

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	Double G Petro LLC
Well Name	S&O UNIT 1
Doc ID	1793330

Tops

Name	Top	Datum
Top Anhydrite	1346'	+754
Base Anhydrite	1379'	+721
Topeka	3136'	-1036
Heebner	3420'	-1320
Toronto	3439'	-1339
LKC	3465'	-1365
BKC	3720'	-1620
Pawnee	3769'	-1669
Arbuckle	3849'	-1749

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 4130

Date	7/31/24	Sec.	20	Twp.	16	Range	19	County	Rush	State	Kansas	On Location		Finish	7:15pm
Location								L. Benthal TW 1/2 N Finto							

Lease	S+O Unit	Well No.	1	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor	Discovery Drilling				
Type Job	Surface				
Hole Size	12 1/4	T.D.	1359	Charge To	Double G Petro LLC
Csg.	8 5/8	Depth	1359	Street	
Tbg. Size		Depth		City	State
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg.	42.22	Shoe Joint	42.22	Cement Amount Ordered	475 ⁹⁰ / ₂₀ 3% cc 2% gel
Meas Line		Displace	83.75		201

EQUIPMENT

Pumptrk	17	No.	Cementer	Nick	Common	380
			Helper		Poz. Mix	95
Bulktrk	21	No.	Driver	Jim	Gel.	9
			Driver		Calcium	17
Bulktrk	Pu	No.	Driver	David		
			Driver			

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
Run 8 5/8 and est circulation	Handling 501
Cemented with 475 sks and displaced	Mileage

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
1-Rubber Plug	
1-Baffle plate	
Pumptrk Charge	Long Surface
Mileage	52

X Signature	Ryan Joseph	Tax	
		Discount	
		Total Charge	

Thanks

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 4038

Date <u>8/6/24</u>	Sec. <u>20</u>	Twp. <u>16</u>	Range <u>19</u>	County <u>Rusk</u>	State <u>KS</u>	On Location	Finish <u>5:00pm</u>
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Lease <u>S&O unit</u>		Well No. <u>1</u>	Owner To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor <u>Discovery</u>			
Type Job <u>PTA</u>			
Hole Size	T.D.	Charge To <u>Double D Petro LLC</u>	
Csg.	Depth	Street	
Tbg. Size	Depth	City	State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg.	Shoe Joint	Cement Amount Ordered <u>220SKS 60/40 4%gel</u>	
Meas Line	Displace		

EQUIPMENT

Pumptrk <u>18</u>	No.	Cementer <u>Nick</u>	Common <u>13#</u>
		Helper	Poz. Mix <u>88</u>
Bulktrk <u>9</u>	No.	Driver <u>Joe</u>	Gel. <u>8</u>
		Driver	Calcium
Bulktrk	No.	Driver	

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal <u>50#</u>
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
<u>3829 50SKS</u>	Sand
	Handling <u>228</u>
	Mileage

FLOAT EQUIPMENT

<u>1380 50SKS</u>	Guide Shoe
<u>540 50SKS</u>	Centralizer
<u>60 20SKS</u>	Baskets
<u>RH 30SKS</u>	AFU Inserts
<u>MHA 20SKS</u>	Float Shoe
	Latch Down

Thanks!

Signature <u>[Signature]</u>	Pumptrk Charge <u>plug</u>	Tax
	Mileage <u>52</u>	Discount
		Total Charge

Thanks

OPERATOR

Company: Double G Petro, LLC.
 Address:

Contact Geologist:
 Contact Phone Nbr:

Well Name: SQ Unit #1

Location:

API:

Pool:

State:

Field:
 Country:

Scale 1:240 Imperial

Well Name: SQ Unit #1

Surface Location:

Bottom Location:

API:

License Number:

Spud Date: 7/30/2024

Time: 8:00 AM

Region:

Drilling Completed:

Time:

Surface Coordinates:

Bottom Hole Coordinates:

Ground Elevation: 2092.00ft

K.B. Elevation: 2100.00ft

Logged Interval: 0.00ft

To: 0.00ft

Total Depth: 0.00ft

Formation:

Drilling Fluid Type:

SURFACE CO-ORDINATES

Well Type: Vertical

Longitude: 0

Latitude: 0

N/S Co-ord:

E/W Co-ord:

LOGGED BY

Company: Hard Rock Consulting, Inc.

Address: P.O. Box 1260
 Hays, KS 67601

Phone Nbr: 785-635-5586

Logged By: Geologist

Name: Jason T Alm

CONTRACTOR

Contractor: Discovery Drilling Co, Inc.

Rig #: 4

Rig Type:

Spud Date: 7/30/2024

Time: 8:00 AM

TD Date:

Time:

Rig Release:

Time:

ELEVATIONS

K.B. Elevation: 2100.00ft
K.B. to Ground: 8.00ft








Ground Elevation: 2092.00ft

NOTES

Well Top Comparison

	Double G Petro S&O Unit #1	Jason Oil Co Littler-Stull #1	Mai Oil Operations Oelkers #2
Anhydrite Base	1346' +754 1379' +721	+752 +2 +720 +1	+760 -6
Topeka	3136' -1036	-1027 -9	NA
Heebner	3420' -1320	-1311 -9	-1312 -8
Toronto	3439' -1339	-1329 -10	-1332 -7
Lansing	3465' -1365	-1355 -10	-1357 -8
BKC	3720' -1620	-1608 -12	-1618 -2
Pawnee	3769' -1669	-1657 -12	-1668 -1
Arbuckle	3849' -1749	-1717 -32	Not Reached

ROCK TYPES

 Chtcongl	 Lmst fw7>	 shale, gry	 shale, red
 Dolprim	 shale, grn	 Carbon Sh	

ACCESSORIES

MINERAL


- ▲ Chert, dark
- △ Chert White

OTHER SYMBOLS

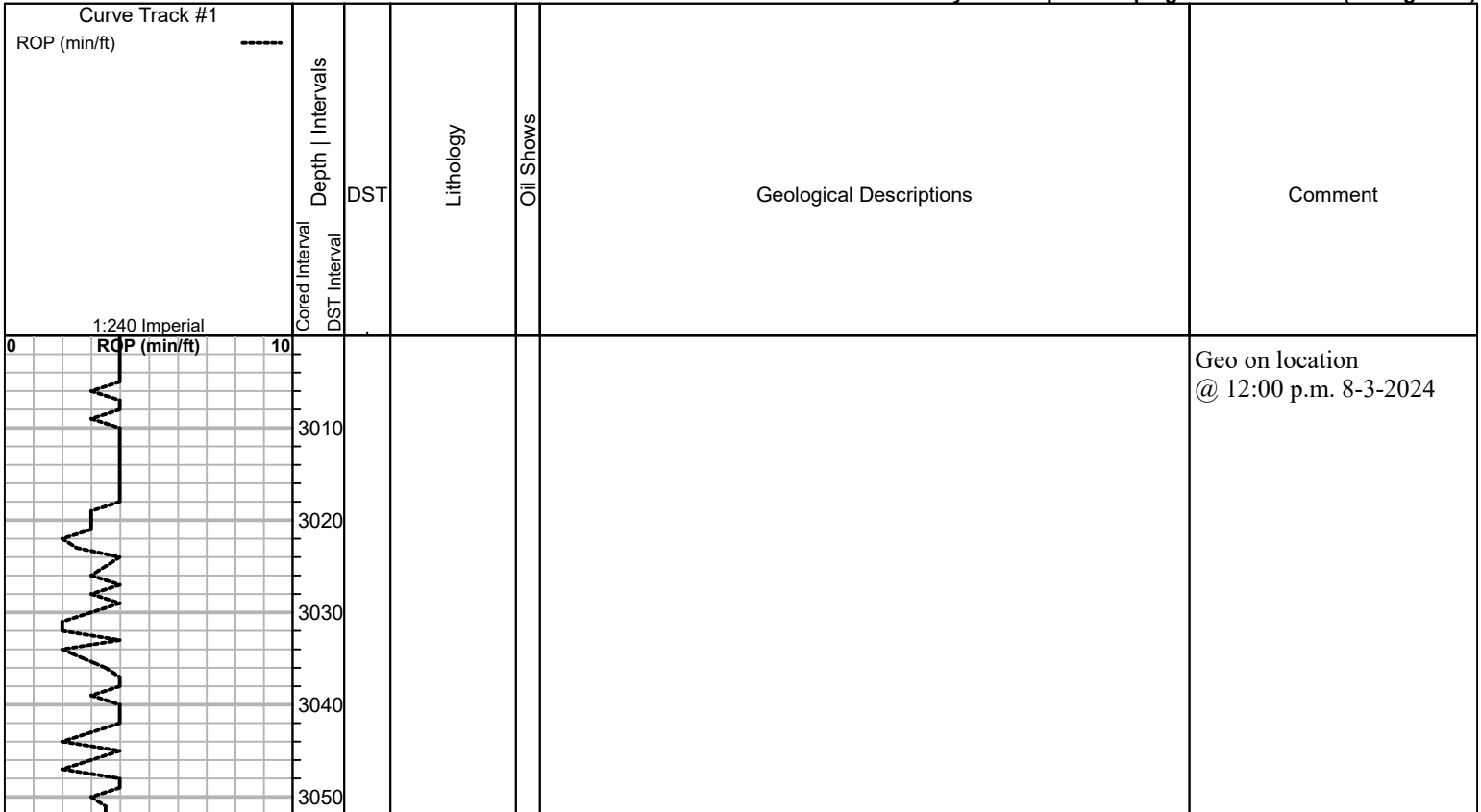
OIL SHOWS

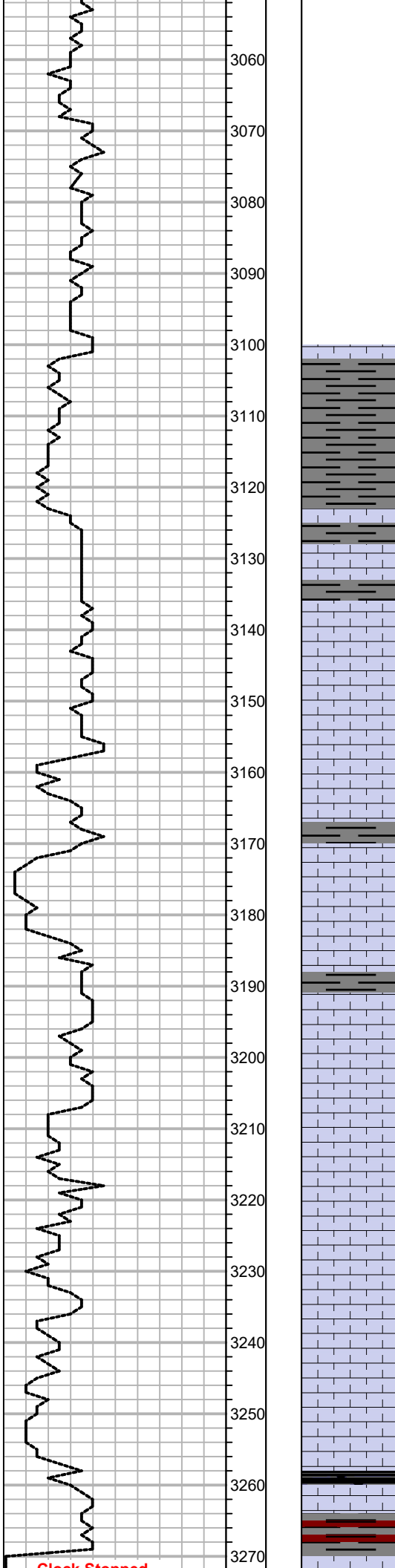
- Even Stn
- Spotted Stn 50 - 75 %
- Spotted Stn 25 - 50 %
- Spotted Stn 1 - 25 %
- Questionable Stn
- D Dead Oil Stn
- Fluorescence

DST

-  DST Int
-  DST alt
-  Core
-  tail pipe

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)





Sh - Gry-grn

Sh - ala, gummy in part

Topeka 3136' -1036'

Ls - Lt gry-tan, fn-subxln, fossil in part, mostly dns, sl chalky

Ls - ala w/ scat poor pinpoint interxln & vuggy por, barren, much gry sh

Ls - Offwh-tan, fn xln w/ fair-good interxln por, barren, chalky

Sh - Drk gry-gry

Ls - Tan-lt gry, fn-subxln, dns, mottled w/ gry sh

Ls - Tan-lt gry, fn xln, mic-ool in part w/ poor-fair moldic por, barren, chalky

Ls - ala

Ls - Tan-lt gry, fn xln, mic-ool pkst in part w/ good moldic por, barren, v chalky

Sh - Blk, carb

Sh - Gry-brn

Clock Stopped

3280
3290
3300
3310
3320
3330
3340
3350
3360
3370
3380
3390
3400
3410
3420
3430
3440
3450
3460
3470
3480
3490

Ls - Offwh-lt gry, fn xln, dns, sl fossil in part

Ls - Tan, fn xln, ool in part w/ scat fair moldic & interxln por, barren

Ls - ala, mostly dns

Sh - Gry

Sh - Blk, carb

Ls - Tan, fn-med xln, ool in part w/ good interxln & scat fair moldic por, barren

Ls - ala

Ls - Tan, fn-med xln, ool pkst in part w/ good moldic & scat good interxln por, barren

Ls - ala, mostly dns, mottled w/ gry sh in part

Ls - Tan, fn xln, ool pkst in part w/ good moldic & scat fair-good interxln por, barren

Ls - Tan-lt gry, fn xln, ool in part w/ scat poor-fair moldic por, barren, sl chalky, sl mottled w/ gry sh

Ls - ala, dns, sl chert-gry

Heebner 3420' -1320

Sh - Blk, carb

Sh - Gry-brn

Toronto 3439' -1339

Ls - Offwh-lt gry, fn-subxln, dns, sl fossil in part

Sh - Gry-grn-brn

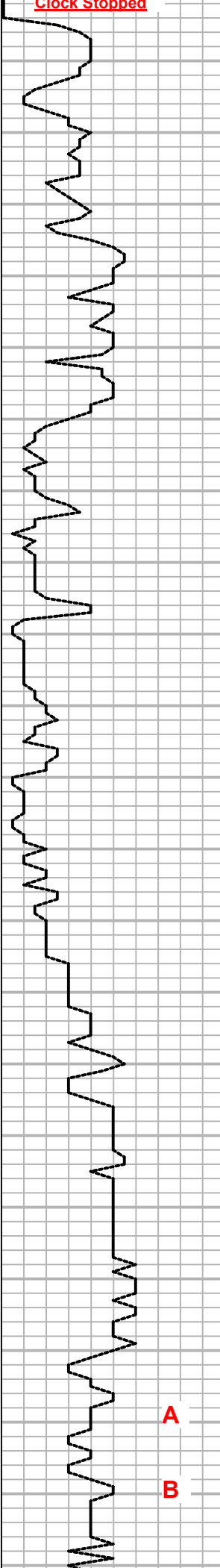
Lansing 3465' -1365

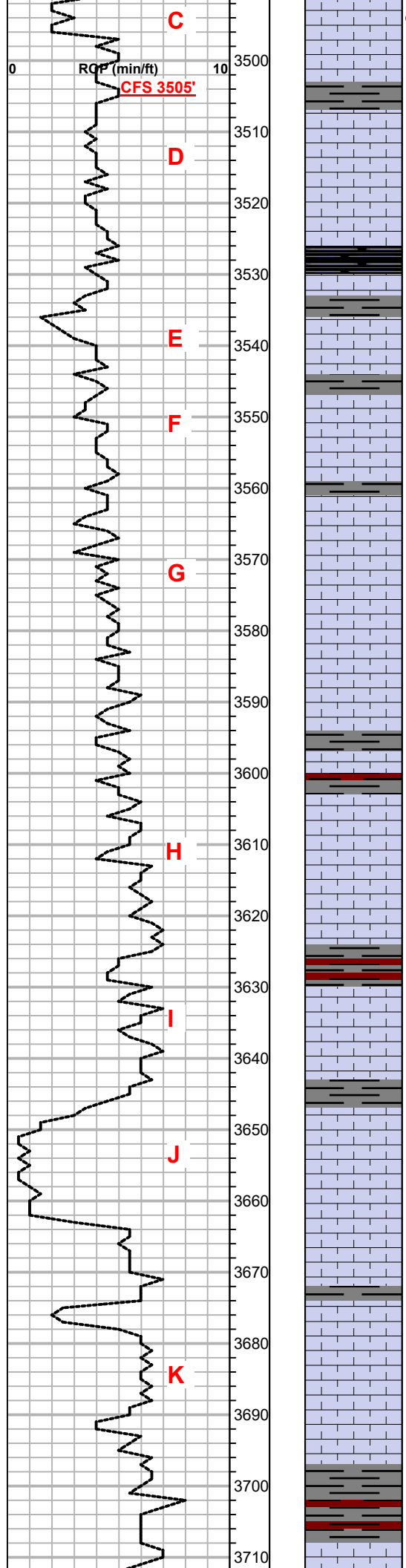
Ls - Tan, fn xln, ool in part w/ poor-scat fair moldic por, barren

Sh - Gry

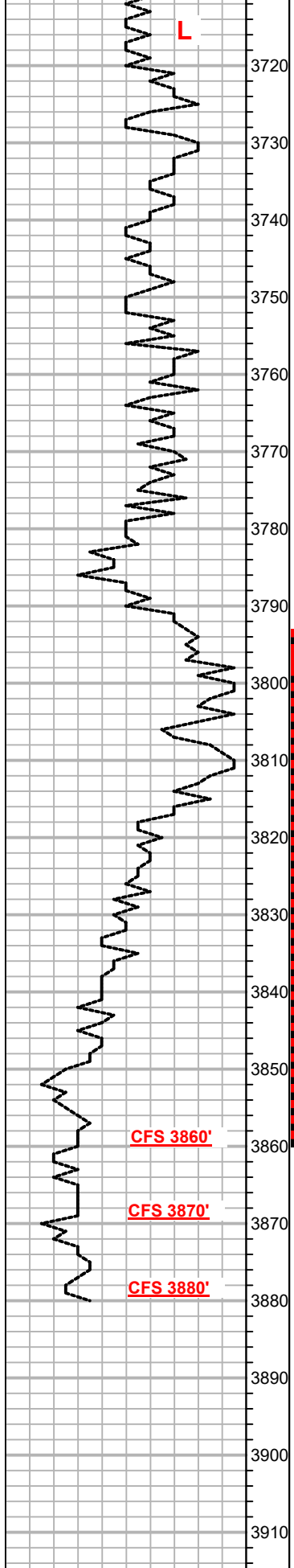
A

B





Ls - Offwh-tan, fn xln, ool pkst in part w/ fair-scat good moldic & scat fair interxln por, few rxns w/ lt spot oil st, nsfo, v lt odor, scat poor yel fluor
 Ls - Offwh-tan, fn-subxln, dns, sl fossil, sl chert-wht-gry
 Sh - Blk, carb
 Ls - Tan-offwh, fn xln, ool in part w/ fair scat ooc por, barren, chalky
 Ls - Tan, fn xln, sl ool in part w/ scat poor ooc & pinpoint vuggy por, barren, chalky
 Ls - Offwh, fn xln, ool pkst in part w/ fair-scat good moldic & ooc por, barren
 Ls - ala, dns, sl chert-wht, sl fossil
 Sh - Drk gry-gry
 Sh - Gry-brn
 Ls - Tan-offwh, fn xln, ool pkst in part w/ poor-scat good ooc & moldic por, barren, sl chalky, sl chert-wht-gry
 Sh - Gry-brn
 Ls - Tan-lt gry, fn-subxln, dns, sl ool, chalky in part
 Sh - Gry
 Ls - Tan-lt gry, fn xln, ool pkst w/ v good moldic por, barren, sl chalky in part
 Ls - Tan, fn xln, ool pkst in part w/ fair-good moldic por, barren
 Sh - Gry-brn



3720
3730
3740
3750
3760
3770
3780
3790
3800
3810
3820
3830
3840
3850
3860
3870
3880
3890
3900
3910

Ls - Tan-lt gry, subxln, dns

BKC 3720' -1620

Sh - Gry-brn

Ls - Lt gry, subxln, dns

Sh - Brn-gry-grn, much chert-brn-orange

Sh - Drk gry-blk

Ls - Lt gry-tan, subxln, dns, much chert-tan-orange

Pawnee 3769' -1669

Ls - Tan-lt gry, subxln dns, sl chert-orange

Ls - ala, chert-wht-orange

Sh - Blk-drk gry

Sh - Red-gry-brn-grn, sl chert-tan-gry

Cong - Red clays, multicolored shales, much angular chert, scat dns Ls

Cong - ala, few pcs dns Ss

Cong - ala

Arbuckle 3849' -1749

● Dolo - Offwh-tan, fn-coarse rhombic crystalline w/ fair- good interxln & scat vuggy por, lt-fair spot oil st in part, sfo on cup, lt-fair odor, lt yel-grn spot fluor, many barren rxcs

Dolo - Offwh-tan, fn xln, rhombicxln, few rxcs w/ fair-good interxln por, most rxcs tite, barren, no odor

Dolo - Offwh-tan, fn-md xln, few rxcs w/ fair-good interxln por, most rxcs tite, barren, hvy chert-offwh, no odor

Total Depth 3880' -1780

CFS 3860'

CFS 3870'

CFS 3880'

Respectfully Submitted,

**Jason T Alm
AAPG # 10134582**

**DST #1
Arbuckle
3793' - 3860'
30-30-30-30**

IH 1815 #
IF 17-23#
Built to 1 in
ISI 930#
Dead
FF 26-30#
Built to 1/2 in
FSI 890#
Dead
FH 1885#
BHT 117 deg F
Recovery:
2' Oil
38' SOGCM 3% Oil

Jason Alm Relieved by
Austin Klaus after DST #1



Company: Double G Petro, LLC
Lease: S & O Unit #1

SEC: 20 TWN: 16S RNG: 19W
 County: RUSH
 State: Kansas
 Drilling Contractor: Discovery Drilling Company, Inc. - Rig 4
 Elevation: 2095 EGL
 Field Name: Litt
 Pool: Infield
 Job Number: 747
 API #: 15-165-22188

Operation:
 Test Complete

DATE
 August
05
 2024

DST #1 **Formation: Arbuckle** **Test Interval: 3793 - 3860'** **Total Depth: 3860'**
 Time On: 21:05 08/05 Time Off: 03:52 08/06
 Time On Bottom: 23:18 08/05 Time Off Bottom: 01:18 08/06

Electronic Volume Estimate:
 46'

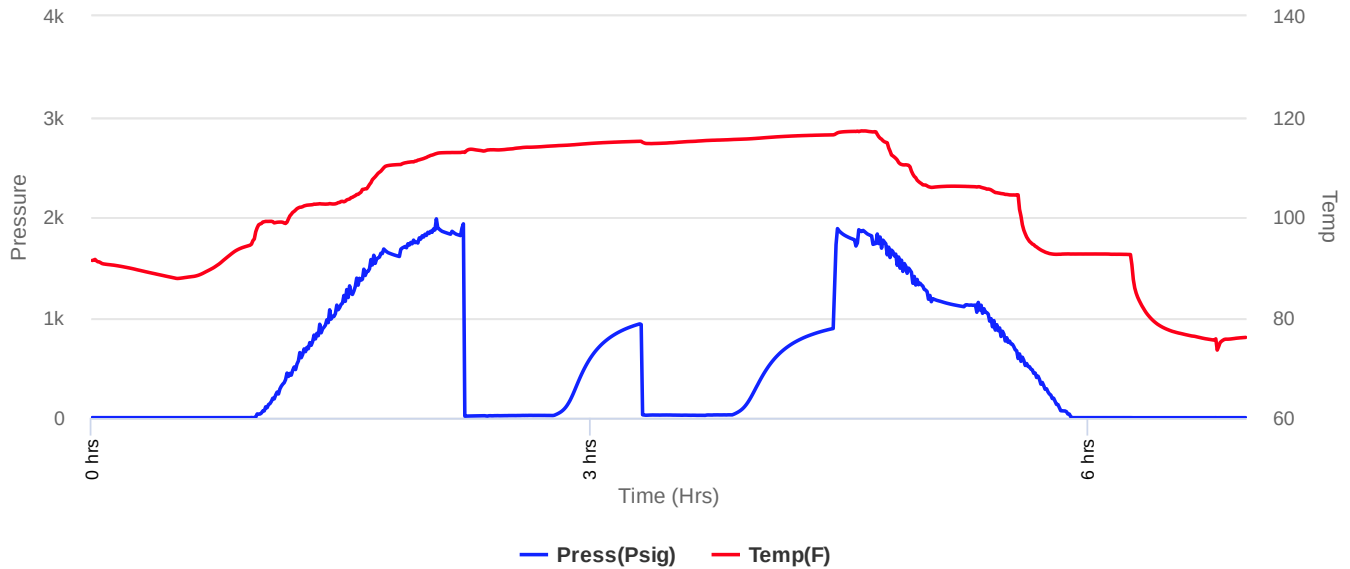
1st Open
 Minutes: 30
 Current Reading:
 1.1" at 30 min
 Max Reading: 1.1"

1st Close
 Minutes: 30
 Current Reading:
 0" at 30 min
 Max Reading: 0"

2nd Open
 Minutes: 30
 Current Reading:
 .5" at 30 min
 Max Reading: .5"

2nd Close
 Minutes: 30
 Current Reading:
 0" at 30 min
 Max Reading: 0"

Inside Recorder





Company: Double G Petro, LLC
Lease: S & O Unit #1

SEC: 20 TWN: 16S RNG: 19W
 County: RUSH
 State: Kansas
 Drilling Contractor: Discovery Drilling Company, Inc. - Rig 4
 Elevation: 2095 EGL
 Field Name: Litt
 Pool: Infield
 Job Number: 747
 API #: 15-165-22188

Operation:
 Test Complete

DATE
 August
05
 2024

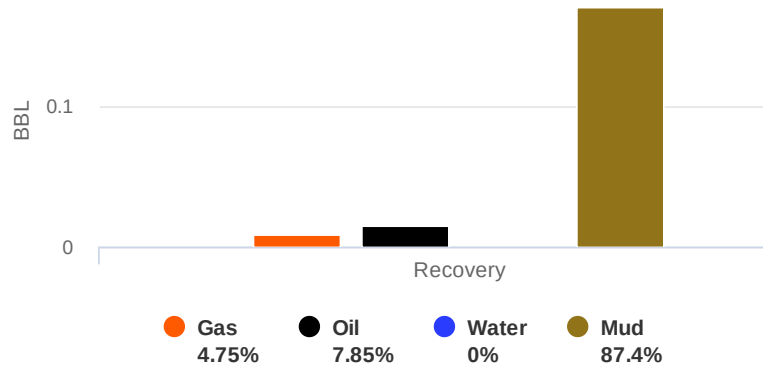
DST #1 **Formation: Arbuckle** **Test Interval: 3793 - 3860'** **Total Depth: 3860'**
 Time On: 21:05 08/05 Time Off: 03:52 08/06
 Time On Bottom: 23:18 08/05 Time Off Bottom: 01:18 08/06

<u>Recovered</u>		<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
<u>Foot</u>	<u>BBLs</u>					
2	0.00984	O	0	100	0	0
38	0.18696	SLOCSLGCM	5	3	0	92

Total Recovered: 40 ft
 Total Barrels Recovered: 0.1968

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	1815	PSI
Initial Flow	17 to 23	PSI
Initial Closed in Pressure	930	PSI
Final Flow Pressure	26 to 30	PSI
Final Closed in Pressure	890	PSI
Final Hydrostatic Pressure	1885	PSI
Temperature	117	°F
Pressure Change Initial Close / Final Close	4.3	%

GIP cubic foot volume: 0.05248



Company: Double G Petro, LLC
Lease: S & O Unit #1

SEC: 20 TWN: 16S RNG: 19W
County: RUSH
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 4
Elevation: 2095 EGL
Field Name: Litt
Pool: Infield
Job Number: 747
API #: 15-165-22188

Operation:
Test Complete

DATE
August
05
2024

DST #1	Formation: Arbuckle	Test Interval: 3793 - 3860'	Total Depth: 3860'
	Time On: 21:05 08/05	Time Off: 03:52 08/06	
	Time On Bottom: 23:18 08/05	Time Off Bottom: 01:18 08/06	

BUCKET MEASUREMENT:

1st Open: Weak, surface blow building to 1 in. in 30 mins.
1st Close: No blow back.
2nd Open: Weak, surface blow building to 1/2 in. in 30 mins.
2nd Close: No blow back.

REMARKS:

Tool Sample: 5% Gas 35% Oil 0% Water 60% Mud

