KOLAR Document ID: 1739397

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

N. Company of the Com					
Name:	Spot Description:				
Address 1:					
Address 2:	Feet from North / South Line of Section				
City: State: Zip: +	Feet from				
Contact Person:	Footages Calculated from Nearest Outside Section Corner:				
Phone: ()	□NE □NW □SE □SW				
CONTRACTOR: License #	GPS Location: Lat:, Long:				
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxxx)				
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84				
Purchaser:	County:				
Designate Type of Completion:	Lease Name: Well #:				
New Well Re-Entry Workover	Field Name:				
	Producing Formation:				
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:				
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:				
☐ OG ☐ GSW					
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet				
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?				
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet				
Operator:	If Alternate II completion, cement circulated from:				
Well Name:	feet depth to: w/ sx cmt.				
Original Comp. Date: Original Total Depth:					
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan				
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)				
	Chloride content: ppm Fluid volume: bbls				
Commingled Permit #:	Dewatering method used:				
Dual Completion Permit #:	Donatoring motified accu.				
SWD Permit #:	Location of fluid disposal if hauled offsite:				
EOR Permit #:	Operator Name:				
GSW Permit #:	Lease Name: License #:				
	Quarter Sec TwpS. R East _ West				
Spud Date or Date Reached TD Completion Date or Recompletion Date	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 Approved by: Date:					

KOLAR Document ID: 1739397

Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS. F	R [East	West	County:					
open and closed and flow rates if	, flowing and sh gas to surface t ty Log, Final Lo	nut-in pressurest, along wit	es, whe h final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if r and Final Electr	station more : ric Loc	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool erature, fluid recovery, Digital electronic log
Drill Stem Tests (Attach Addit			Ye	es No		Lo	og Formatio	n (Top), Deptl	n and Datum	Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name)		Тор	Datum
Cores Taken Electric Log Run Geologist Repor List All E. Logs F	t / Mud Logs		Y€ Y€	es No						
			Repo		RECORD [Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[Depth	Typo	of Cement	# Sacks Use		EEZE RECORD	Typo a	nd Percent Additives	
Perforate Protect Ca Plug Back	Top	Bottom	туре	or cement	# Sacks Use	,u		туре а	ia Percent Additives	
Plug Off Z										
Did you perform Does the volum Was the hydraul	e of the total base	fluid of the hyd	draulic fra	cturing treatmen		•	Yes ns? Yes	No (If No	, skip questions 2 an , skip question 3) , fill out Page Three o	,
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	Pumping Mcf	Wate		ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:
Vented	Vented Sold Used on Lease □ Open Hole □ Perf. □ Dually Comp. □ Commingled Top Bottom					Bottom				
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (Subi	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)			Record	
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Double G Petro LLC
Well Name	COTTONWOOD 1
Doc ID	1739397

Casing

Purpose Of String		Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	262	80/20Poz	175	2%Gel & 3%CC
Production	7.875	5.5	17	3896	QPRO-C		10%Salt- 5%Gilsonit e



Lease: Cottonwood #1

SEC: 24 TWN: 16S RNG: 20W

County: RUSH State: Kansas

Drilling Contractor: Discovery Drilling

Company, Inc. - Rig 2 Elevation: 2098 EGL Field Name: Roland

Pool: Infield Job Number: 708 API #: 15-165-22184

Operation:

Uploading recovery & pressures

<u>DATE</u>

November

21 2023

DST #1 Formation: Lansing

Test Interval: 3476 -

Total Depth: 3502'

2nd Close

N/A

3502'

Time On: 12:24 11/21 Time Off: 16:57 11/21

Time On Bottom: 14:12 11/21 Time Off Bottom: 15:22 11/21

Electronic Volume Estimate:

0'

1st Open Minutes: 30 Current Reading:

0" at 30 min

Max Reading: 0"

1st Close Minutes: 30 Current Reading:

0" at 30 min

Max Reading: 0"

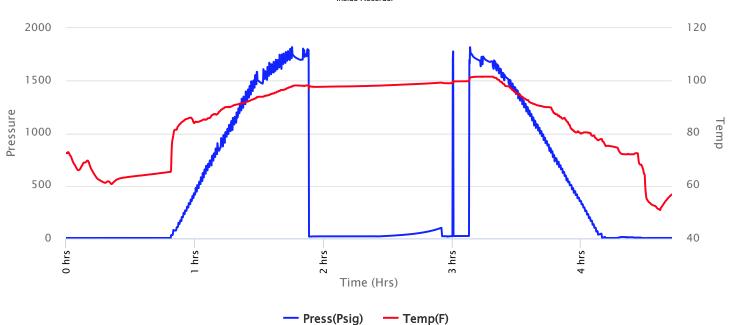
2nd Open Minutes: 10

Current Reading:

0" at 10 min

Max Reading: 0"

Inside Recorder





Lease: Cottonwood #1

SEC: 24 TWN: 16S RNG: 20W

County: RUSH State: Kansas

Drilling Contractor: Discovery Drilling

Company, Inc. - Rig 2 Elevation: 2098 EGL Field Name: Roland Pool: Infield

Job Number: 708 API#: 15-165-22184

Operation:

Uploading recovery & pressures

DATE

November

21

2023

DST #1

Formation: Lansing

Test Interval: 3476 -

Total Depth: 3502'

3502'

Time On: 12:24 11/21

Time Off: 16:57 11/21

Time On Bottom: 14:12 11/21 Time Off Bottom: 15:22 11/21

Recovered

BBLS Foot 1

0.00492

Description of Fluid **HMCO**

Gas % 0

Oil % Tr

Water % 0

Mud % 100

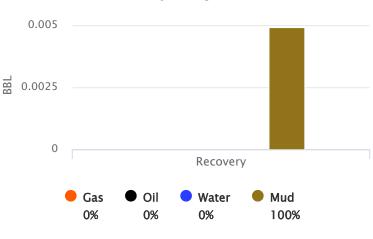
Total Recovered: 1 ft

Total Barrels Recovered: 0.00492

Reversed Out NO

Initial Hydrostatic Pressure	1791	PSI
Initial Flow	19 to 20	PSI
Initial Closed in Pressure	64	PSI
Final Flow Pressure	21 to 23	PSI
Final Closed in Pressure	0	PSI
Final Hydrostatic Pressure	1777	PSI
Temperature	102	°F
Pressure Change Initial	0.0	%
Close / Final Close		

Recovery at a glance



GIP cubic foot volume: 0



Company: Double G Petro, LLC SEC: 24 TWN: 16S RNG: 20W County: RUSH

Lease: Cottonwood #1

State: Kansas

Drilling Contractor: Discovery Drilling

Company, Inc. - Rig 2 Elevation: 2098 EGL Field Name: Roland

Pool: Infield Job Number: 708 API#: 15-165-22184

Operation:

Uploading recovery & pressures

DATE

November

21

2023

DST #1

Formation: Lansing

Test Interval: 3476 -

Total Depth: 3502'

3502'

Time On: 12:24 11/21

Time Off: 16:57 11/21

Time On Bottom: 14:12 11/21 Time Off Bottom: 15:22 11/21

BUCKET MEASUREMENT:

1st Open: Intermittent wsb died in 17 min

1st Close: No blow back

2nd Open: No blow, reset tool, dying surface blow, pulled tool

REMARKS:

Tool Sample: 0% Gas Tr% Oil 0% Water 100% Mud



Lease: Cottonwood #1

SEC: 24 TWN: 16S RNG: 20W

County: RUSH

State: Kansas **Drilling Contractor: Discovery Drilling**

Company, Inc. - Rig 2 Elevation: 2098 EGL

Field Name: Roland Pool: Infield

Job Number: 708 API#: 15-165-22184

1 FT

7 7/8

Operation:

Uploading recovery & pressures

DATE

November

21 2023

DST #1 Formation: Lansing Test Interval: 3476 -Total Depth: 3502'

Bottom Recorder:

Well Bore Size:

3502'

Time Off: 16:57 11/21 Time On: 12:24 11/21

Time On Bottom: 14:12 11/21 Time Off Bottom: 15:22 11/21

Down Hole Makeup

3471 FT Heads Up: 24.16 FT Packer 1:

Drill Pipe: Packer 2: 3445 FT 3476 FT

ID-3 1/2

Top Recorder: 3463 FT

Weight Pipe: FT

ID-2 7/8

Collars: 30 FT

ID-2 1/4

Surface Choke: 1"

Bottom Choke: 5/8" Test Tool: 26.16 FT

ID-3 1/2-FH

Total Anchor: 26

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 25 FT

4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT

ID-3 1/2

Change Over: FT Perforations: (below):

4 1/2-FH



Company: Double G Petro, LLC SEC: 24 TWN: 16S RNG: 20W County: RUSH

Lease: Cottonwood #1

State: Kansas

Drilling Contractor: Discovery Drilling

Company, Inc. - Rig 2 Elevation: 2098 EGL Field Name: Roland

Pool: Infield Job Number: 708 API#: 15-165-22184

Operation:

Uploading recovery & pressures

DATE

November

21

2023

DST #1

Formation: Lansing

Test Interval: 3476 -

Total Depth: 3502'

3502'

Time On: 12:24 11/21

Time Off: 16:57 11/21

Time On Bottom: 14:12 11/21 Time Off Bottom: 15:22 11/21

Mud Properties

Viscosity: 60 Mud Type: Chem Weight: 9.2 Filtrate: 6.8 Chlorides: 5500 ppm



Company: Double G Petro, LLC SEC: 24 TWN: 16S RNG: 20W County: RUSH

Lease: Cottonwood #1

State: Kansas

Drilling Contractor: Discovery Drilling

Company, Inc. - Rig 2 Elevation: 2098 EGL Field Name: Roland

Pool: Infield Job Number: 708 API #: 15-165-22184

Operation:

Uploading recovery & pressures

November

21

DATE

2023

DST #1

Formation: Lansing

Test Interval: 3476 -

Total Depth: 3502'

3502'

Time On: 12:24 11/21

Time Off: 16:57 11/21

Time On Bottom: 14:12 11/21 Time Off Bottom: 15:22 11/21

Gas Volume Report

1st Open 2nd Open

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



Lease: Cottonwood #1

SEC: 24 TWN: 16S RNG: 20W

County: RUSH State: Kansas

Drilling Contractor: Discovery Drilling

Company, Inc. - Rig 4 Elevation: 2098 EGL Field Name: Roland

Pool: Infield Job Number: 708 API #: 15-165-22184

Operation:

Test Complete

DATE November

22 2023

DST #2 Formation: Arbuckle

Test Interval: 3798 -

Total Depth: 3835'

3835'

Time On: 18:06 11/22 Time Off: 00:00 01/01

Time On Bottom: 20:16 11/22 Time Off Bottom: 21:46 11/22

Electronic Volume Estimate: 346' 1st Open Minutes: 15 Current Reading: 17.6" at 15 min

Max Reading: 17.6"

1st Close Minutes: 30 Current Reading:

0" at 30 min

Max Reading: 0"

2nd Open Minutes: 15 Current Reading:

15.8" at 15 min

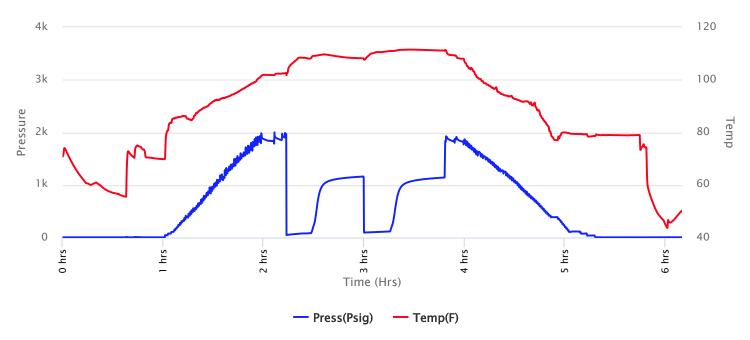
Max Reading: 15.8"

2nd Close Minutes: 30 Current Reading:

0" at 30 min

Max Reading: 0"







Company: Double G Petro, LLC Lease: Cottonwood #1

SEC: 24 TWN: 16S RNG: 20W

County: RUSH State: Kansas

Drilling Contractor: Discovery Drilling

Company, Inc. - Rig 4 Elevation: 2098 EGL Field Name: Roland Pool: Infield

Job Number: 708 API #: 15-165-22184

Operation:

Test Complete

DATE November

22

2023

DST #2 Formation: Arbuckle 1

Test Interval: 3798 -

Total Depth: 3835'

3835'

Time On: 18:06 11/22 Time Off:

Time Off: 00:00 01/01

Time On Bottom: 20:16 11/22 Time Off Bottom: 21:46 11/22

Recovered

<u>Foot</u>	BBLS	Description of Fluid
30	0.4269	SLGCO
1920	27.3216	G
180	2.2821	SLGCSLWCHOCM

<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
5	95	0	0
100	0	0	0
5	40	5	50

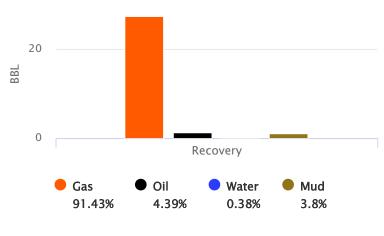
Total Recovered: 2130 ft

Total Barrels Recovered: 30.0306

Reversed Out
NO

Initial Hydrostatic Pressure	1936	PSI
Initial Flow	53 to 83	PSI
Initial Closed in Pressure	1158	PSI
Final Flow Pressure	95 to 114	PSI
Final Closed in Pressure	1138	PSI
Final Hydrostatic Pressure	1907	PSI
Temperature	112	°F
Pressure Change Initial	1.7	%
Close / Final Close		

Recovery at a glance



GIP cubic foot volume: 154.15761



Operation:

Test Complete

Company: Double G Petro, LLC SEC: 24 TWN: 16S RNG: 20W County: RUSH

Lease: Cottonwood #1

State: Kansas

Drilling Contractor: Discovery Drilling

Company, Inc. - Rig 4 Elevation: 2098 EGL Field Name: Roland

Pool: Infield Job Number: 708 API#: 15-165-22184

DATE November

22

2023

DST #2 **Formation: Arbuckle** Test Interval: 3798 -Total Depth: 3835'

3835'

Time On: 18:06 11/22 Time Off: 00:00 01/01

Time On Bottom: 20:16 11/22 Time Off Bottom: 21:46 11/22

BUCKET MEASUREMENT:

1st Open: Strong blow built to bob in 5 minutes

1st Close: No blow back

2nd Open: Strong blow built to bob in 8 minutes

2nd Close: No blow back

REMARKS:

Tool Sample: 5% Gas 45% Oil 5% Water 45% Mud



Lease: Cottonwood #1

SEC: 24 TWN: 16S RNG: 20W

County: RUSH

State: Kansas

Drilling Contractor: Discovery Drilling

Company, Inc. - Rig 4 Elevation: 2098 EGL Field Name: Roland

Pool: Infield Job Number: 708 API#: 15-165-22184

Test Complete

Operation:

DST #2

Formation: Arbuckle

Test Interval: 3798 -3835'

Total Depth: 3835'

3793 FT

DATE November

22

2023

Time On: 18:06 11/22 Time Off: 00:00 01/01

Time On Bottom: 20:16 11/22 Time Off Bottom: 21:46 11/22

Down Hole Makeup

Heads Up: 15.16 FT Packer 1:

Packer 2: **Drill Pipe:** 3758 FT 3798 FT

ID-3 1/2

Top Recorder: 3785 FT

Weight Pipe: FT

ID-2 7/8

Bottom Recorder: 1 FT

Collars: 30 FT Well Bore Size: 7 7/8

ID-2 1/4

1" **Surface Choke:**

Test Tool: 26.16 FT **Bottom Choke:** 5/8"

ID-3 1/2-FH

Total Anchor: 37

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 36 FT

4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT

ID-3 1/2

Change Over: FT Perforations: (below):

4 1/2-FH



Company: Double G Petro, LLC SEC: 24 TWN: 16S RNG: 20W County: RUSH

Lease: Cottonwood #1

State: Kansas

Drilling Contractor: Discovery Drilling

Company, Inc. - Rig 4 Elevation: 2098 EGL Field Name: Roland

Pool: Infield Job Number: 708 API#: 15-165-22184

Operation:

Test Complete

DATE

November

22

2023

DST #2

Formation: Arbuckle

Test Interval: 3798 -

Total Depth: 3835'

3835'

Time On: 18:06 11/22 Time Off: 00:00 01/01

Time On Bottom: 20:16 11/22 Time Off Bottom: 21:46 11/22

Mud Properties

Mud Type: Chem Viscosity: 55 Chlorides: 5800 ppm Weight: 9.3 Filtrate: 7.2



Company: Double G Petro, LLC SEC: 24 TWN: 16S RNG: 20W County: RUSH

Lease: Cottonwood #1

Total Depth: 3835'

State: Kansas

Drilling Contractor: Discovery Drilling

Company, Inc. - Rig 4 Elevation: 2098 EGL Field Name: Roland

Pool: Infield Job Number: 708 API #: 15-165-22184

Operation:

Test Complete

DATE November

22

2023

DST #2 Formation: Arbuckle Test Interval: 3798 -

3835'

Time On: 18:06 11/22 Time Off: 00:00 01/01

Time On Bottom: 20:16 11/22 Time Off Bottom: 21:46 11/22

Gas Volume Report

1st Open 2nd Open

AUSTIN B. KLAUS

Cell 785.650.3629 Work 785.483.3145 Ext 225

PO BOX 352 Russell, KS 67665 austin.klaus@johnofarmer.com

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

Well Name: Cottonwood #1

API: 15-165-22184-00-00

Location: Rush County

License Number: Region: Kansas

Spud Date: 11/17/2023 Drilling Completed: 11/23/2023

Surface Coordinates: Section 24 - Township 16 South - Range 20 West

550' FSL & 1400' FEL

Bottom Hole Vertical well w/ minimal deviation, same as above

Coordinates:

Ground Elevation (ft): 2,097 K.B. Elevation (ft): 2,105 Logged Interval (ft): 3,100 To: 3,899 Total Depth (ft): 3,900

Formation: TOPEKA - ARBUCKLE

Type of Drilling Fluid: Chemical (Mud Co. / Service Mud)

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

OPERATOR

Company: Double G Petro, LLC

Address: PO Box 4

Rozel, KS 67574

Comments

The Cottonwood #1 was drilled by Discovery Drilling Rig #4 (Tool Pusher: Ryan Gaschler).

The location for the Cottonwood #1 was discovered via 3D seismic survey. Drill time was recorded, and rock samples were gathered and evaluated from 3,100' - 3,900'.

The Heebner and Lansing-Kansas City tops came in 3' low to the comparison well, the Hart #1 drilled by Castle Resources Inc. (2001) and located 750' north/northwest.

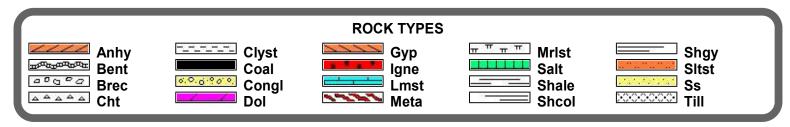
An oil show was encountered in the Lansing-Kansas City C zone (see sample description below). This is a primary producing zone in the area, so the decision was made to further evaluate this zone via bottom-hole drill stem test. The test yielded negative results (see full results below) and indicated the zone was not developed.

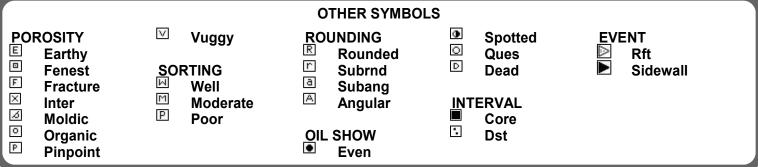
Fair-good drilling breaks occurred in the Lansing-Kansas City H & J zones. Fair-good porosity was observed in the rocks, but due to insufficient show of free oil and low structural position, the decision was made not to conduct a drill stem test.

The Base of the Kansas City came in 4' low to the comparison well. However, structural thinning occurred just above the Arbuckle allowing the Arbuckle top to come in 3' high to the Hart #1.

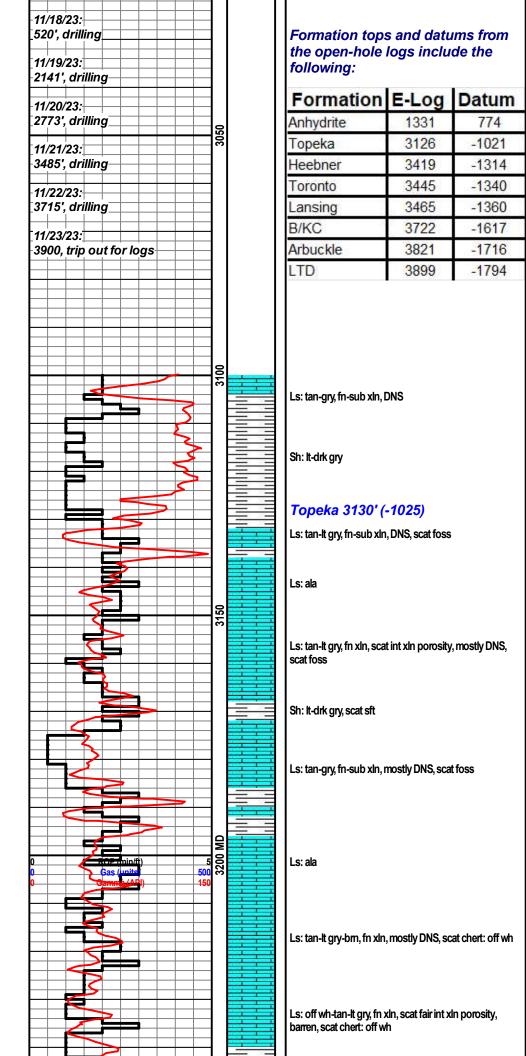
A second bottom-hole drill stem test was conducted over the top 14' of the Arbuckle to further evaluate this zone for commercial quantities of oil. The drill stem test yielded positive fluid recovery (see full results below) with very good bottom-hole pressures.

Upon completion of the drilling operation, electric logs were run to further evaluate the Cottonwood #1. After comprehensive evaluation of oil shows, structural position, drill stem test results, and electric logs, the decision was made to run 5-1/2" production casing to further evaluate the Cottonwood #1 on November 23, 2023.



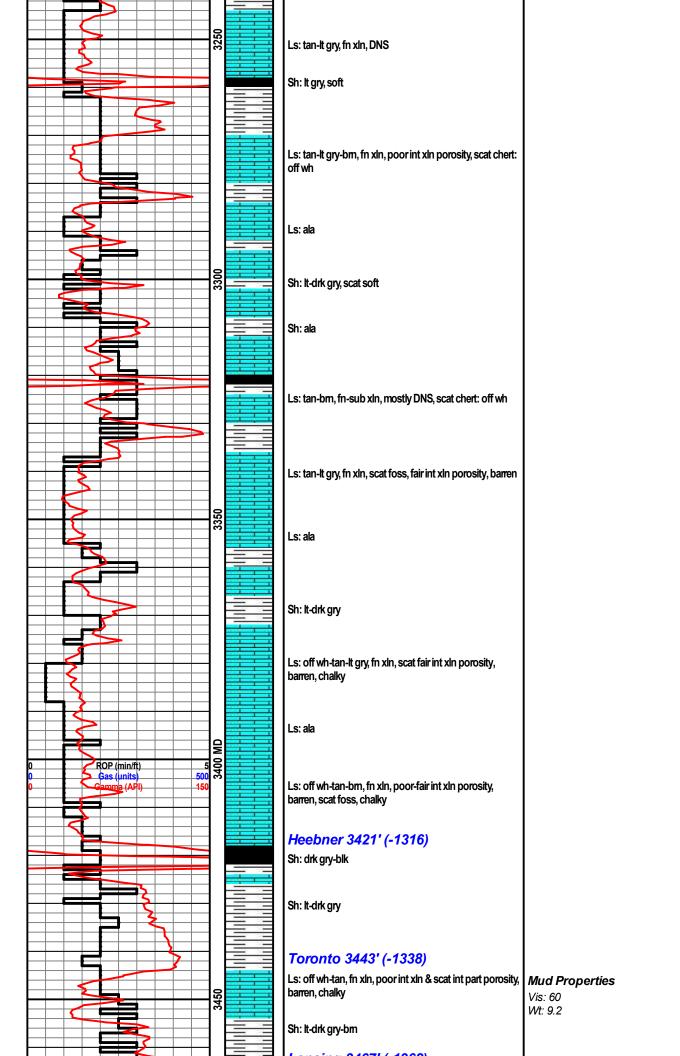


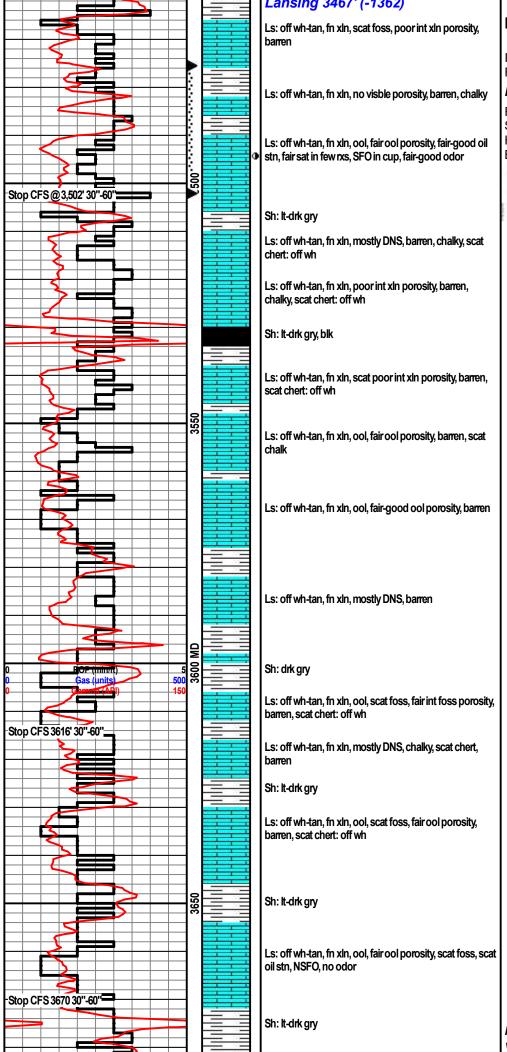
Pinpoint			Even	
Curve Track 1 ROP (min/ft) Gas (units) Gamma (API)	MD Lithology	Oil Shows	Geological Descriptions	DST/Mud/Survey
0 ROP (min/ft) 0 Gas (units) 50 0 Gamma (API) 15	3000		The open-hole logging was performed by Mr. Dan Schmidt with Midwest Wireline, LLC (Hays, KS). Logs included: Compensated Density Neutron, Dual Induction, and Microresistivity.	Mud Engineer: Gary Schmidtberger Tester: Kevin Webster



Mud Properties

Vis: 50 Wt: 9.2





DST#1 3476'-3502' (LKC 'C') 30"-30"-10"-pull

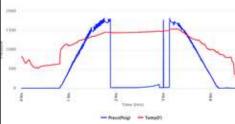
IF: weak surface blow

FF: no blow

Rec: 1' Mud w/ show of oil

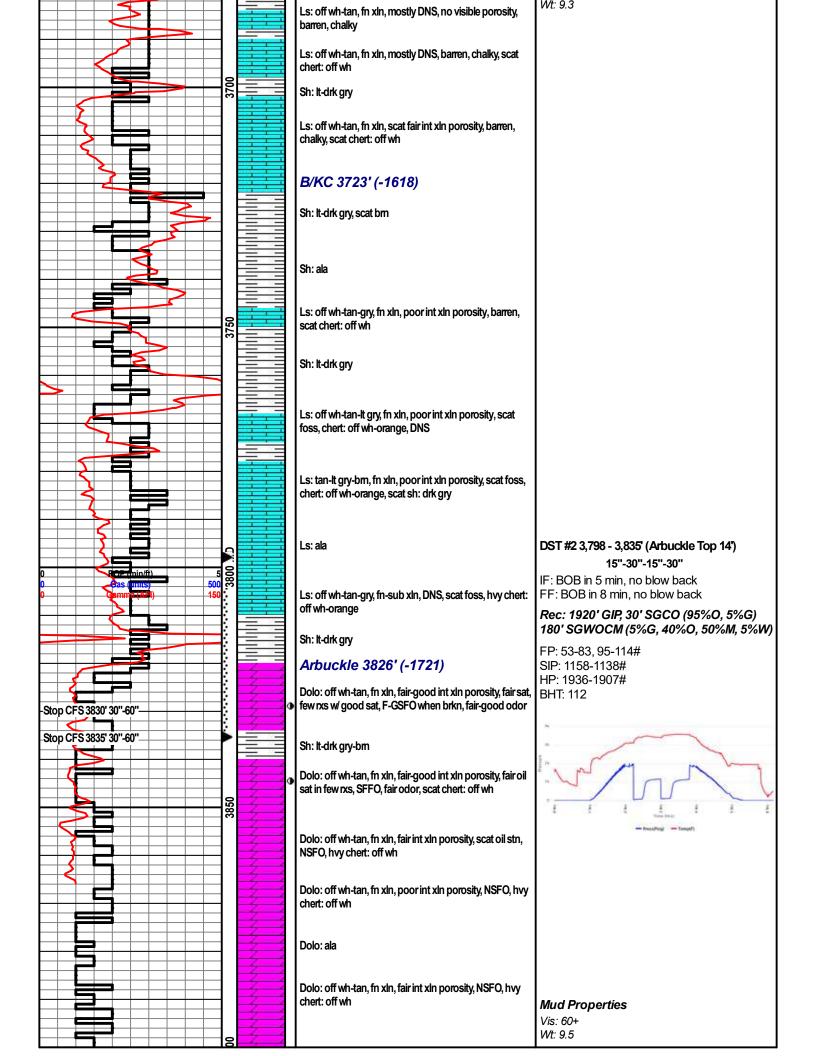
FP: 21-23, N/A SIP: 64-0# HP: 1,791-1,777#

BHT: 102



Mud Properties

Vis: 55



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. 3987

where Ouality Oilwell Cementing, Inc. Ou are hereby requested to rent cementing equenter and helper to assist owner or contraction are provided by the state of t	Juipment and furnish tor to do work as listed.			
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QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

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

No. 4000

Contractor Off Awood Type Job Port Collan Hole Size Csg. 2 3 Tbg. Size Tool Cement Left in Csg.	T.D. Depth Depth Depth Shoe Join	ell No. 1	You are he	Oilwell Cementing, Increby requested to renand helper to assist ow	<u> </u>	and furnish work as listed.			
Contractor Caffaw Type Job Port collan Hole Size Csg. 23 Tbg. Size Tool Cement Left in Csg. Meas Line	T.D. Depth Depth Depth	ell No. 1	To Quality You are he cementer a Charge To Street	ereby requested to ren	t cementing equipment vner or contractor to do	and furnish work as listed.			
Type Job Port collan Hole Size Csg. 2 3 Tbg. Size Tool Cement Left in Csg. Meas Line	Depth Depth Depth	Constitution of the consti	You are he cementer a Charge To Street	ereby requested to ren	t cementing equipment vner or contractor to do	and furnish work as listed.			
Hole Size Csg. 2 3 Tbg. Size Tool Cement Left in Csg. Meas Line	Depth Depth Depth	e actions of	Charge To Street	and helper to assist ow	vner or contractor to do	work as listed.			
Csg. 2 7 Tbg. Size Tool Cement Left in Csg. Meas Line	Depth Depth Depth	e acroine of courset betti Unios di ne	Street	poule G Pe	tro LC				
Tbg. Size Tool Cement Left in Csg. Meas Line	Depth Depth					1508			
Tool Cement Left in Csg. Meas Line	Depth		City						
Cement Left in Csg. Meas Line		sense krie							
Meas Line	Shoe Joir		The above v	The above was done to satisfaction and supervision of owner agent or contracto					
		nt ed hors	Cement Ar	nount Ordered 360	& OnDC 4	Flo			
	Displace		10216	e/		PBKC			
EQUIPM		obally bluyets	Common						
Pumptrk 17 No. Cementer Helper	2115) vel 1	Bill	Poz. Mix	Poz. Mix					
No. Driver Bulktrk Driver	9.11.27-0.11	Wick	Gel. 5						
Bulktrk 19 No. Driver Driver		soe	Calcium						
JOB SERVICES 8	REMARI		Hulls						
Remarks:	aretr Fra	stad nes fun	Salt	Salt					
Rat Hole	Flowseal	Flowseal 75#							
Mouse Hole	Kol-Seal		7 3 7 2 - 7 1/2 2/3	2 2 2 2 2 2					
Centralizers			Mud CLR 4	18					
Baskets				CFL-117 or CD110 CAF 38					
D/V or Port Collar	Sand	70 1.8D 30 10 11	\						
1345 - Test 80		Handling	00	Mary 120	Task no				
amn soo toel	28 172 173			Mileage					
Cent W 1804 C	ant			FLOAT EQUIPM	MENT (
Cemt Circed	gener files		Guide Shoe	Guide Shoe					
Close Tool Tes	De H		Centralizer						
Run 6 J+s Wasi	h cle	êh		Baskets					
Cent Did Ciac			The state of the s	AFU Inserts					
mater a Restriction of the state of the			Float Shoe						
			Latch Dowr						
Used	i Karajana		rovis Lo.8'A')	Tara Ligate Frield					
18521	. Start					-1			
500 # (sel			Pumptrk Ch	Pumptrk Charge De A Bollar VOD					
	and the second		Mileage 52						
a estulat processor to	hym: A z	variable of	Milotago M		Tax				
- Ville 1 - Ven en 1 - Ven - 200	O1 16 (FF1)	00 (01 ID DIC)	ter o modern may by	t . D =	Discount				
X Signature Hermy W	Par	ha		han 15	Total Charge				
Signature TETH	1100	yes			Total Onlinge				

QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-1071

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

No. 3442

Cell 705-324-1041	Landar bill ouch covers	Lucy to State CTS, Ed. sec.	of developed to each tree.	and the second because a country			
Se 11/22/22 2	ec. Twp. Range	County	State	On Location	Finish		
Date 11/23/23 2	9 16 20	Losstian Lichard	hel blacktop 8	1.10(+	1000		
HORE TOUS TOMEN (A.)	Well No.	According to the second to administrative must be	Mal Black top o	10 11 mid pidisulous	Director of sage		
Lease Cottonwood	To Quality	Owner To Quality Oilwell Cementing, Inc.					
Contractor Discovery		You are he	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.				
Type Job Pipe 306 TD 3596		Charge 1					
F1/		To Po					
Csg. 5 /2	Depth		Street				
Tbg. Size	Depth	City	At 13 - Sabal andmar	State	MA PENER AN		
Tool	Depth		The above was done to satisfaction and supervision of owner agent or contractor				
Cement Left in Csg.	Shoe Joint		Cement Amount Ordered Zoo Qpro C 10% solt 5%gel				
Meas Line	Displace 75, C	06	20062	YTHANO Brussel	D SHIWOI Regust VTHALK		
No. Cementer	and the second s		Common (1)O() >/C				
Pumptrk / Helper	1.M	Poz. Mix	STOMER	I to and bald by GU	TX, will be charge:		
Bulktrk 20 Driver -	20 Driver Joe		Gel.				
Bulktrk PU Driver /	Vick	Calcium					
JOB SERVIO	Hulls	DE LE PRESON DE JANO DE LA JORNA DE LA CAMOTA GARACTE DE LA RESONA					
Remarks:	Salt /	Salt /5					
Rat Hole	Flowseal	- 4	TOG OUT TOT GUISTE.	M. JOSE OF ATTROP			
Mouse Hole	Kol-Seal &	Kol-Seal 800-H					
Centralizers	Mud CLR 4	Mud CLR 48 500 gal					
Baskets	CFL-117 o	CFL-117 or CD110 CAF 38					
D/V or Port Collar	Sand	Sand Draw and to					
Bu-Hupped Kat + n	Handling	Handling 223					
hooked up to casin	9 pumped Cer	vent Mileage			ation of colleges		
displaced bbl u		FLOAT EQUIPM	ENT	oted bas 931/10			
landed plug at 15	Guide Sho	Guide Shoe					
lift pressure 700ps	Centralizer	5 120 13 11 100	TO STUFFE THE REAL	TUAUD &			
-nemnovi bas jahetem ni dijeleh mon sas sa ci kivi bada		Baskets 2	Baskets Z				
salos 101 F1772 Vollealler		AFU Insert			ismson sabnu qin		
31985 277 277 777		Float Shoe		and the second of the second o	LIACO vd benk		
ROYTURE PARENCES	Latch Dow	Latch Down					
		Port Col			ar so a speak and a		
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