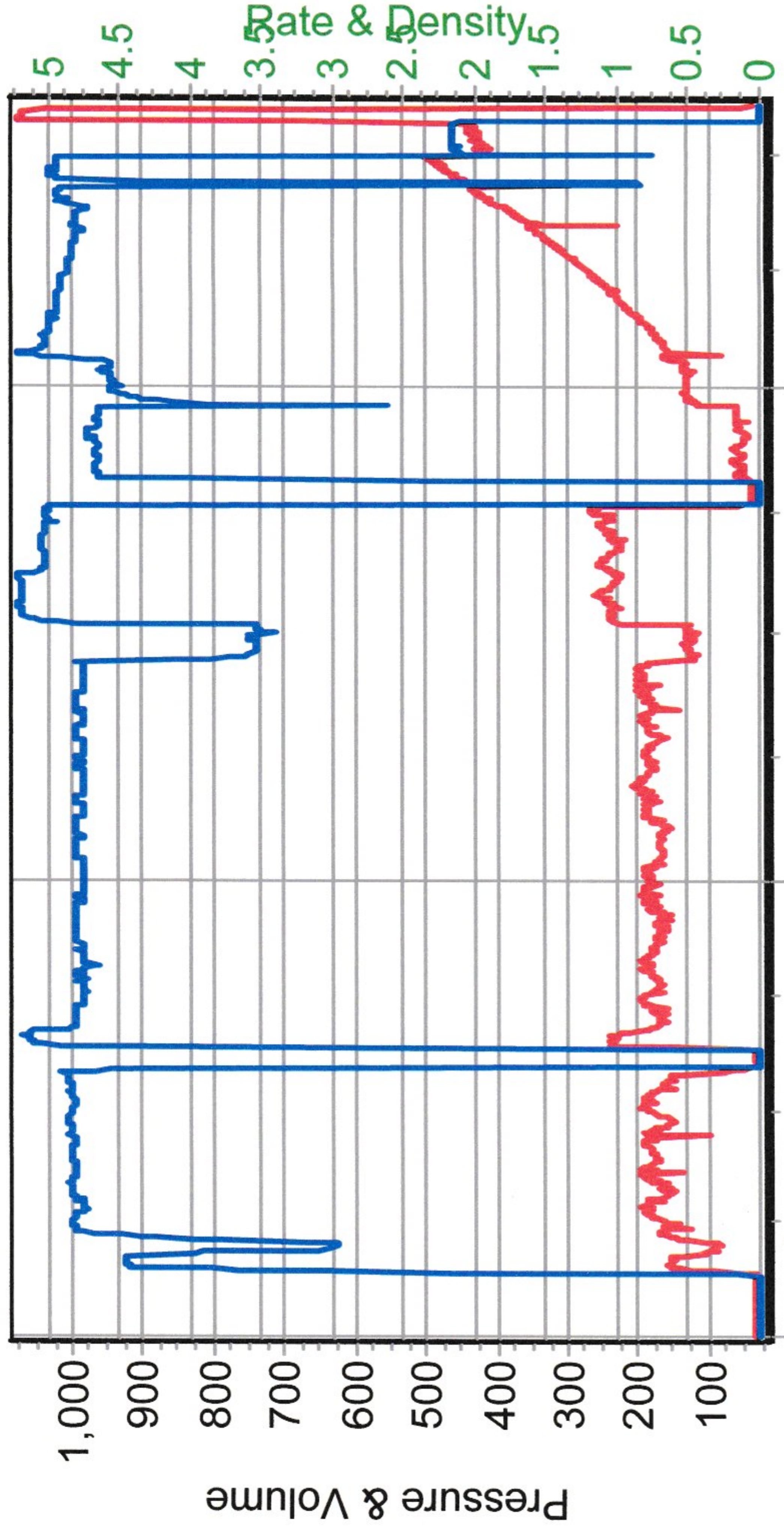
Company: SCOUT ENERGY PARTNERS			Well Name: GANO A 8		
Type Job: SQUEEZE			AFE #: 0		
CASING DATA					
Size:	8 5/8	Grade:	J55	Weight:	23
Casing Depths	Top: 0	Bottom:	1608		
Drill Pipe:	Size: 0	Weight:	0		
Tubing:	Size: 0	Weight:	0	Grade: 0	TD (ft): 1608
Open Hole:	Size: 12 1/4	T.D. (ft):	1608		
Perforations	From (ft): 0	To: 0	Packer Depth(ft):	0	
CEMENT DATA					
Spacer Type:					
Amt.		Sks Yield		ft³/sk	Density (PPG)
LEAD:	CLASS A 2%SMS, 2%GYP, 2%CC, 1/4#POLY				Excess
Amt.	375	Sks Yield	2.92	ft³/sk	Density (PPG) 11.43
TAIL:	CLASS A 1%SMS, 2%CC, 1/4#POLY				Excess
Amt.	150	Sks Yield	1.57	ft³/sk	Density (PPG) 13.95
WATER:					
Lead:	18	gals/sk:	161	Tail: 8	gals/sk: 28.6
				Total (bbls):	189
Pump Trucks Used:	210-DP11				
Bulk Equipment:	214 660-25 189 66-21				
Disp. Fluid Type:	FRESH	Amt. (Bbls.)	99.6	Weight (PPG):	8.3
Mud Type:				Weight (PPG):	
COMPANY REPRESENTATIVE:			OMAR		CEMENTER: CHAD HINZ

TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS	
	AM/PM	Casing	Tubing	ANNULUS	TOTAL		RATE
0300						ON LOC, SAFTEY MTG, R.U.	
0528		150				4.5	START LEAD
0613		130			195	3.5	START TAIL
0624					42		SHUT DOWN, DROP PLUG
0625		130				4.5	START DISPLACEMENT, WASHUP
0648		420			89.5	2	SLOW RATE
0651		450-1070			99.5		PLUG DOWN
0653							RELEASE PSI, FLOAT HELD
							JOB COMPLETE
							THANK YOU FOR YOUR BUSINESS!!!

SCOUT ENERGY

GANO A 8 8 5/8

— Pressure 1 — Total Rate



8/22/2023 5:24:46 AM 8/22/2023 5:57:03 AM 8/22/2023 6:32:20 AM

Quasar Energy Services, Inc.
 3288 FM 51
 Gainesville, TX 76240

Invoice

Date	Invoice #
9/11/2023	152753

Bill To
Scout Energy Partners 13800 Monfort Road, Suite 100 Dallas Tx 75240

As of 09/29/2015 any invoice with a discount must be paid within 60 days of the invoice date. After 60 days the discount will be removed and the invoice will reflect the full price.

Well

Gano A 8

Description	Quantity	Rate	Amount
Mileage-Pickup	35	5.58	195.30
Mileage-Equipment Mileage	70	8.72	610.40
Pumping Service Charge -4	1	6,615.00	6,615.00
Plug Container	1	347.29	347.29
Auto Fill Shoe (Blue) 5 1/2"	1	416.75	416.75
Latch Down Plug & Baffle 5 1/2" blue	1	441.00	441.00
Centralizers 5 1/2"	15	69.46	1,041.90
Cement-Class H (LB)	310	24.85	7,703.50
Clayplex 650	25	49.90	1,247.50
C-15 Low Temp-Non Retarding Fluid Loss	117	11.81	1,381.77
C-41L Defoamer Liquid	3	48.63	145.89
Fiber Lock	40	7.72	308.80
Tactical Blitz	620	2.63	1,630.60
Gypsum	2,950	1.05	3,097.50
Salt	1,900	0.53	1,007.00
MS Spacer	840	2.15	1,806.00
Subtotal			27,996.20
Discount 15%		-15.00%	-4,199.43

Approved
 Cost Center 1183.235
 Code 830.18
 Steve Haddock
 Omar Peinado

Total	\$23,796.77
Payments/Credits	\$0.00
Balance Due	\$23,796.77

All accounts are past due net 30 days following the date of invoice. A finance charge of 1.5% per month or 18% annual percentage rate will be charged on all past due accounts.



QUASAR ENERGY SERVICES, INC.

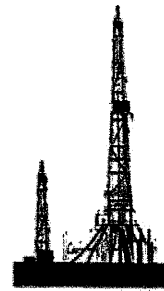
3288 FM 51

Gainesville, Texas 76240

Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com

FRACTURING | ACID | CEMENT | NITROGEN



BID #: 7074		AFE#/PO#: 0	
TYPE / PURPOSE OF JOB: LONG STRING		SERVICE POINT: Liberal, KS	
CUSTOMER: SCOUT ENERGY PARTNERS		WELL NAME: GANO A #8	
ADDRESS: 14400 MIDWAY ROAD		LOCATION: KISMET, KS	
CITY: DALLAS	STATE: TX	ZIP: 75244	COUNTY: SEWARD
DATE OF SALE: 9/2/2023		Perforations: to	

QTY.	CODE	YD	UNIT	PUMPING AND EQUIPMENT USED	UNIT PRICE	AMOUNT
35	1000	L	Mile	Mileage - Pickup - Per Mile	\$5.58	\$ 195.30
70	1010	L	Mile	Mileage - Equipment Mileage - Per Mile	\$8.72	\$ 610.40
1	5625	L	Per Well	Pumping Service Charge -4	\$6,615.00	\$ 6,615.00
1	6030	L	Per Well	Plug Container	\$347.29	\$ 347.29
1	4300	L	Each	Auto Fill Shoe (Blue) 5 1/2"	\$416.75	\$ 416.75
1	4371	L	Each	Latch Down Plug & Baffle 5 1/2" Blue	\$441.00	\$ 441.00
15	4450	L	Each	Centralizers 5 1/2"	\$69.46	\$ 1,041.90
Subtotal for Pumping & Equipment Charges						\$ 9,667.64

QTY.	CODE	YD	UNIT	MATERIALS	UNIT PRICE	AMOUNT
310	5637	L	Per Sack	Cement - Class H (LB)	\$24.85	\$ 7,703.50
25	2502	L	Per Gal.	Clayplex 650	\$49.90	\$ 1,247.50
117	5710	L	Per Lb.	C-15 Low Temp-Non Retarding Fluid Loss	\$11.81	\$ 1,381.77
3	5751	L	Per Gal.	C-41L Defoamer Liquid	\$48.63	\$ 145.89
40	5801	L	per Lb.	Fiber Lock	\$7.72	\$ 308.80
620	5803	L	Per Lbs.	Tactical Blitz	\$2.63	\$ 1,630.60
2,950	5850	L	Per Lb.	Gypsum	\$1.05	\$ 3,097.50
1,900	5890	L	Per Lb.	Salt	\$0.53	\$ 1,007.00
840	5952	L	Per Gal.	MS Spacer	\$2.15	\$ 1,806.00
Subtotal for Material Charges						\$ 18,328.56

MANHOURS: 30	# WORKERS: 3	TOTAL	\$ 27,996.20
WORKERS		DISCOUNT: 15%	DISCOUNT \$ 4,199.43
KIRBY HARPER		DISCOUNTED TOTAL	\$ 23,796.77
CARLOS IBARRA			
MIGUEL MERCADO			

STAMPS & NOTES:	As of 9/22/15 any invoice with a discount must be paid within 60 days of the invoice date. After 60 days the discount will be removed and the invoice will reflect full price.
	CUSTOMER SIGNATURE & DATE
	Signature: <i>Amor Reynada</i> Date: _____
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Print Name: _____	



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3288 FM 51

Gainesville, Texas 76240

Office: 940-612-3336

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Form 185-2N.2

9/2/23

CEMENTING JOB LOG

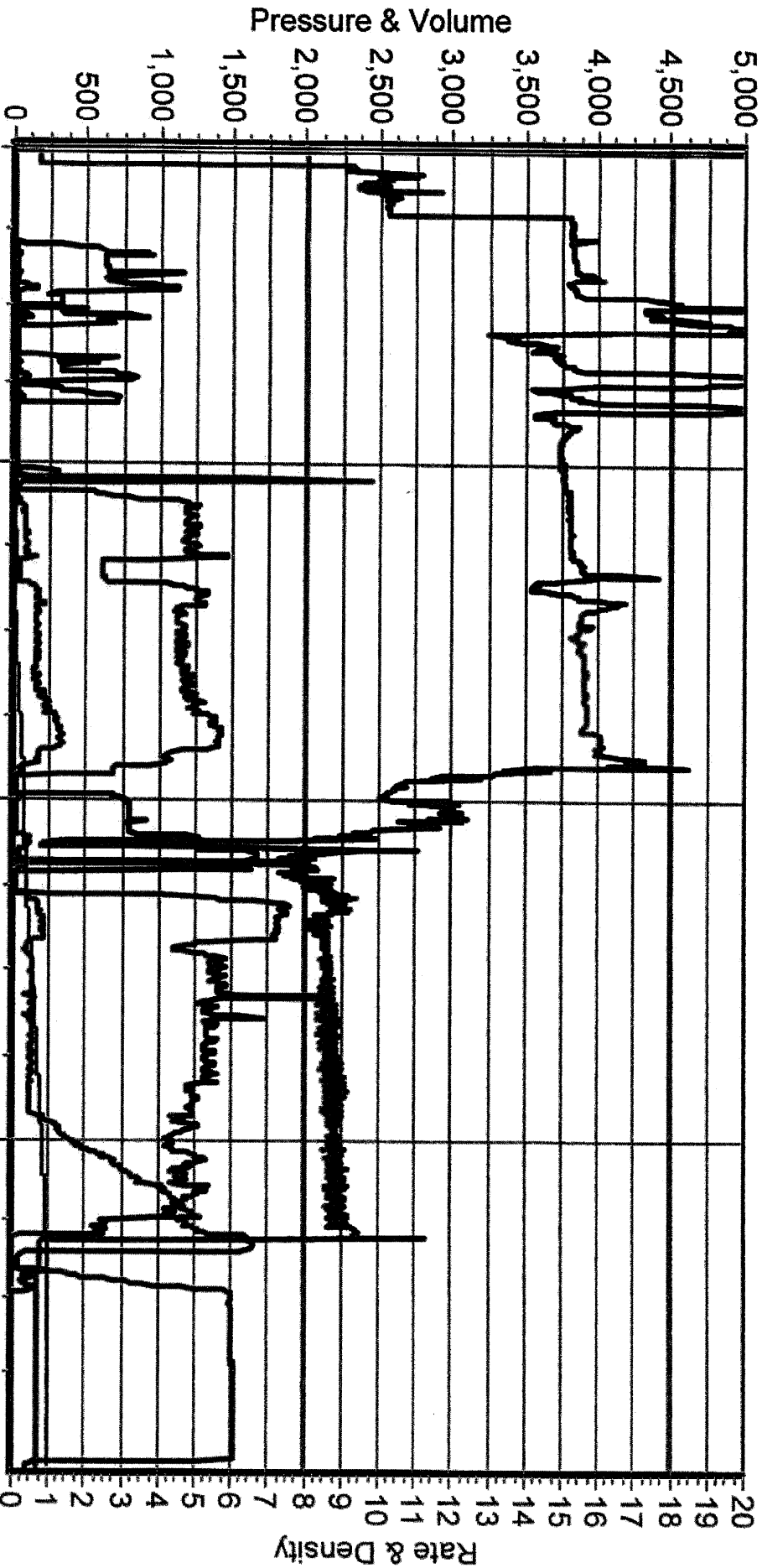
CEMENTING JOB LOG

Company: SCOUT ENERGY PARTNERS				Well Name: GANO A #8			
Type Job: LONG STRING				AFE #: 0			
CASING DATA							
Size: 5 1/2		Grade: 0		Weight: 0			
Casing Depths		Top: 18.96		Bottom: 6032			
Drill Pipe:		Size: 0		Weight: 0			
Tubing:		Size: 0		Weight: 0		Grade: 0 TD (ft): 6050	
Open Hole:		Size: 7 7/8		T.D. (ft): 6050			
Perforations		From (ft): 0		To: 0		Packer Depth(ft): 0	
CEMENT DATA							
Spacer Type:		MS SPACER					
Amt.	20 BBL	Sks Yield		ft ³ /sk		Density (PPG)	
LEAD:		CLASS H – 10% GYP, 10% SALT, .4% C15, 2# BLITZ				Excess	
Amt.	260	Sks Yield	1.52	ft ³ /sk		Density (PPG)	14.8
TAIL:		CLASS H – 10% GYP, 10% SALT, .4% C15, 2# BLITZ				Excess	
Amt.	50	Sks Yield	1.52	ft ³ /sk		Density (PPG)	14.8
WATER:							
Lead:		gals/sk:	7.2	Tail:		gals/sk:	7.2
Pump Trucks Used:		110 – DP4					
Bulk Equipment:							
Disp. Fluid Type:		4% KCL		Amt. (Bbbs.)		Weight (PPG):	
Mud Type:						Weight (PPG):	
COMPANY REPRESENTATIVE:				CEMENTER: KIRBY HARPER			

TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS
	AM/PM	Casing	Tubing	ANNULUS	TOTAL	
2130						ON LOCATION – SPOT AND RIG UP
0600						CASING ON BOTTOM – BREAK CIRC
0719	2500					PRESSURE TEST
0721	100			20	5	START PUMPING MS SPACER
0659	--			8/5	3	PLUG RAT AND MOUSE HOLES
0729	150			70	5	START MIXING 260 SK LEAD @ 14.8 PPG
0746						SHUT DOWN – CLEAN LINES – DROP PLUG
0753	100			0	5	START DISPLACING WITH KCL WATER
0811	300			94	5	DISPLACEMENT REACHES CEMENT
0818	1200			133	2.5	SLOW RATE
0820	1300-1600			143		BUMP PLUG
0821	1600-0					RELEASE PRESSURE – FLOAT HELD
0823	1490					PRESSURE TEST CASING
0838	1520					RELEASE PRESSURE – TEST OKAY

SCOUT ENERGY PARTNERS
 GANO A #8
 5.5" LONGSTRING
 09/02/2023

— Pressure 1 — Density — Total Rate — Stage Vol.



9/2/2023 5:20:13 AM 9/2/2023 6:13:08 AM 9/2/2023 6:39:51 AM 9/2/2023 7:06:28 AM

Hosco Testing & Measurement, INC. Gas Analysis

GPA 2172-09 Report with GPA 2145-16 Physical Properties

Sample Information

Sample Information	
Producer	SCOUT ENERGY MANAGEMENT
Sampled By	TRILOBITE TESTING INC.
Well Name	GANO A-8
Test #	DST #1
Formation	MARMATON
Location	35/32/31 SEWARD CO. KS
H2S PPM	
Sample Date	9-11-23
Analyzed By	KASEY HAYES
Report Date	2023-09-11 16:46:06
NGA Phys. Property Data Source	GPA Standard 2145-16 (FPS)

Component Results

Component Name	Norm%	GPM (Dry) (Gal. / 1000 cu.ft.)	
Helium	0.054	0.006	
Hydrogen	0.006	0.001	
Nitrogen	6.011	0.664	
Oxygen	0.000	0.000	
Methane	74.202	12.623	
Carbon Dioxide	0.035	0.006	
Ethane	8.596	2.307	
Propane	6.582	1.820	
isobutane	0.843	0.277	
n-Butane	1.683	0.532	
isopentane	0.442	0.162	
n-Pentane	0.402	0.146	
Hexanes Plus	1.144	0.498	
Water	0.000	0.000	
Total:	100.000	19.041	

Results Summary

Result	Dry	Sat. (Base)	
Pressure Base (psia)	14.730		
Temperature Base (Deg. F)	60.00		
Flowing Temperature (Deg. F)	0.0		
Water Mole%	-	1.741	
Gross Heating Value (BTU / Ideal cu.ft.)	1244.9	1223.2	
Gross Heating Value (BTU / Real cu.ft.)	1249.5	1228.2	
Relative Density (Gravity), Real	0.7703	0.7680	
Compressibility (Z) Factor	0.9963	0.9959	
Gross Heating Value Dry @ 14.65	1242.704		
Gross Heating Value Sat @ 14.65	1221.573		



DRILL STEM TEST REPORT

Prepared For: **Scout Energy Management LLC**

13800 Monfort Dr. Suite 100
Dallas, TX 75240

ATTN: Tim Hedrick

Gano #A-8

35-32s-31w Sdward,KS

Start Date: 2023.08.28 @ 07:42:00

End Date: 2023.08.28 @ 17:29:47

Job Ticket #: 71040 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2023.09.05 @ 10:08:43



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Scout Energy Management LLC

35-32s-31w Sdward,KS

13800 Monfort Dr. Suite 100
Dallas, TX 75240

Gano #A-8

Job Ticket: 71040

DST#: 1

ATTN: Tim Hedrick

Test Start: 2023.08.28 @ 07:42:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: 2775.00 ft (KB)

Time Tool Opened: 10:14:17

Time Test Ended: 17:29:47

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 5060.00 ft (KB) To 5090.00 ft (KB) (TVD)

Reference Elevations: 2775.00 ft (KB)

Total Depth: 5090.00 ft (KB) (TVD)

2763.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 6751 Outside

Press@RunDepth: 227.51 psig @ 5062.00 ft (KB)

Capacity: psig

Start Date: 2023.08.28

End Date: 2023.08.28

Last Calib.: 1899.12.30

Start Time: 07:42:01

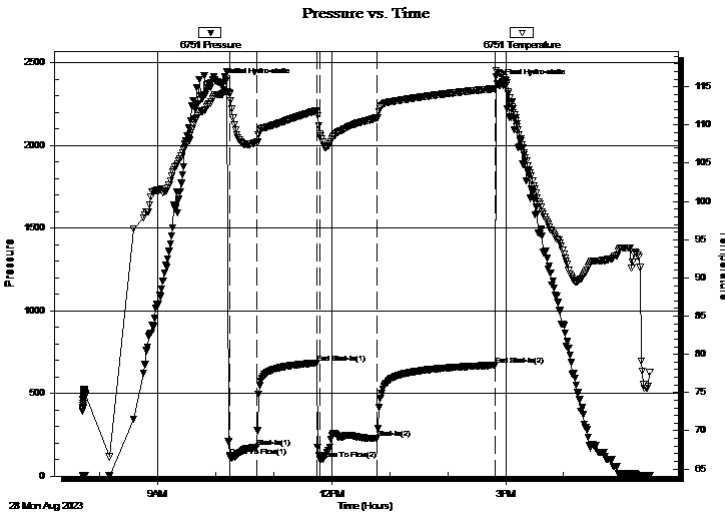
End Time: 17:29:47

Time On Btm: 2023.08.28 @ 10:06:02

Time Off Btm: 2023.08.28 @ 14:51:47

TEST COMMENT: IF: 30 min., BOB 30 sec, GTS 15 min., strong building blow
IS: 60 min., blow back 1 min., 1.75 inches
FF: 60 min., BOB GTS ASAO, strong building blow
FS: 120 min., blow back 30 sec., 7.7 inches

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2378.21	114.01	Initial Hydro-static
9	119.46	114.02	Open To Flow (1)
36	176.83	107.66	Shut-In(1)
99	683.49	111.84	End Shut-In(1)
102	102.42	108.62	Open To Flow (2)
161	227.51	110.91	Shut-In(2)
283	671.43	114.79	End Shut-In(2)
286	2371.62	116.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
365.00	gassy oil 35%G65%O	2.65
0.00	GTS	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	89.00	164.03
Last Gas Rate	0.25	42.00	83.43
Max. Gas Rate	0.25	98.00	166.28



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Scout Energy Management LLC

35-32s-31w Sdward,KS

13800 Monfort Dr. Suite 100
Dallas, TX 75240

Gano #A-8

ATTN: Tim Hedrick

Job Ticket: 71040

DST#: 1

Test Start: 2023.08.28 @ 07:42:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: 2775.00 ft (KB)

Time Tool Opened: 10:14:17

Time Test Ended: 17:29:47

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 5060.00 ft (KB) To 5090.00 ft (KB) (TVD)

Total Depth: 5090.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2775.00 ft (KB)

2763.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 6752 Inside

Press@RunDepth: psig @ 5062.00 ft (KB)

Capacity: psig

Start Date: 2023.08.28

End Date: 2023.08.28

Last Calib.: 1899.12.30

Start Time: 07:42:01

End Time: 17:29:47

Time On Btm:

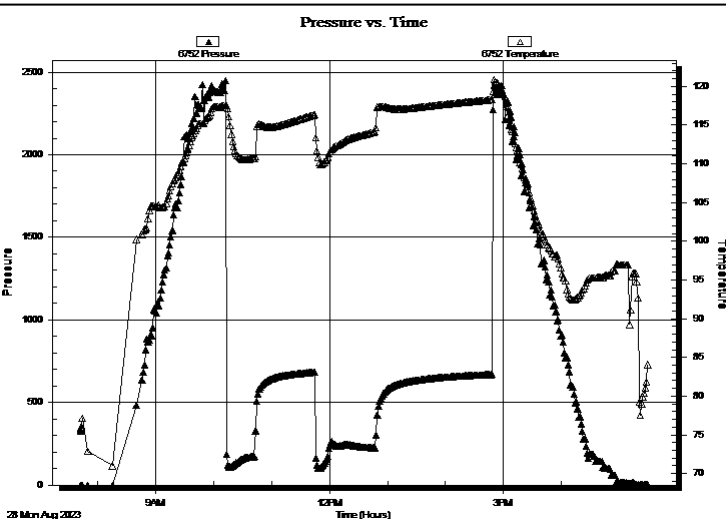
Time Off Btm:

TEST COMMENT: IF: 30 min., BOB 30 sec, GTS 15 min., strong building blow

IS: 60 min., blow back 1 min., 1.75 inches

FF: 60 min., BOB GTS ASAO, strong building blow

FS: 120 min., blow back 30 sec., 7.7 inches



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
365.00	gassy oil 35%G65%O	2.65
0.00	GTS	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	89.00	164.03
Last Gas Rate	0.25	42.00	83.43
Max. Gas Rate	0.25	98.00	166.28



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Scout Energy Management LLC

35-32s-31w Sdward,KS

13800 Monfort Dr. Suite 100
Dallas, TX 75240

Gano #A-8

Job Ticket: 71040

DST#: 1

ATTN: Tim Hedrick

Test Start: 2023.08.28 @ 07:42:00

Tool Information

Drill Pipe:	Length: 4780.00 ft	Diameter: 3.80 inches	Volume: 67.05 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 271.00 ft	Diameter: 2.25 inches	Volume: 1.33 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 68.38 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 78000.00 lb
Depth to Top Packer:	5060.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	60.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5035.00	
Hydraulic tool	5.00			5040.00	
Isolator Sub	3.00			5043.00	
Jars	5.00			5048.00	
Safety Joint	3.00			5051.00	
Packer	5.00			5056.00	30.00 Bottom Of Top Packer
Packer	4.00			5060.00	
Stubb	1.00			5061.00	
Perforations	1.00			5062.00	
Recorder	0.00	6752	Inside	5062.00	
Recorder	0.00	6751	Outside	5062.00	
Pickup sub perf	5.00			5067.00	
Perforations	20.00			5087.00	
Bullnose	3.00			5090.00	30.00 Bottom Packers & Anchor

Total Tool Length: 60.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Scout Energy Management LLC

35-32s-31w Sdward,KS

13800 Monfort Dr. Suite 100
Dallas, TX 75240

Gano #A-8

Job Ticket: 71040

DST#: 1

ATTN: Tim Hedrick

Test Start: 2023.08.28 @ 07:42:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.79 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
365.00	gassy oil 35%G65%O	2.651
0.00	GTS	0.000

Total Length: 365.00 ft Total Volume: 2.651 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #:

Laboratory Name:

Laboratory Location: Liberal, KS

Recovery Comments: API=38@80F=36



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Scout Energy Management LLC

35-32s-31w Sdward,KS

13800 Monfort Dr. Suite 100
Dallas, TX 75240

Gano #A-8

Job Ticket: 71040

DST#: 1

ATTN: Tim Hedrick

Test Start: 2023.08.28 @ 07:42:00

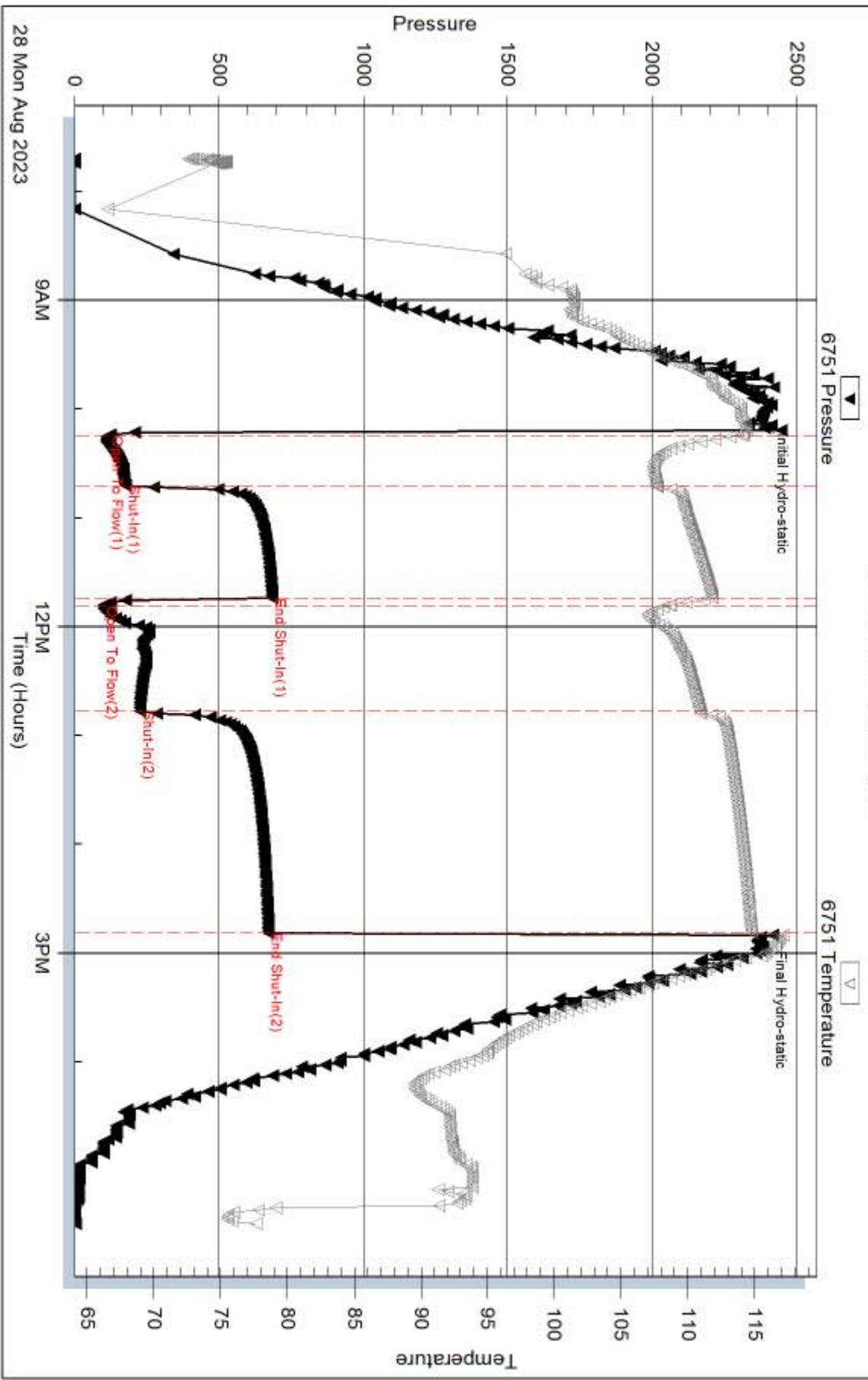
Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.92

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	20	0.25	89.00	164.03
1	20	0.25	89.00	152.96
1	30	0.25	98.00	166.28
2	10	0.25	53.00	99.71
2	20	0.25	57.00	105.62
2	30	0.25	56.00	104.15
2	40	0.25	50.00	95.27
2	50	0.25	45.00	87.87
2	60	0.25	42.00	83.43

Pressure vs. Time



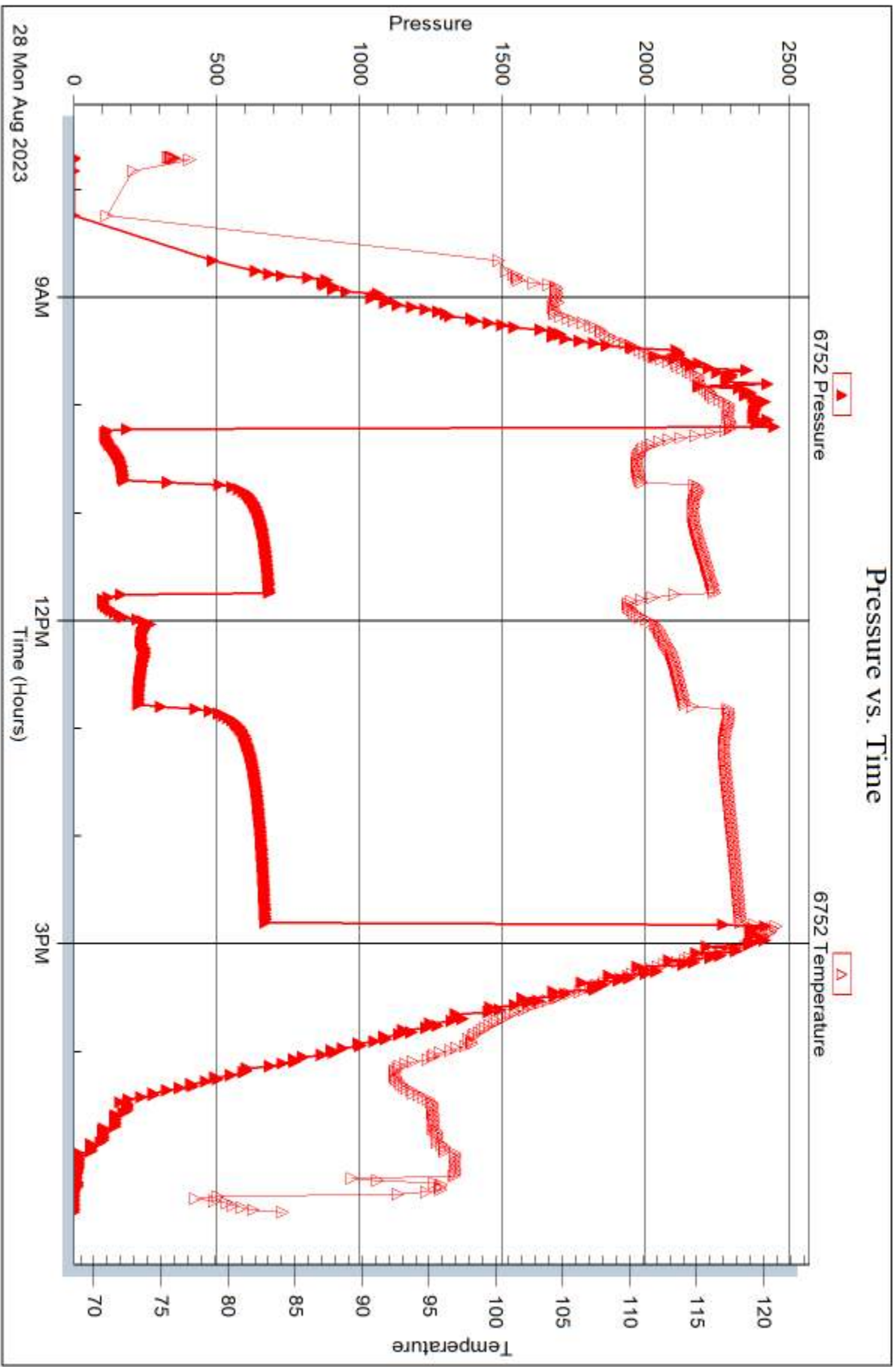
Serial #: 6752

Inside

Scout Energy Management LLC

Gano #A-8

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 71040

Printed: 2023.09.05 @ 10:08:43



DRILL STEM TEST REPORT

Prepared For: **Scout Energy Management LLC**

13800 Monfort Dr. Suite 100
Dallas, TX 75240

ATTN: Tim Hedrick

Gano #A-8

35-32s-31w Sdward,KS

Start Date: 2023.08.31 @ 06:42:00

End Date: 2023.08.31 @ 16:05:47

Job Ticket #: 71041 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2023.09.05 @ 10:32:20



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Scout Energy Management LLC

35-32s-31w Sdward,KS

13800 Monfort Dr. Suite 100
Dallas, TX 75240

Gano #A-8

ATTN: Tim Hedrick

Job Ticket: 71041

DST#: 2

Test Start: 2023.08.31 @ 06:42:00

GENERAL INFORMATION:

Formation: **St. Loius**

Deviated: No Whipstock: 2775.00 ft (KB)

Time Tool Opened: 08:58:02

Time Test Ended: 16:05:47

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 5905.00 ft (KB) To 5922.00 ft (KB) (TVD)

Reference Elevations: 2775.00 ft (KB)

Total Depth: 5922.00 ft (KB) (TVD)

2763.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 6752

Inside

Press@RunDepth: 62.99 psig @ 5907.00 ft (KB)

Capacity: psig

Start Date: 2023.08.31

End Date:

2023.08.31

Last Calib.:

1899.12.30

Start Time:

06:42:01

End Time:

16:05:47

Time On Btm:

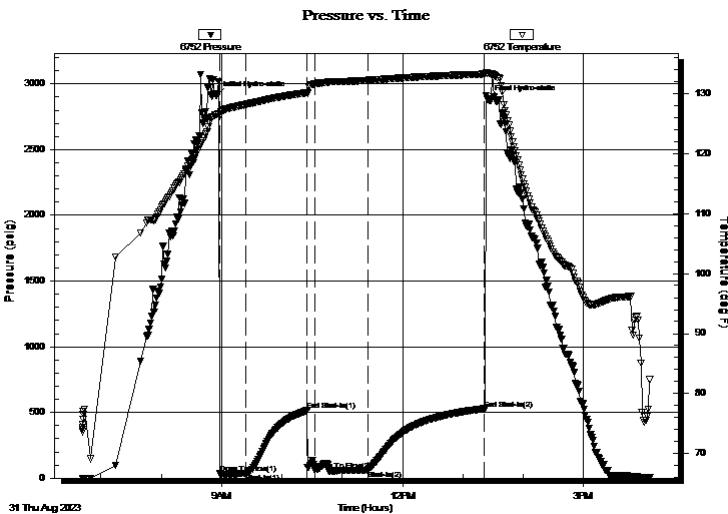
2023.08.31 @ 08:55:17

Time Off Btm:

2023.08.31 @ 13:24:32

TEST COMMENT: IF: 30 min., fair building blow , 6 inches
IS: 60 min., no blow back
FF: 60 min., fair building blow , 5.3 inches
FS: 120 min., no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2909.33	126.42	Initial Hydro-static
3	36.60	126.11	Open To Flow (1)
29	36.85	128.15	Shut-In(1)
90	515.10	130.11	End Shut-In(1)
98	58.82	131.56	Open To Flow (2)
151	62.99	132.16	Shut-In(2)
266	528.39	133.21	End Shut-In(2)
270	2881.20	133.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	gassy oily watery mud 5%G,15%O,30%10.44%M	

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Scout Energy Management LLC
13800 Monfort Dr. Suite 100
Dallas, TX 75240

ATTN: Tim Hedrick

35-32s-31w Sdward,KS

Gano #A-8
Job Ticket: 71041 **DST#: 2**
Test Start: 2023.08.31 @ 06:42:00

GENERAL INFORMATION:

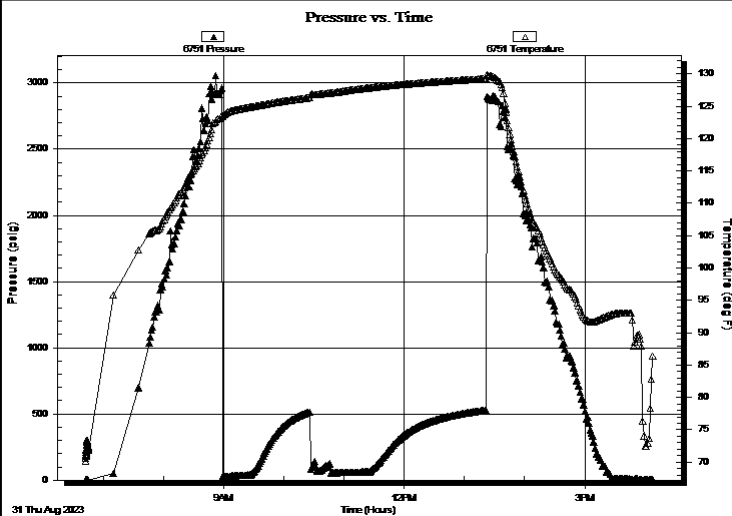
Formation: **St. Loius**
Deviated: No Whipstock: 2775.00 ft (KB) Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 08:58:02 Tester: Chris Hagman
Time Test Ended: 16:05:47 Unit No: 69

Interval: **5905.00 ft (KB) To 5922.00 ft (KB) (TVD)** Reference Elevations: 2775.00 ft (KB)
Total Depth: 5922.00 ft (KB) (TVD) 2763.00 ft (CF)
Hole Diameter: 7.80 inchesHole Condition: Good KB to GR/CF: 12.00 ft

Serial #: 6751 Outside

Press@RunDepth:	psig @	5907.00 ft (KB)	Capacity:	psig	
Start Date:	2023.08.31	End Date:	2023.08.31	Last Calib.:	1899.12.30
Start Time:	06:42:01	End Time:	16:07:47	Time On Btm:	
				Time Off Btm:	

TEST COMMENT: IF: 30 min., fair building blow , 6 inches
IS: 60 min., no blow back
FF: 60 min., fair building blow , 5.3 inches
FS: 120 min., no blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
90.00	gassy oily watery mud 5%G,15%O,30%10.44%M	

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Scout Energy Management LLC

35-32s-31w Sdward,KS

13800 Monfort Dr. Suite 100
Dallas, TX 75240

Gano #A-8

Job Ticket: 71041

DST#: 2

ATTN: Tim Hedrick

Test Start: 2023.08.31 @ 06:42:00

Tool Information

Drill Pipe:	Length: 5629.00 ft	Diameter: 3.80 inches	Volume: 78.96 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 271.00 ft	Diameter: 2.25 inches	Volume: 1.33 bbl	Weight to Pull Loose:	85000.00 lb
			<u>Total Volume: 80.29 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	78000.00 lb
Depth to Top Packer:	5905.00 ft			Final	78000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	17.00 ft				
Tool Length:	47.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5880.00	
Hydraulic tool	5.00			5885.00	
Isolator Sub	3.00			5888.00	
Jars	5.00			5893.00	
Safety Joint	3.00			5896.00	
Packer	5.00			5901.00	30.00 Bottom Of Top Packer
Packer	4.00			5905.00	
Stubb	1.00			5906.00	
Perforations	1.00			5907.00	
Recorder	0.00	6752	Inside	5907.00	
Recorder	0.00	6751	Outside	5907.00	
Pickup sub perf	5.00			5912.00	
Perforations	7.00			5919.00	
Bullnose	3.00			5922.00	17.00 Bottom Packers & Anchor

Total Tool Length: 47.00



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Scout Energy Management LLC

35-32s-31w Sdward,KS

13800 Monfort Dr. Suite 100
Dallas, TX 75240

Gano #A-8

Job Ticket: 71041

DST#: 2

ATTN: Tim Hedrick

Test Start: 2023.08.31 @ 06:42:00

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:

15000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	gassy oily w atery mud 5%G,15%O,30%W,5C	0.443

Total Length: 90.00 ft Total Volume: 0.443 bbl

Num Fluid Samples: 0

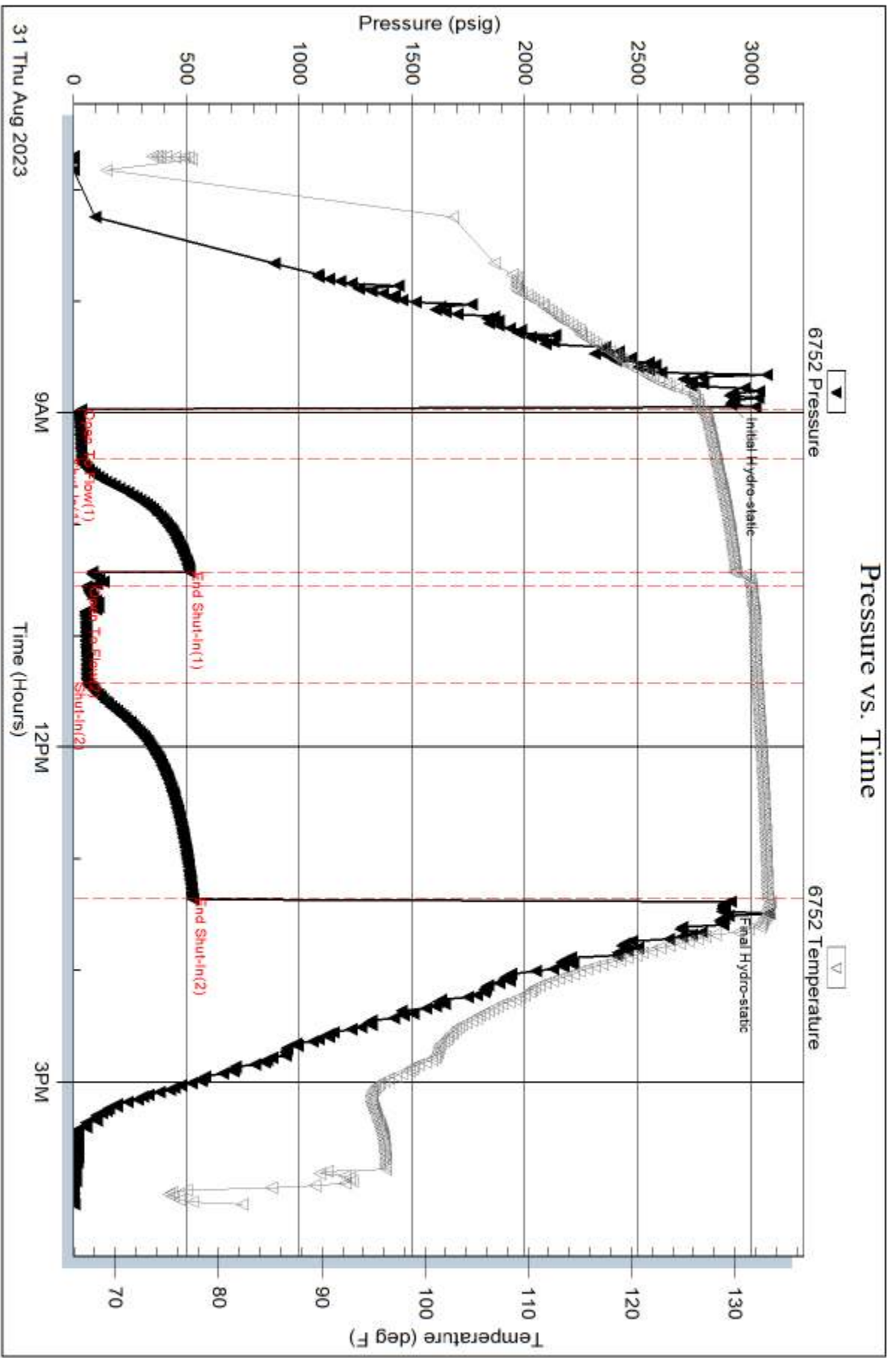
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.350@90F=15,000ppm

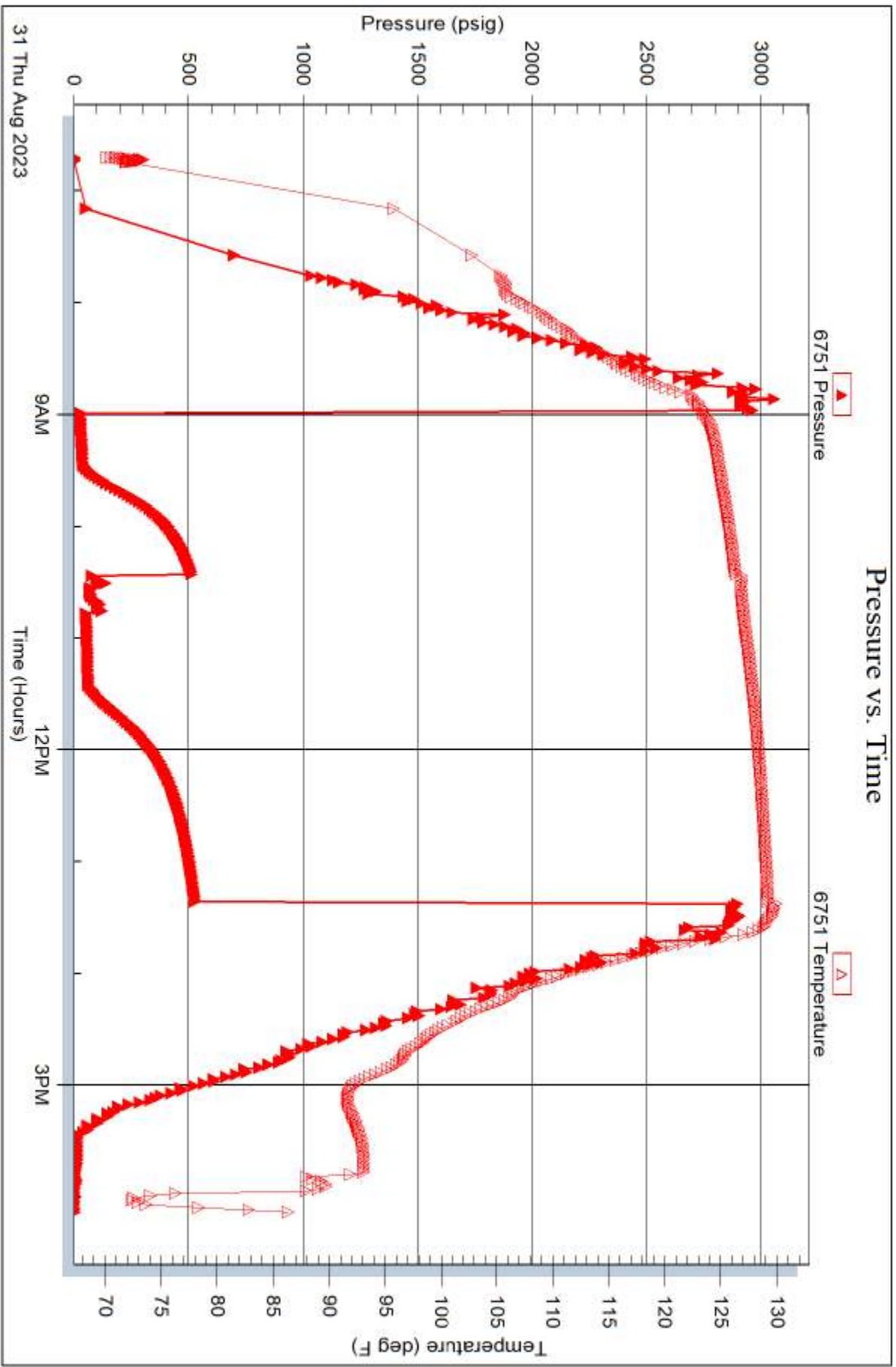


Serial #: 6751

Outside Scout Energy Management LLC

Gano #A-8

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 71040

Well Name & No. Guano A-8 Test No. 1 Date 08/28/23
 Company Scout Energy Management LLC Elevation 2775 KB 2763 GL
 Address 13800 Northwest Dr. Suite 100 Dallas, TX 75240
 Co. Rep / Geo Tim Hedrick Rig Duke #9
 Location: Sec. 35 Twp 32 Rge. 31 Co. Seward State KS

Interval Tested 5060-5090 Zone Tested Merriam
 Anchor Length 30' Drill Pipe Run 4780 Mud Wt. 9.1
 Top Packer Depth 5055 Drill Collars Run 271 Vis 53
 Bottom Packer Depth 5060 Wt. Pipe Run N.A. WL 7.8
 Total Depth 5090 Chlorides 4000 ppm System LCM 6

Blow Description IF: 30 min, ROB 30 sec., GTS 15 min, strong building blow
1ST: 60 min, blow back 1 min., 1.75 inches
FF: 60 min, GTS ROB 15 sec., strong building blow
PSI: 120 min, blow back 30 sec., 1.7 inches

Rec	Feet of	%gas	%oil	%water	%mud
<u>365</u>	<u>gassy oil</u>	<u>35</u>	<u>65</u>		
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	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 365 BHT 115 Gravity 36 API RW @ *F Chlorides ppm
 Initial Hydrostatic 2378 Test conv. 2150 Ruined Shale Packer
 Initial Flow 119 to 177 Jars Ruined Packer
 Initial Shut-In 693 Circ Sub Hotel liberal No hotel
 Final Flow 102 to 228 Hourly Standby EM Tool Successful -350
 Final Shut-In 671 Mileage 206rt 360.50 Accessibility
 Final Hydrostatic 2372 Sampler Gas Sample x 1.0 80
 T- On Location 0700 Straddle Oversized Hole
 Initial Flow 30 T-Started 0800 Shale Packer x 1.0 250 Sub Total 80 - 350
 Initial Shut-In 60 T-Open 1020 Extra Packer Total 2490.50
 Final Flow 60 T-Pulled 1450 Extra Recorder Tool Loaded @
 Final Shut-In 120 T-Out 1730 Day Standby MP/DST Disc't
 Comments 0742

Approved By _____ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damage of any kind of property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 71041

Well Name & No. Case A-8 Test No. 2 Date 08/31/23
 Company Scout Energy Management LLC Elevation 2775 KB 2763 GL
 Address 13800 ~~W~~ Marlfont Dr. Suite 100 Dallas, TX 75240
 Co. Rep / Geo Tim Hedrick Rig Duke #9
 Location: Sec. 35 Twp 32 Rge. 31 Co. Sevierd State KS

Interval Tested 5905-5922 Zone Tested St. Louis
 Anchor Length 17' Drill Pipe Run 5629 Mud Wt. 9.0
 Top Packer Depth 5900 Drill Collars Run 271 Vis 55
 Bottom Packer Depth 5905 Wt. Pipe Run N.A. WL 7.4
 Total Depth 5922 Chlorides 3000 ppm System LCM 12 #

Blow Description IF: 30 min., fair building blow, 6 inches
ISD: 60 min., no blow back
FE: 60 min., fair building blow, 5.3 inches
FSD: 120 min., no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>90'</u>	<u>gassy oily watery mud</u>	<u>5</u>	<u>15</u>	<u>30</u>	<u>50</u>
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	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 90' BHT 133 Gravity API RW .350 @ 90 *F Chlorides 15,000 ppm
 Initial Hydrostatic 2909 Test conv 2150 Ruined Shale Packer x1.0 550
 Initial Flow 37 to 37 Jars Ruined Packer
 Initial Shut-In 515 Circ Sub Hotel
 Final Flow 59 to 63 Hourly Standby EM Tool Successful -350
 Final Shut-In 528 Mileage x230 360.50 Accessibility
 Final Hydrostatic 2881 Sampler Gas Sample
 T- On Location 0600 Straddle Oversized Hole
 Initial Flow 30 T-Started 0700 Shale Packer x1.0 250 Sub Total 550 - 350
 Initial Shut-In 60 T-Open 0905 Extra Packer Total 2960.50
 Final Flow 60 T-Pulled 1335 Extra Recorder Tool Loaded @
 Final Shut-In 120 T-Out 1600 Day Standby MP/DST Disc't
 Comments 0642

Approved By _____ Our Representative Chris Hagan

Trilobite Testing Inc. shall not be liable for damage of any kind of property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

PRELIMINARY GEOLOGIC PROGNOSIS

GANO A8

Objective: Drill and complete an economic St. Louis (Mississippian) oil well in the Massoni Field in Seward County, Kansas, cased with 8 5/8" and 5 1/2" casing, set at respective depths of approx. 1600' and 6000'

API	15-175-22289	AFE	16800	WI:	97%	NRI:	79%	Target IP:	24 BOPD
Field/Prospect	Massoni (infill)			Primary Target(s) Mississippian St. Louis					
County/State	Seward / Kansas			Secondary Target(s) Pennsylvanian Marmaton/Atoka/Morrow, Miss. Chester					
Surface Loc (NAD 27)	Lat	37°12'47.89456"	(37.213304°)	Township/Sec			T32S-R31W-S35		
	Long	-100°40'16.57764"	(100.671272°)	GL Elevation (ft) 2763					
				Qtrs/Footage SW/4 SE/4 SW/4 (330' FSL 1869' FWL)					
Bottom Hole (NAD 27)	Lat	(vertical well)		Surf Casing:			1600'		
	Long	(vertical well)		Planned TD:			6000'		
Logging Program	Open Hole Quad Combo; see "Log Distribution" at bottom								
Coring/Testing Program	2 DSTs will be run: 1st in Marmaton @5100' and 2nd in Missippian @TD								
Mudlogging Program	Conventional sample collection/description and gas data from 2500' to TD; see "Samples Collection" at bottom								

FORMATION TOPS & POTENTIAL GEO HAZARDS

Geologist: Jordan Noret jnoret@scoutep.com 512-968-9025 (cell)	GANO A8		PRIMARY CORRELATION WELLS					
			Gano A2 1250' to WNW		Traylor A1 1460' to ENE		C Saunders A2 3230' to NNW	
	KB (ft):	2776	KB (ft):	2782	KB (ft):	2751	KB (ft):	2784
Key Formations & Lithology Possible Geo Hazards (for more detailed tops, see Xsections)	MD	SS	MD	SS	MD	SS	MD	SS
Bottom of Freshwater (provided by KCC)	540	2236					NO LOGS	
WATER								
Blaine (evaporite) - Flower Pot (shale) <i>dissolution caving, karsting</i>	855	1921					880	1904
Cedar Hills aka <i>Glorieta</i> (sand/evaporite) <i>dissolution caving (sand is salt-cemented)</i>	1065	1711					1090	1694
Harper - Salt Plain (shale/evaporite) <i>dissolution caving (sand is salt-cemented)</i>	1170	1606					1195	1589
Stone Corral (gypsum/salt) <i>dissolution caving, karsting</i>	1540	1236	NO LOGS		NO LOGS		1572	1212
Chase Group (carbonate/shale) <i>GAS; low pressure</i>	2610	166	2615	167	2600	151	2635	149
Council Grove (carbonate/shale) <i>GAS; low pressure; water probable</i>	2960	-184	2960	-178	2950	-199	2990	-206
Heebner (shale) <i>Regional Marker Bed</i>	4245	-1469	4245	-1463	4231	-1480	4245	-1461
Lansing - Kansas City (carbonate/shale) <i>OIL/GAS; water probable</i>	4395	-1619	4395	-1613	4381	-1630	4395	-1611
Marmaton (carbonate/shale) <i>OIL/GAS; water probable</i>	5020	-2244	5020	-2238	5005	-2254	5020	-2236
Amoret (carbonate) TARGET #2 <i>OIL/GAS; water probable</i>	5080	-2304	5070	-2288	5070	-2319	5075	-2291
Morrow (shale, sand, carbonate) <i>OIL/GAS; water probable</i>	5500	-2724	5500	-2718	5490	-2739	NOT DEEP ENOUGH	
Top of Mississippian (carbonate) <i>OIL/GAS; water probable</i>	5760	-2984	5748	-2966	5750	-2999		
St. Louis (carbonate) TARGET #1 <i>OIL/GAS; water probable</i>	5910	-3134	5906	-3124	5895	-3144		
Total Depth	6000	-3224	6020	-3238	6000	-3249	5200	-2416
Surface Casing:	1613	1163	1619	1163	1607	1144	1633	1151

SAMPLES COLLECTION

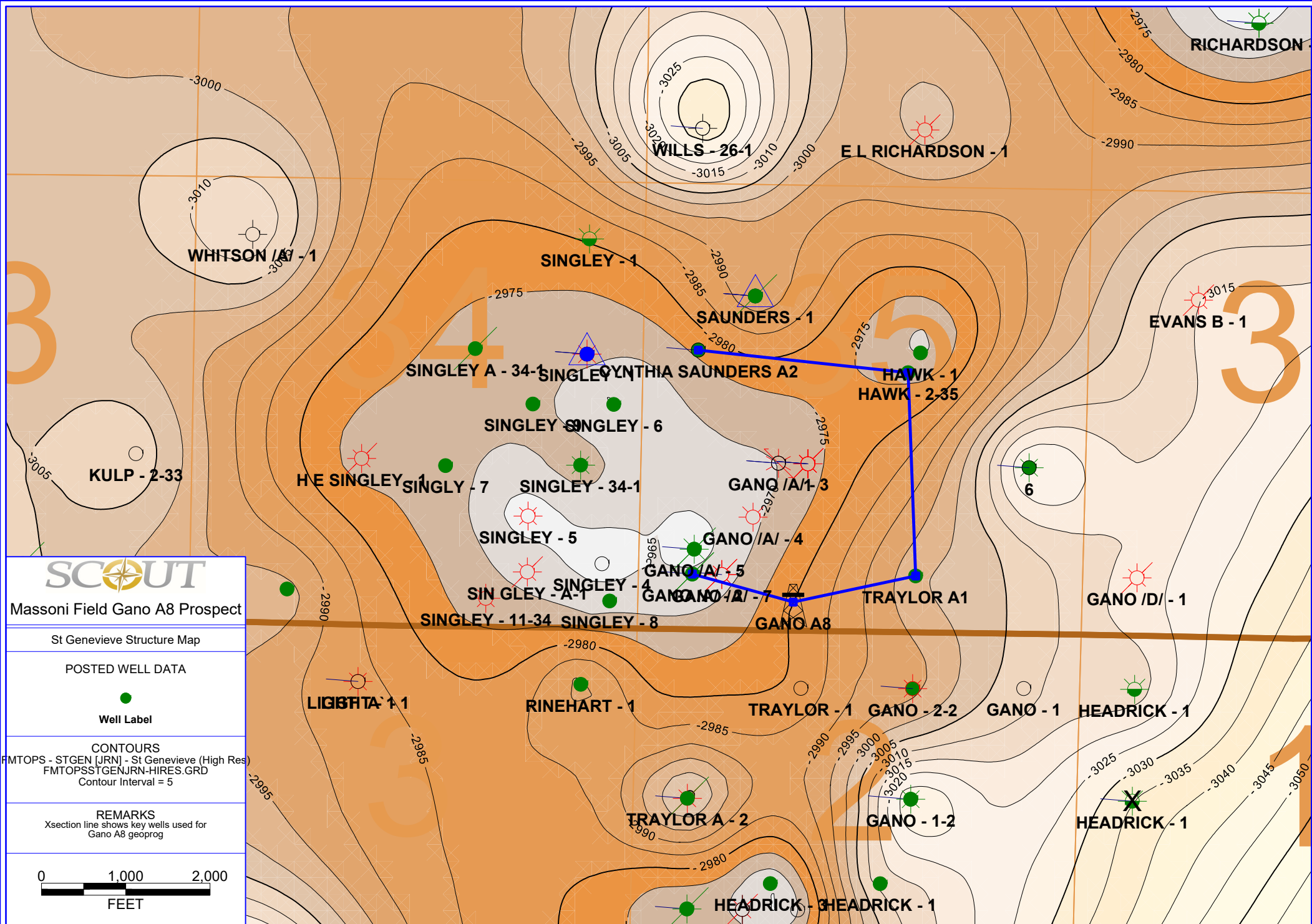
Collect **duplicate samples** at least every 30' from 2500' to 5000' (~120 samples) and then every 10' to TD (~100 samples)
Send one set to Scout Office (see address above) attn: Jordan Noret
and one set to Kansas Geological Survey 4150 W Monroe St. Wichita, KS 67209

LOG DISTRIBUTION

Email **all digital log files** to Jordan Noret (jnoret@scoutep.com)
Mail **1 paper copy** to Dallas Office (address on header) attn: Jordan Noret
Mail **1 paper copy** to 2225 West Oklahoma Avenue. Ulysses, Kansas 67880 attn: Kenneth Parks

ADDITIONAL COMMENTS:

None



SCOUT
 Massoni Field Gano A8 Prospect

St Genevieve Structure Map

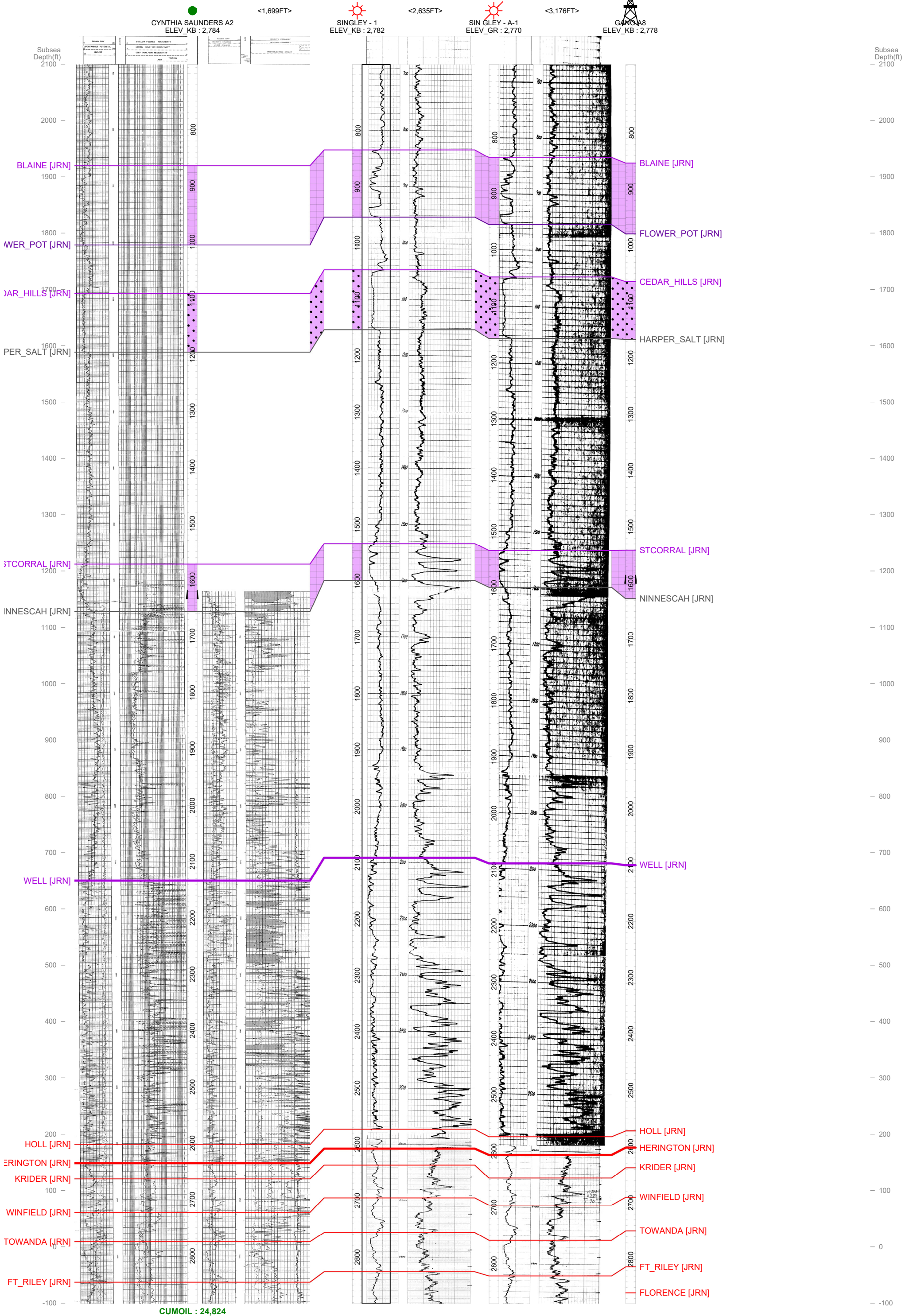
POSTED WELL DATA

- Well Label

CONTOURS
 FMTOPS - STGEN [JRN] - St Genevieve (High Res)
 FMTOPSSSTGENJRN-HIRES.GRD
 Contour Interval = 5

REMARKS
 Xsection line shows key wells used for
 Gano A8 geoprogram

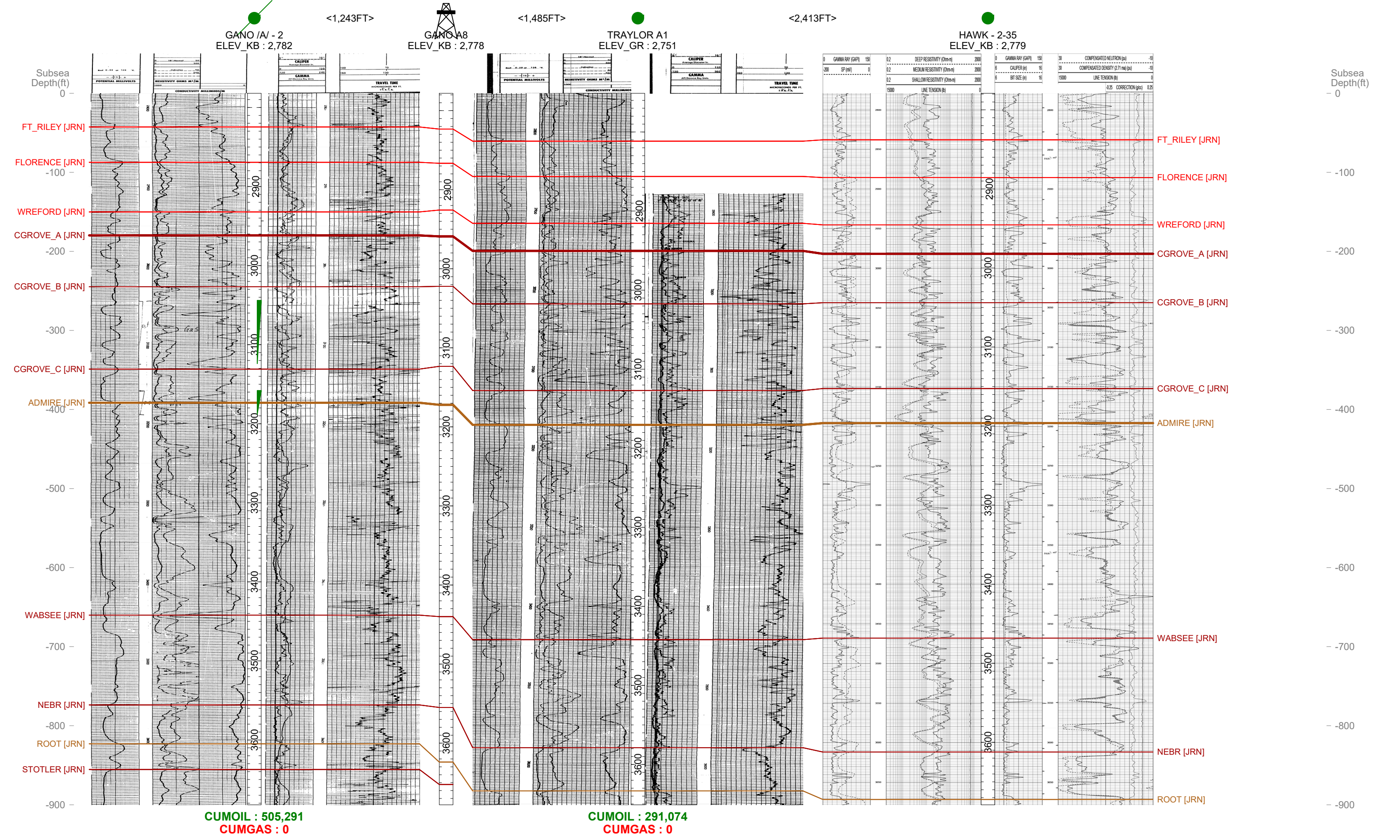
0 1,000 2,000
 FEET

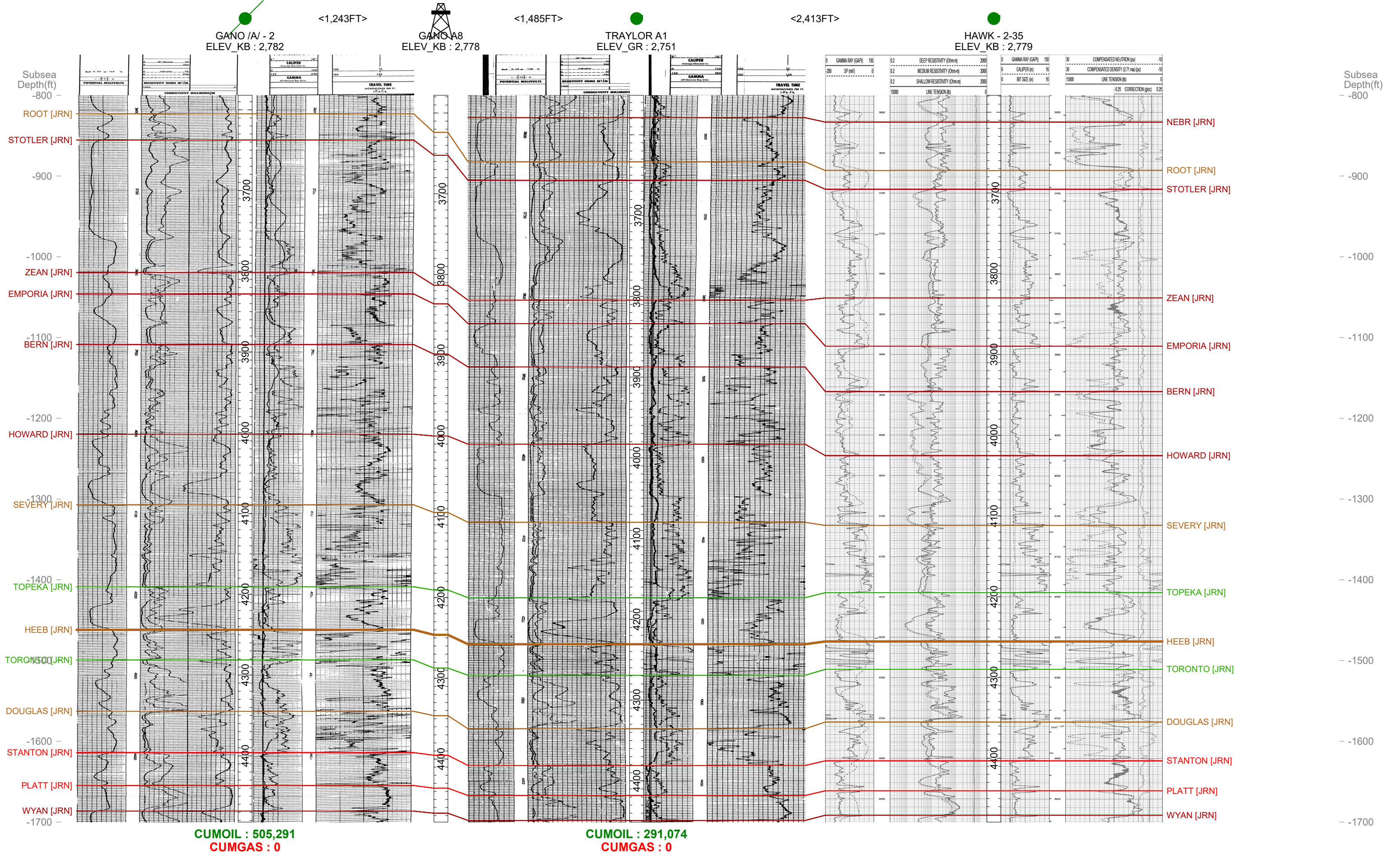


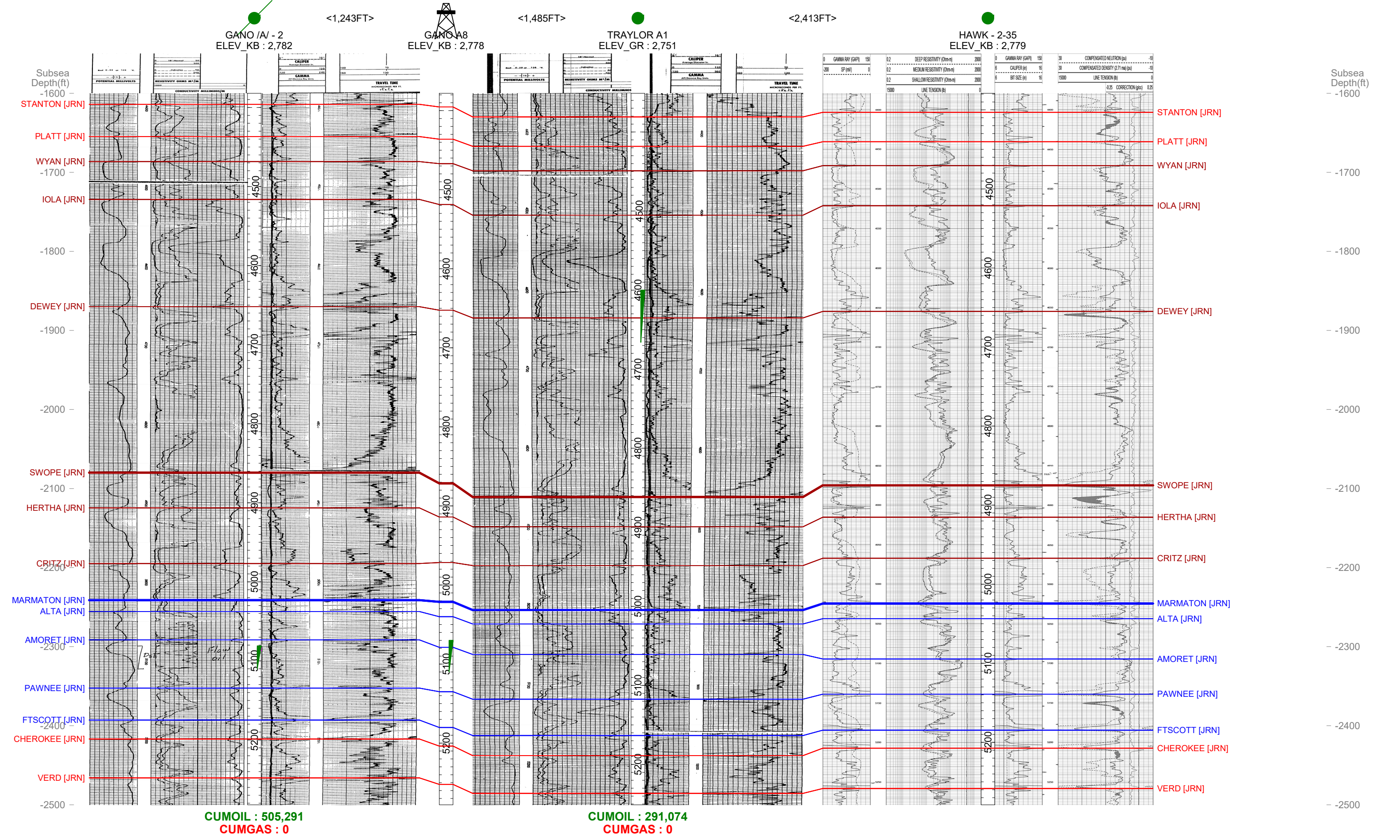
CUMOIL : 24,824
 CUMGAS : 0

A

A'

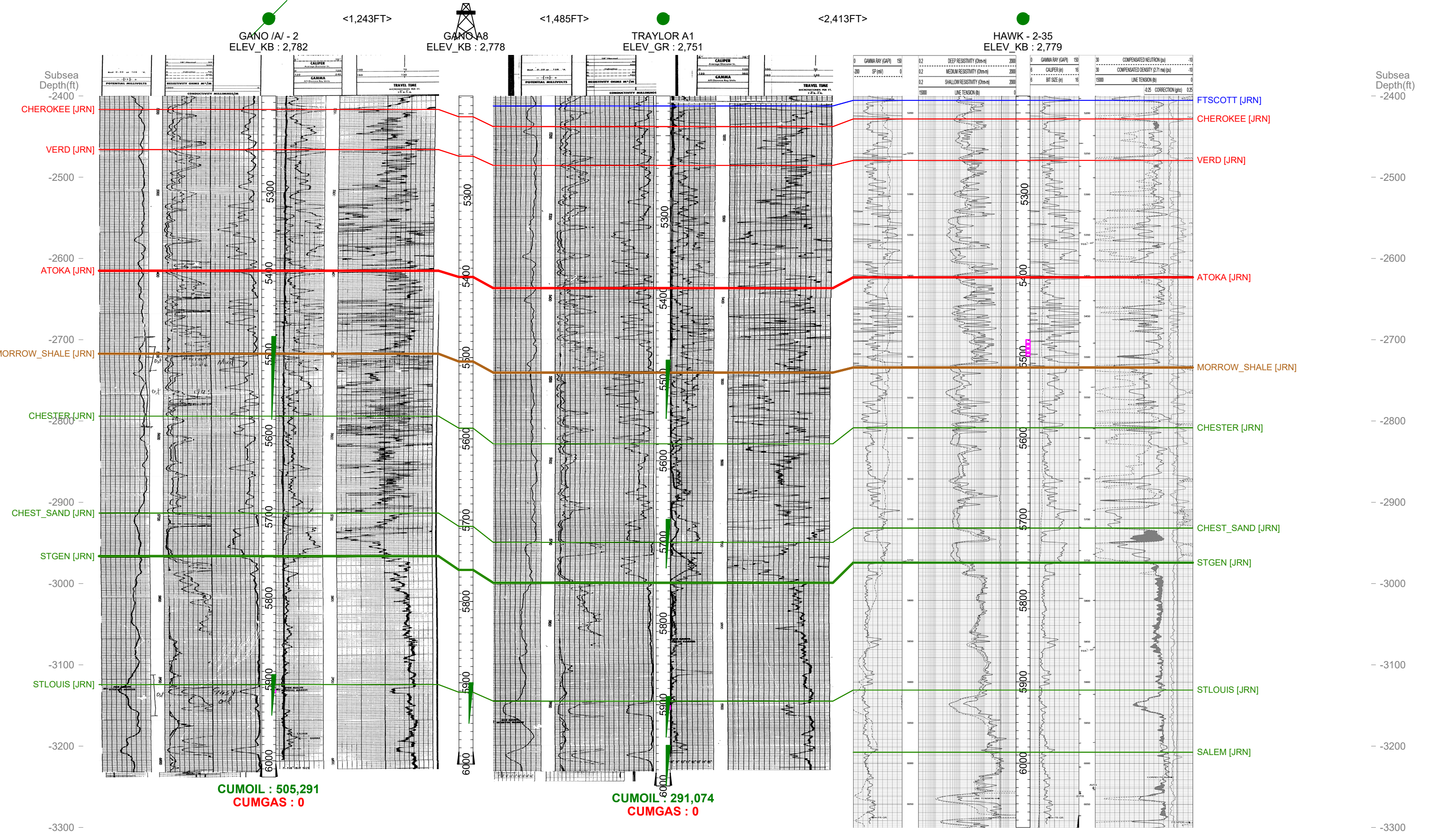






A

A'



Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Andrew J. French, Chairperson
Dwight D. Keen, Commissioner
Annie Kuether, Commissioner

Laura Kelly, Governor

December 05, 2023

Mikey Pham
Scout Energy Management LLC
13800 MONTFORT DRIVE
SUITE 100
DALLAS, TX 75240-4344

Re: ACO-1
API 15-175-22289-00-00
GANO A-8
SW/4 Sec.35-32S-31W
Seward County, Kansas

Dear Mikey Pham:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 8/21/2023 and the ACO-1 was received on November 28, 2023 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department



Daily Drilling Report

GANO A8

Report Date: 08/22/23

Well Data	Section: 35	Block:	Survey: 2763	KB: 13	AFE: 16800
API# 15-175-22289	Field Name: MASSONI	County: SEWARD	State: KANSAS		
Spud date: 8/21/2023	FEL:	FSL:	Ground Elevation: 2,776		

Conductor: 60'	Surf. csg:	Surface Casing			
Present Operation:	CEMENTING				
Current Depth:	1608'	Days from Spud:	1		
Daily Footage:	1608'	Hours of Daywork			
Drillstring	JNTS	WT	Length	Depth	Bit & BHA details:
12 1/4 BIT	1		1	1	WOB: 15
6 1/4 DC	18	85.0	540	540	RPM: 130
4 1/2 DP	33	16.6	1025	1025	Pump Press: 600
KELLY	1		42	42	Bit No. 1
					Size and Type: 12 1/4
					In: 0' Out: 1608'
					Footage: 1608'
					Bit No.
					Size and Type:
					In: Out:
					Footage:
					TOTAL with KB
Total: 1608					

Mud Summary	Mud Weight	9.2	Formation Tops:	MD	Subsea	
	Vis	38		GAU water board	0	0
	LCM	12		Glorieta sands	Top:	Bottom:
	Daily Mud Cost			Panhandle lime	0	
	Cumulative Mud Cost		Brown Dolomite	0		

Description of Operations

From	To	Description
06:00	06:30	MAKE UP BIT & BHA
06:30	11:15	DRILLING FROM 60' TO 522'
11:15	11:45	DEVIATION SURVEY 522' 1 DEGREE
11:45	04:45	DRILLING FROM 522' TO 1022'
04:45	05:00	DEVIATION SURVEY 1022' 1/2 DEGREE
05:00	08:45	DRILLING FROM 1022' TO 1526'
08:45	09:15	DEVIATION SURVEY AT 1526' 3/4 DEGREE
09:15	10:15	DRILLING FROM 1526' TO 1608'
10:15	10:30	CIRCULATE 15 MIN
10:30	12:00	WIPER TRIP TO 582'
12:00	12:15	CIRCULATE 15 MIN
12:15	01:30	DROP SURVEY TOOL & TOH
01:30	04:30	RIG UP CASING TOOLS & RUN 38 JNTS OF 8 5/8 CASING
04:30	05:30	RIG UP CEMENT HEAD & CIRCULATE
05:30	06:00	CEMENT(LEAD) 375 SKS CLASS A2%SMS,2%GYP,2%CC,1/4#POLY(TAIL)150SKS CLASS A 1%SMS2%CC,1/4#POLY

DIESEL 523 gal

Daily Cost Summary

DUKE RIG 9	\$28,168	2T	\$2,283	Supervision	\$800
QUASAR ENERGY	\$19,985	FLINT CASING INSPECTION	\$1,100		
NICHOLS WATER	\$2,000	DIESEL	\$1,532	Today's Total Costs	\$124,015
WYOMING CASING	\$4,227	1598' 8 5/8 CASING	\$63,920	Cumulative Total Costs	\$163,139



Daily Drilling Report

GANO A8

Report Date: 08/23/23

Well Data	Section: 35	Block:	Survey: 2763	KB: 13	AFE: 16800
API# 15-175-22289	Field Name: MASSONI	County: SEWARD	State: KANSAS		
Spud date: 8/21/2023	FEL:	FSL:	Ground Elevation: 2,776		

Conductor: 60'	Surf. csg: 1598'	Surface Casing			
Present Operation: WAITING ON MECANIC					
Current Depth: 2036'	Days from Spud: 2				
Daily Footage: 428'	Hours of Daywork				
Drillstring	JNTS	WT	Length	Depth	Bit & BHA details:
12 1/4 BIT	1		1	1	WOB: 0
6 1/4 DC	18	85.0	540	540	RPM: 0
4 1/2 DP	33	16.6	1025	1025	Pump Press: 0
KELLY	1		42	42	Bit No. 1
					Size and Type: 12 1/4
					In: 0' Out: 1608'
					Footage: 1608'
					Bit No. 2
					Size and Type: 7 7/8
					In: 1608' Out: 2036'
					Footage: 428'
Total: 1608					TOTAL with KB

Mud Weight	9	Formation Tops:	MD	Subsea
Vis	34	GAU water board		
LCM	4#	Glorieta sands		
		Panhandle lime		
		Brown Dolomite		
Daily Mud Cost				
Cumulative Mud Cost				

Description of Operations		
From	To	
06:00	07:00	CEMENT & SET PLUG AT 7:00 AM
07:00	11:00	WOC
11:00	01:00	WELD WELL HEAD
01:00	03:00	NIPPLE UP B.O.P.
03:00	04:15	TIH
04:15	04:45	WORK ON MUD PUMP CHANGE STARTER
04:45	05:15	TEST B.O.P.
05:15	06:30	DRILL CEMENT & PLUG
06:30	07:00	DRILLING FROM 1608' TO 1620'
07:00	07:15	RIG SERVICE
07:15	02:00	DRILLING FROM 1620' TO 2036'
02:00	06:00	RIG REPAIR WORK ON MUD PUMP

DIESEL 374 GAL	
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Daily Cost Summary					
DUKE RIG 9	\$11,948	NICHOLS WATER	\$1,954	Supervision	\$800
DIESEL	\$1,107				
KODA SERVICES	\$15,808			Today's Total Costs	\$33,306
MIKE'S SERVICE	\$1,690			Cumulative Total Costs	\$196,445



Daily Drilling Report

GANO A8

Report Date: 08/24/23

Well Data	Section: 35	Block:	Survey : 2763	KB: 13	AFE: 16800
API# 15-175-22289	Field Name: MASSONI		County: SEWARD	State: KANSAS	
Spud date: 8/21/2023	FEL:		FSL:	Ground Elevation: 2,776	

Conductor: 60'	Surf. csg: 1598'	Surface Casing			
Present Operation:	DRILLING AHEAD				
Current Depth:	2650'	Days from Spud:	3		
Daily Footage:	614'	Hours of Daywork			
Drillstring	JNTS	WT	Length	Depth	Bit & BHA details:
12 1/4 BIT	1		1	1	WOB: 37
6 1/4 DC	18	85.0	540	540	RPM: 75
4 1/2 DP	66	16.6	2067	2067	Pump Press: 800
KELLY	1		42	42	Bit No. 3
					Size and Type: 7 7/8
					In: 2036' Out:
					Footage: 614'
					Bit No.
					Size and Type:
					In: Out:
					Footage:
			Total: 2650		TOTAL with KB

Mud Summary	Mud Weight	9	Formation Tops:	MD	Subsea
	Vis	40	GAU water board	540'	
	LCM	5#	Glorieta sands	1065'	
	Daily Mud Cost		Panhandle lime		Top:
	Cumulative Mud Cost		Brown Dolomite		

Description of Operations		
From	To	
06:00	01:00	RIG REPAIR & DROP SS BIT, TRIP DDC FOR TRICONE
01:00	02:00	TIH WITH BIT #3 TRICONE, REAM FROM 1750' TO 2036'
02:00	12:15	DRILLING FROM 2036' TO 2505'
12:15	12:45	CLEAN SUCTION PIT FOR DISPLACEMENT & CIRCULATE FOR SURVEY 1 DEGREE
12:45	06:00	DRILLING FROM 2505' TO 2650'

DIESEL 449 Gal's	
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Daily Cost Summary			
DUKE RIG 9	\$10,267	Supervision	\$800
DIESEL	\$1,329		
NICHOLS WATER	\$1,589		
		Today's Total Costs	\$13,985
		Cumulative Total Costs	\$210,430



Daily Drilling Report
GANO A8

Report Date: 08/25/23

Well Data	Section: 35	Block:	Survey : 2763	KB: 13	AFE: 16800
API# 15-175-22289	Field Name: MASSONI		County: SEWARD	State: KANSAS	
Spud date: 8/21/2023	FEL:		FSL:	Ground Elevation: 2,776	

Conductor: 60'		Surf. csg: 1598'		Surface Casing	
Present Operation: DRILLING AHEAD					
Current Depth: 3510'		Days from Spud: 4			
Daily Footage: 860'		Hours of Daywork:			
Drillstring	JNTS	WT	Length	Depth	Bit & BHA details:
12 1/4 BIT	1		1	1	WOB: 38
6 1/4 DC	18	85.0	540	540	RPM: 75
4 1/2 DP	93	16.6	2067	2067	Pump Press: 1000
KELLY	1		42	42	Bit No. 3
					Size and Type: 7 7/8
					In: 2036' Out:
					Footage: 1474'
					Bit No.
					Size and Type:
					In: Out:
					Footage:
Total: 2650					TOTAL with KB

Mud Summary	Mud Weight	9.2		Formation Tops:	MD	Subsea
	Vis	42				
	WL	6#				
	Daily Mud Cost					
	Cumulative Mud Cost					

Description of Operations		
From	To	
6:00	9:00	DRILLING FROM 2650' TO 2789'
9:00	9:30	RIG SERVICE & CLEAN SUCTION PIT
9:30	3:00	DRILLING FROM 2789' TO 3009'
3:00	3:30	DEVIATION SURVEY AT 3009' 1 DEGREE
3:30	5:15	DRILLING FROM 3009' TO 3510'
5:15	6:00	DEVIATION SURVEY AT 3510' .75 DEGREE

Diesel 589 GAL

Daily Cost Summary			
DUKE RIG 9	\$13,760		Supervision \$800
DIESEL	\$1,711		
NICHOLS WATER	\$673		
			Today's Total Costs \$16,944
			Cumulative Total Costs \$227,375



Daily Drilling Report
GANO A8

Report Date: 08/26/23

Well Data	Section: 35	Block:	Survey : 2763	KB: 13	AFE: 16800
API# 15-175-22289	Field Name: MASSONI		County: SEWARD	State: KANSAS	
Spud date: 8/21/2023	FEL:		FSL:	Ground Elevation: 2,776	

Conductor: 60'		Surf. csg: 1598'		Surface Casing	
Present Operation: DRILLING AHEAD					
Current Depth: 4180'		Days from Spud: 5			
Daily Footage: 670'		Hours of Daywork:			
Drillstring	JNTS	WT	Length	Depth	Bit & BHA details:
12 1/4 BIT	1		1	1	WOB: 38
6 1/4 DC	18	85.0	540	540	RPM: 75
4 1/2 DP	115	16.6	3597	3597	Pump Press: 1000
KELLY	1		42	42	Bit No. 3
					Size and Type: 7 7/8
					In: 2036' Out:
					Footage: 2144'
					Bit No.
					Size and Type:
					In: Out:
					Footage:
Total: 4180					KB TOTAL with KB

Mud Summary	Mud Weight	9		Formation Tops:	MD	Subsea
	Vis	40				
	WL	8#				
	Daily Mud Cost					
	Cumulative Mud Cost					

Description of Operations		
From	To	
6:00	8:00	DRILLING FROM 3510' TO 3573'
8:00	8:15	RIG SERVICE
8:15	11:00	DRILLING FROM 3573' TO 4013'
11:00	11:30	DEVIATION SURVEY 1 DEGRE , CLEAN SUCTION PIT
11:30	6:00	DRILLING FROM 4013' TO 4180'

DIESEL 674 GAL

Daily Cost Summary			
	DUKE RIG 9	\$10,720	Supervision \$800
	DIESEL	\$1,975	
	NICHOLS WATER	\$976	
			Today's Total Costs \$14,471
			Cumulative Total Costs \$241,846



**Daily Drilling Report
GANO A8**

Report Date: 08/27/23

Well Data	Section: 35	Block:	Survey : 2763	KB: 13	AFE: 16800
API# 15-175-22289	Field Name: MASSONI		County: SEWARD	State: KANSAS	
Spud date: 8/21/2023	FEL:		FSL:	Ground Elevation: 2,776	

Conductor: 60'		Surf. csg: 1598'		Surface Casing	
Present Operation: DRILLING AHEAD					
Current Depth: 4730'		Days from Spud: 6			
Daily Footage: 550'		Hours of Daywork:			
Drillstring	JNTS	WT	Length	Depth	Bit & BHA details:
12 1/4 BIT	1		1	1	WOB: 38
6 1/4 DC	18	85.0	540	540	RPM: 75
4 1/2 DP	132	16.6	4147	4147	Pump Press: 1000
KELLY	1		42	42	Bit No. 3
					Size and Type: 7 7/8
					In: 2036' Out:
					Footage: 2694'
					Bit No.
					Size and Type:
					In: Out:
					Footage:
Total: 4730					KB
					TOTAL with KB

Mud Summary	Mud Weight	9.1		Formation Tops:	MD	Subsea
	Vis	46				
	WL	6#				
	Daily Mud Cost					
	Cumulative Mud Cost					

Description of Operations		
From	To	
6:00	11:00	DRILLING FROM 4180' TO 4327'
11:00	11:15	RIG SERVICE
11:15	7:15	DRILLING FROM 4327' TO 4514'
7:15	7:45	DEVIATION SURVEY AT 4514' .75 DEGREE
7:45	6:00	DRILLING FROM 4514' TO 4730'

DIESEL 598 GAL

Daily Cost Summary			
	DUKE DRILLING	\$8,800	Supervision \$800
	DIESEL	\$1,752	
	NICHOLS	\$1,099	
			Today's Total Costs \$12,451
			Cumulative Total Costs \$254,297



Daily Drilling Report
GANO A8

Report Date: 08/28/23

Well Data	Section: 35	Block:	Survey : 2763	KB: 13	AFE: 16800
API# 15-175-22289	Field Name: MASSONI		County: SEWARD	State: KANSAS	
Spud date: 8/21/2023	FEL:		FSL:	Ground Elevation: 2,776	

Conductor: 60'		Surf. csg: 1598'		Surface Casing	
Present Operation: TOH					
Current Depth: 5090'		Days from Spud: 7			
Daily Footage: 360'		Hours of Daywork:			
Drillstring	JNTS	WT	Length	Depth	Bit & BHA details:
12 1/4 BIT	1		1	1	WOB: 39
6 1/4 DC	18	85.0	540	540	RPM: 75
4 1/2 DP	144	16.6	4507	4507	Pump Press: 1117
KELLY	1		42	42	Bit No. 3
					Size and Type: 7 7/8
					In: 2036' Out: 5090'
					Footage: 3054'
					Bit No.
					Size and Type:
					In: Out:
					Footage:
Total: 5090					KB
					TOTAL with KB

Mud Summary	Mud Weight	9.1		Formation Tops:	MD	Subsea
	Vis	53				
	WL	6#				
	Daily Mud Cost					
	Cumulative Mud Cost					

Description of Operations		
From	To	
6:00	7:00	RIG REPAIR WORK ON MUD PUMP REPLACE VALVLE SEAT
7:00	9:45	DRILLING FROM 4730' TO 4798'
9:45	10:00	RIG SERVICE
10:00	6:30	DRILLING FROM 4798' TO 5000'
6:30	8:00	CONDITION MUD & CIRCULATE
8:00	9:30	WIPER TRIP TO 3040' 22 STANDS
9:30	11:00	CONDITION MUD & CIRCULATE
11:00	3:00	DRILLING FROM 5000' TO 5090'
3:00	4:30	CONDITION MUD & CIRCULATE
4:30	6:00	DROP SURVEY TOOL & T.O.H.

DIESEL 598 GAL	
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Daily Cost Summary			
	DUKE RIG 9	\$8,948	Supervision \$800
	DIESEL	\$1,752	
	NICHOLS WATER	\$1,099	
			Today's Total Costs \$12,599
			Cumulative Total Costs \$266,896



Daily Drilling Report
GANO A8

Report Date: 08/29/23

Well Data	Section: 35	Block:	Survey : 2763	KB: 13	AFE: 16800
API#	15-175-22289	Field Name: MASSONI	County: SEWARD	State: KANSAS	
Spud date:	8/21/2023	FEL:	FSL:	Ground Elevation:	2,776

Conductor:	60'	Surf. csg:	1598'	Surface Casing	
Present Operation:	DRILLING AHEAD				
Current Depth:	5255'	Days from Spud:	8		
Daily Footage:	165'	Hours of Daywork			
Drillstring	JNTS	WT	Length	Depth	Bit & BHA details:
12 1/4 BIT	1		1	1	WOB: 38
6 1/4 DC	18	85.0	540	540	RPM: 75
4 1/2 DP	148	16.6	4672	4672	Pump Press: 1100
KELLY	1		42	42	Bit No. 3
					Size and Type: 7 7/8
					In: 2036' Out: 5090'
					Footage: 3054'
					Bit No. 4
					Size and Type: 7 7/8
					In: 5090' Out:
					Footage: 165'
Total: 5255					KB TOTAL with KB

Mud Summary	Mud Weight	9	Formation Tops:	MD	Subsea
	Vis	53			
	WL	6#			
	Daily Mud Cost				
	Cumulative Mud Cost				

Description of Operations		
From	To	
6:00	7:15	T.O.H. FOR D.S.T.
7:15	8:15	PICK UP D.S.T. TOOLS
8:15	9:45	T.I.H. W/ D.S.T.
9:45	10:15	PICK UP 8 JNTS OF D.P.
10:15	3:15	TEST 30-60-60-120
3:15	5:00	T.O.H. W/ D.S.T. RECOVERY OF 365' OIL & GAS
5:00	5:45	LAY DOWN D.S.T. TOOLS
5:45	8:30	T.I.H. W/ BIT #4
8:30	9:45	CIRCULATE & CONDITION MUD
9:45	6:00	DRILLING FROM 5090' TO 5255'

DIESEL 374 GAL	
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Daily Cost Summary			
DUKE DRILLING	\$9,440	Supervision	\$800
DIESEL	\$1,096		
NICHOLS WATER	\$920		
		Today's Total Costs	\$12,256
		Cumulative Total Costs	\$279,152



**Daily Drilling Report
GANO A8**

Report Date: 08/30/23

Well Data	Section: 35	Block:	Survey : 2763	KB: 13	AFE: 16800
API# 15-175-22289	Field Name: MASSONI		County: SEWARD	State: KANSAS	
Spud date: 8/21/2023	FEL:		FSL:	Ground Elevation: 2,776	

Conductor: 60'		Surf. csg: 1598'		Surface Casing	
Present Operation: DRILLING AHEAD					
Current Depth: 5670'		Days from Spud: 9			
Daily Footage: 415'		Hours of Daywork:			
Drillstring	JNTS	WT	Length	Depth	Bit & BHA details:
12 1/4 BIT	1		1	1	WOB: 38
6 1/4 DC	18	85.0	540	540	RPM: 75
4 1/2 DP	162	16.6	5087	5087	Pump Press: 1100
KELLY	1		42	42	Bit No. 3
					Size and Type: 7 7/8
					In: 2036' Out: 5090'
					Footage: 3054'
					Bit No. 4
					Size and Type: 7 7/8
					In: 5090' Out:
					Footage: 580'
Total: 5670					KB TOTAL with KB

Mud Summary	Mud Weight	9.1		Formation Tops:	MD	Subsea
	Vis	50				
	WL	6#				
	Daily Mud Cost					
	Cumulative Mud Cost					

Description of Operations		
From	To	Description
6:00	11:00	DRILLING FROM 5255' TO 5333
11:00	11:15	RIG SERVICE & CLEAN SUCTION
11:15	6:00	DRILLING FROM 5333' TO 5670'

DIESEL 674 GAL

Daily Cost Summary			
DUKE RIG 9	\$6,640	FLINT CASING INSPECTION	\$1,880
DIESEL	\$1,975	Supervision	\$800
NICHOLS WATER	\$797		
2T CASING TRANSPORT	\$3,384		
Today's Total Costs			\$15,476
Cumulative Total Costs			\$294,627



**Daily Drilling Report
GANO A8**

Report Date: 08/31/23

Well Data	Section: 35	Block:	Survey : 2763	KB: 13	AFE: 16800
API# 15-175-22289	Field Name: MASSONI		County: SEWARD	State: KANSAS	
Spud date: 8/21/2023	FEL:		FSL:	Ground Elevation: 2,776	

Conductor: 60'		Surf. csg: 1598'		Surface Casing	
Present Operation: T.O.H. FOR D.S.T.#2					
Current Depth: 5922'		Days from Spud: 10			
Daily Footage: 252'		Hours of Daywork:			
Drillstring	JNTS	WT	Length	Depth	Bit & BHA details:
12 1/4 BIT	1		1	1	WOB: 38
6 1/4 DC	18	85.0	540	540	RPM: 75
4 1/2 DP	169	16.6	5339	5339	Pump Press: 1100
KELLY	1		42	42	Bit No. 3
					Size and Type: 7 7/8
					In: 2036' Out: 5090'
					Footage: 3054'
					Bit No. 4
					Size and Type: 7 7/8
					In: 5090' Out:
					Footage: 832'
Total: 5922					KB TOTAL with KB

Mud Summary	Mud Weight	9.1		Formation Tops:	MD		Subsea
	Vis	54					
	WL	6#					
	Daily Mud Cost						
	Cumulative Mud Cost						

Description of Operations		
From	To	
6:00	8:15	DRILLING FROM 5670' TO 5715'
8:15	8:30	RIG SERVICE & CLEAN SUCTION PIT
8:30	6:30	DRILLING FROM 5715' TO 5850'
6:30	7:30	CIRCULATE FOR SAMPLES
7:30	8:30	WIPER TRIP TO 4828' (12 STANDS)
8:30	9:30	CIRCULATE ON BOTTOM
9:30	2:30	DRILLING FROM 5850' TO 5922'
2:30	4:00	CIRCULATE FOR SAMPLES 30,60,90, MIN
4:00	6:00	T.O.H. FOR D.S.T.#2

DIESEL 598 GAL

Daily Cost Summary			
	DUKE RIG 9	\$7,007	Supervision \$800
	DIESEL	\$1,752	
	NICHOLS WATER	\$736	
			Today's Total Costs \$10,295
			Cumulative Total Costs \$304,922



**Daily Drilling Report
GANO A8**

Report Date: 09/01/23

Well Data	Section: 35	Block:	Survey : 2763	KB: 13	AFE: 16800
API#	15-175-22289	Field Name: MASSONI	County: SEWARD	State: KANSAS	
Spud date:	8/21/2023	FEL:	FSL:	Ground Elevation:	2,776

Conductor:	60'	Surf. csg:	1598'	Long String	
Present Operation:	CIRCULATING FOR LOGG			DV Tool	
Current Depth:	6050'	Days from Spud:	11	3 Centralizers	
Daily Footage:	128'	Hours of Daywork			
Drillstring	JNTS	WT	Length	Depth	Bit & BHA details:
12 1/4 BIT	1		1	1	WOB: 41
6 1/4 DC	18	85.0	540	540	RPM: 75
4 1/2 DP	174	16.6	5467	5467	Pump Press: 1100
KELLY	1		42	42	Bit No. 3
					Size and Type: 7 7/8
					In: 2036' Out: 5090'
					Footage: 3054'
					Bit No. 4
					Size and Type: 7 7/8
					In: 5090' Out: 6050'
					Footage: 960'
			Total: 6050		KB
					TOTAL with KB

Mud Summary	Mud Weight	9	Formation Tops:	MD	Subsea
	Vis	56			
	WL	8#			
	Daily Mud Cost				
	Cumulative Mud Cost				

Description of Operations		
From	To	
6:00	7:00	FINISH T.O.H.
7:00	7:30	PICK UP D.S.T. TOOLS
7:30	9:00	T.I.H. WITH D.S.T. #2
9:00	1:30	TESTING FROM 5905' TO 5922' 30-60-60-120
1:30	3:45	T.O.H. WITH D.S.T. RECUP. 90' OF OIL/MUD/WATER SHUT IN PSI LESS THEN 500PSI
3:45	4:15	LAY DOWN D.S.T. TOOL
4:15	8:00	T.I.H. BREACK CIRCULATION AT 2000, 4000 AND 5922'
8:00	9:00	CIRCULATE ON BOTTOM
9:00	12:00	DRILLING FROM 5922' TO 5965'
12:00	12:15	RIG REPAIR, REPLACE VALVLE & SPRING ON MUD PUMP
12:15	5:30	DRILLING FROM 5965' TO 6050'
5:30	6:00	CIRCULATE ON BOTTOM

DIESEL 524 GAL	
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Daily Cost Summary			
DUKE RIG 9	\$8,848	Supervision	\$800
DIESEL	\$1,535		
NICHOLS WATER	\$797		
		Today's Total Costs	\$11,980
		Cumulative Total Costs	\$316,903



Daily Drilling Report
GANO A8

Report Date: 09/02/23

Well Data	Section: 35	Block:	Survey : 2763	KB: 13	AFE: 16800
API# 15-175-22289	Field Name: MASSONI		County: SEWARD	State: KANSAS	
Spud date: 8/21/2023	FEL:		FSL:	Ground Elevation: 2,776	

Conductor: 60'	Surf. csg: 1598'	Long String			
Present Operation: RUNING CASING		DV Tool 3 Centralizers			
Current Depth: 6050'	Days from Spud: 12				
Daily Footage: 0'	Hours of Daywork:				
Drillstring	JNTS WT Length Depth	Bit & BHA details:			
		WOB:			
		RPM:			
		Pump Press:			
		Bit No.			
		Size and Type:			
		In:		Out:	
		Footage:			
		Bit No.			
		Size and Type:			
		In:		Out:	
		Footage:			
	Total:				KB TOTAL with KB

Mud Summary	Mud Weight 8.9	Formation Tops:	MD	Subsea
	Vis 47			
	WL 6#			
	Daily Mud Cost			
	Cumulative Mud Cost			

Description of Operations		
From	To	
6:00	7:00	CIRCULATE TO CLEAN HOLE
7:00	9:00	DROP SURVEY TOOL & T.O.H.
9:00	3:15	RIG UP LOGS & LOG LOGGERS TD 6052'
3:15	6:30	T.I.H. BREAKING CIRCULATION AT 2000, 4000 AND ON BOTTOM
6:30	7:30	CIRCULATE ON BOTTOM
7:30	1:00	LAY DOWN D.P. & D.C.
1:00	2:00	LAY DOWN FLOW NIPPLE & KELLY
2:00	5:30	RIG UP CASING CREW & RUN 150 JNTS OF 5 1/2 CASING 6032' CASING SET AT 6042'
5:30	6:00	RIG UP CEMENT HEAD & CIRCULATE

DIESEL 299 GAL	
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Daily Cost Summary			
DUKE RIG 9	\$10,200	6032' OF 5 1/2 CASING	\$126,150
DIESEL	\$876		Supervision \$800
SHANE'S CASING	\$7,681		
			Today's Total Costs \$145,707
			Cumulative Total Costs \$462,610



Daily Drilling Report
GANO A8

Report Date: 09/03/23

Well Data	Section: 35	Block:	Survey : 2763	KB: 13	AFE: 16800
API# 15-175-22289	Field Name: MASSONI		County: SEWARD	State: KANSAS	
Spud date: 8/21/2023	FEL:		FSL:	Ground Elevation: 2,776	

Conductor: 60'		Surf. csg: 1598'		Long String DV Tool 3 Centralizers KB TOTAL with KB		
Present Operation: RIG RELEASED AT 11:30AM 09/02/2023						
Current Depth: 6065'		Days from Spud: 13				
Daily Footage:						
Hours of Daywork:						
Drillstring	JNTS	WT	Length	Depth	Bit & BHA details:	
					WOB:	
					RPM:	
					Pump Press:	
					Bit No.	
					Size and Type:	
					In: surface	Out:
					Footage:	
					Bit No.	
					Size and Type:	
					In:	Out:
					Footage:	

Mud Summary	Mud Weight		Formation Tops:	MD	Subsea
	Vis				
	WL				
	Daily Mud Cost				
	Cumulative Mud Cost				\$ 41,543.82

Description of Operations		
From	To	
6:00	7:15	CIRCULATE CASING
7:15	8:30	CEMENT(LEAD) CLASS H,10%GYP,10%SALT,.4%C15,2#BLITZ(TAIL)CLASS H,10%GYP,10%SALT,.4%C15,2#BLITZ
8:30	11:30	NIPPLE DOWN B.O.P. ,SET SLIPS & CLEAN MUD PITS
11:30	10:00	RIG DOWN CUT 160' OF DRILL LINE
10:00	6:00	RIG WHATCH

DIESEL 152 GAL	
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Daily Cost Summary			
DUKE RIG 9	\$5,100	QUASAR ENERGY	\$23,797
DIESEL	\$445	Supervision	\$800
WINTER MUD	\$41,544		
			Today's Total Costs \$71,686
			Cumulative Total Costs \$534,296



Daily Drilling Report
GANO A8

Report Date: 09/04/23

Well Data	Section: 35	Block:	Survey: 2763	KB: 13	AFE: 16800
API# 15-175-22289	Field Name: MASSONI		County: SEWARD	State: KANSAS	
Spud date: 8/21/2023	FEL:		FSL:	Ground Elevation: 2,776	

Conductor: 60'		Surf. csg: 1598'		Long String DV Tool 3 Centralizers KB TOTAL with KB
Present Operation:				
Current Depth:		Days from Spud: 14		
Daily Footage:		Hours of Daywork:		
Drillstring	JNTS	WT	Length	
Bit & BHA details:				
WOB:				
RPM:				
Pump Press:				
Bit No.				
Size and Type:				
In:		surface		<input type="text" value="Out:"/>
Footage:				
Bit No.				
Size and Type:				
In:				<input type="text" value="Out:"/>
Footage:				

Mud Summary	Mud Weight		Formation Tops:	MD	Subsea
	Vis				
	WL				
	Daily Mud Cost				
	Cumulative Mud Cost				

Description of Operations		
From	To	

Comments:

Daily Cost Summary		
Location	Rentals	Supervision
Road Work		
Rig Move		
Water		
Today's Total Costs		\$0
Cumulative Total Costs		\$534,296



Daily Drilling Report
GANO A8

Report Date: 09/05/23

Well Data	Section: 35	Block:	Survey: 2763	KB: 13	AFE: 16800
API# 15-175-22289	Field Name: MASSONI		County: SEWARD	State: KANSAS	
Spud date: 8/21/2023	FEL:		FSL:	Ground Elevation: 2,776	

Conductor: 60'		Surf. csg: 1598'		Long String DV Tool 3 Centralizers KB TOTAL with KB
Present Operation:				
Current Depth:		Days from Spud: 15		
Daily Footage:		Hours of Daywork:		
Drillstring	JNTS	WT	Length	
Bit & BHA details:				
WOB:				
RPM:				
Pump Press:				
Bit No.				
Size and Type:				
In:		surface		<input type="text" value="Out:"/>
Footage:				
Bit No.				
Size and Type:				
In:				<input type="text" value="Out:"/>
Footage:				

Mud Summary	Mud Weight		Formation Tops:	MD	Subsea
	Vis				
	WL				
	Daily Mud Cost				
	Cumulative Mud Cost				

Description of Operations		
From	To	

Comments:

Daily Cost Summary		
Location	Rentals	Supervision
Road Work		
Rig Move		
Water		
Today's Total Costs		\$0
Cumulative Total Costs		\$534,296



**Daily Drilling Report
GANO A8**

Report Date: 09/06/23

Well Data	Section: 35	Block:	Survey: 2763	KB: 13	AFE: 16800
API# 15-175-22289	Field Name: MASSONI	County: SEWARD	State: KANSAS		
Spud date: 8/21/2023	FEL:	FSL:	Ground Elevation: 2,776		

Conductor: 60'		Surf. csg: 1598'		Long String	
Present Operation:				DV Tool	
Current Depth:		Days from Spud: 16		3 Centralizers	
Daily Footage:		Hours of Daywork:			
Drillstring	JNTS	WT	Length	Depth	Bit & BHA details:
					WOB:
					RPM:
					Pump Press:
					Bit No.
					Size and Type:
					In: surface Out:
					Footage:
					Bit No.
					Size and Type:
					In: Out:
					Footage:
					KB TOTAL with KB

Mud Summary	Mud Weight	Formation Tops:	MD	Subsea
	Vis			
	WL			
	Daily Mud Cost			
	Cumulative Mud Cost			

Description of Operations		
From	To	

Comments:

Daily Cost Summary		
Location	Rentals	Supervision
Road Work		
Rig Move		
Water		
		Today's Total Costs \$0
		Cumulative Total Costs \$534,296



Daily Drilling Report
GANO A8

Report Date: 09/07/23

Well Data	Section: 35	Block:	Survey : 2763	KB: 13	AFE: 16800
API# 15-175-22289	Field Name: MASSONI		County: SEWARD	State: KANSAS	
Spud date: 8/21/2023	FEL:		FSL:	Ground Elevation: 2,776	

Conductor: 60'		Surf. csg: 1598'		Long String DV Tool 3 Centralizers KB TOTAL with KB
Present Operation:				
Current Depth:		Days from Spud: 17		
Daily Footage:		Hours of Daywork:		
Drillstring	JNTS	WT	Length	
Bit & BHA details:				
WOB:				
RPM:				
Pump Press:				
Bit No.				
Size and Type:				
In:	surface	Out:		
Footage:				
Bit No.				
Size and Type:				
In:		Out:		
Footage:				

Mud Summary	Mud Weight							Formation Tops:	
	Vis							MD	Subsea
	WL								
	Daily Mud Cost								
	Cumulative Mud Cost								

Description of Operations		
From	To	

Comments:

Daily Cost Summary		
Location	Rentals	Supervision
Road Work		
Rig Move		
Water		
Today's Total Costs		\$0
Cumulative Total Costs		\$534,296



Daily Drilling Report
GANO A8

Report Date: 09/08/23

Well Data	Section: 35	Block:	Survey : 2763	KB: 13	AFE: 16800
API# 15-175-22289	Field Name: MASSONI		County: SEWARD	State: KANSAS	
Spud date: 8/21/2023	FEL:		FSL:	Ground Elevation: 2,776	

Conductor: 60'		Surf. csg: 1598'		Long String DV Tool 3 Centralizers KB TOTAL with KB
Present Operation:				
Current Depth:		Days from Spud: 18		
Daily Footage:		Hours of Daywork:		
Drillstring	JNTS	WT	Length	
Bit & BHA details:				
WOB:				
RPM:				
Pump Press:				
Bit No.				
Size and Type:				
In:	surface	Out:		
Footage:				
Bit No.				
Size and Type:				
In:		Out:		
Footage:				

Mud Summary	Mud Weight		Formation Tops:	MD	Subsea
	Vis				
	WL				
	Daily Mud Cost				
	Cumulative Mud Cost				

Description of Operations		
From	To	Description

Comments:

Daily Cost Summary		
Location	Rentals	Supervision
Road Work		
Rig Move		
Water		
Today's Total Costs		\$0
Cumulative Total Costs		\$534,296



Daily Drilling Report
GANO A8

Report Date: 09/09/23

Well Data	Section: 35	Block:	Survey : 2763	KB: 13	AFE: 16800
API# 15-175-22289	Field Name: MASSONI		County: SEWARD	State: KANSAS	
Spud date: 8/21/2023	FEL:		FSL:	Ground Elevation: 2,776	

Conductor: 60'		Surf. csg: 1598'		Long String DV Tool 3 Centralizers KB TOTAL with KB
Present Operation:				
Current Depth:		Days from Spud: 19		
Daily Footage:		Hours of Daywork:		
Drillstring	JNTS	WT	Length	
Bit & BHA details:				
WOB:				
RPM:				
Pump Press:				
Bit No.				
Size and Type:				
In:	surface	Out:		
Footage:				
Bit No.				
Size and Type:				
In:		Out:		
Footage:				

Mud Summary	Mud Weight		Formation Tops:	MD	Subsea
	Vis				
	WL				
	Daily Mud Cost				
	Cumulative Mud Cost				

Description of Operations		
From	To	Description

Comments:

Daily Cost Summary		
Location	Rentals	Supervision
Road Work		
Rig Move		
Water		
Today's Total Costs		\$0
Cumulative Total Costs		\$534,296