

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 Recompletion Date _____ 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	Black Dahlia Oil & Gas Co.
Well Name	STUEDER-1 32-1
Doc ID	1642929

All Electric Logs Run

Dual induction
compensated neutron density
micro
sonic



Company: Black Dahlia Oil & Gas Co.

Lease: Stueder-1 #32-1

SEC: 32 TWN: 17S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1814 EGL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 569
API #: 15-009-26318-00-00

Operation:
Uploading recovery & pressures

DATE
May
04
2022

DST #2 Formation: Arbuckle Test Interval: 3224 - 3286' Total Depth: 3286'

Time On: 21:55 05/04 Time Off: 03:03 05/05
Time On Bottom: 23:16 05/04 Time Off Bottom: 01:31 05/05

Electronic Volume Estimate:
0'

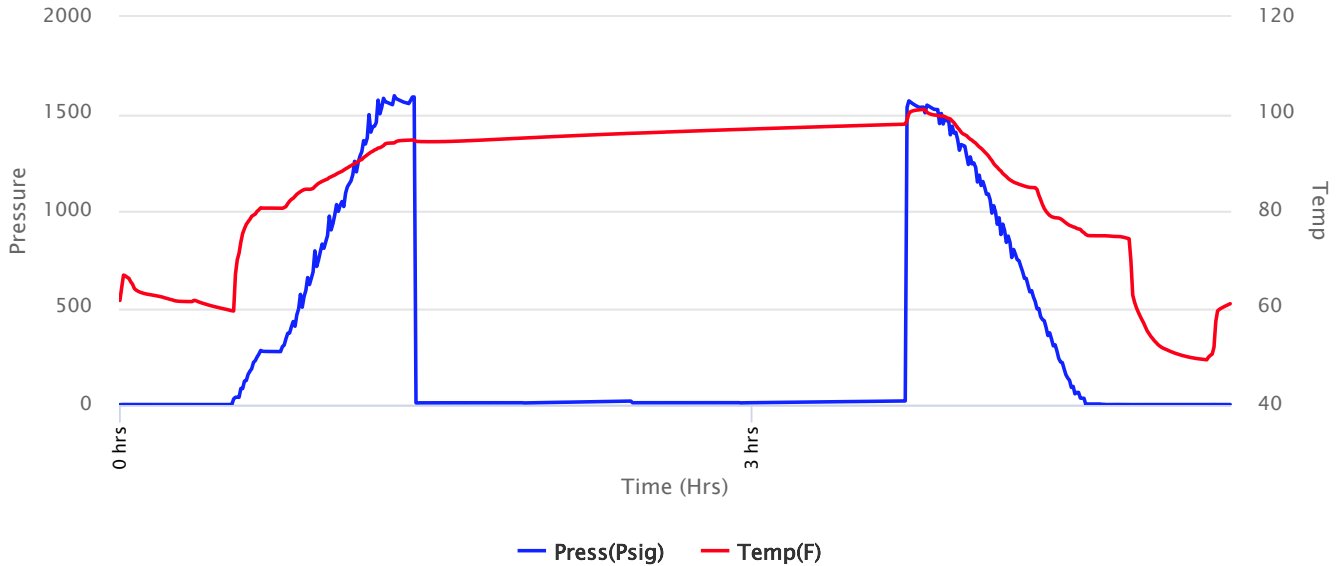
1st Open
Minutes: 30
Current Reading:
0" at 30 min
Max Reading: 0"

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

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

2nd Close
Minutes: 45
Current Reading:
0" at 45 min
Max Reading: 0"

Inside Recorder





Company: Black Dahlia Oil & Gas Co.

Lease: Stueder-1 #32-1

SEC: 32 TWN: 17S RNG: 11W
 County: BARTON
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 1
 Elevation: 1814 EGL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 569
 API #: 15-009-26318-00-00

Operation:
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DATE
 May
04
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Time On: 21:55 05/04 Time Off: 03:03 05/05
 Time On Bottom: 23:16 05/04 Time Off Bottom: 01:31 05/05

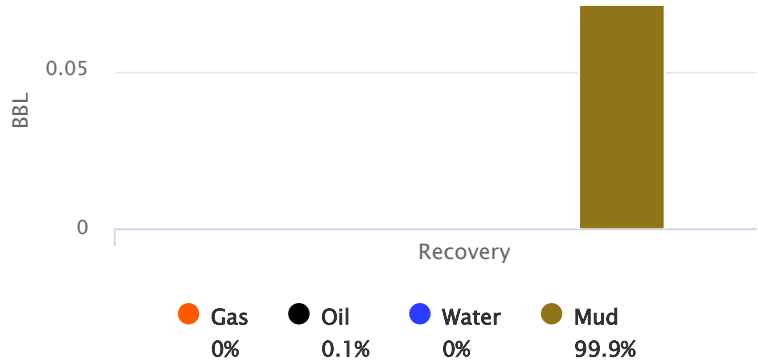
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
5	0.07115	M (trace O)	0	.1	0	99.9

Total Recovered: 5 ft
 Total Barrels Recovered: 0.07115

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	1554	PSI
Initial Flow	10 to 11	PSI
Initial Closed in Pressure	19	PSI
Final Flow Pressure	11 to 11	PSI
Final Closed in Pressure	20	PSI
Final Hydrostatic Pressure	1548	PSI
Temperature	98	°F
Pressure Change Initial Close / Final Close	0.0	%

GIP cubic foot volume: 0



Company: Black Dahlia Oil & Gas Co.

Lease: Stueder-1 #32-1

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Elevation: 1814 EGL
Field Name: Wildcat
Pool: WILDCAT
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API #: 15-009-26318-00-00

Operation:
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DATE
May
04
2022

DST #2 Formation: Arbuckle Test Interval: 3224 - 3286' Total Depth: 3286'
Time On: 21:55 05/04 Time Off: 03:03 05/05
Time On Bottom: 23:16 05/04 Time Off Bottom: 01:31 05/05

BUCKET MEASUREMENT:

1st Open: Surface blow building to 1/4"

1st Close: No BB

2nd Open: Weak surface blow throughout period

2nd Close: No BB

REMARKS:

Tool Sample: 0% Gas 2% Oil 0% Water 98% Mud



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Elevation: 1814 EGL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 569
API #: 15-009-26318-00-00

Operation:
Uploading recovery & pressures

DATE
May
04
2022

DST #2 **Formation: Arbuckle** **Test Interval: 3224 - 3286'** **Total Depth: 3286'**
Time On: 21:55 05/04 Time Off: 03:03 05/05
Time On Bottom: 23:16 05/04 Time Off Bottom: 01:31 05/05

Down Hole Makeup

Heads Up: 35.85 FT	Packer 1: 3219.18 FT
Drill Pipe: 3234.87 FT <i>ID-3 1/2</i>	Packer 2: 3224.18 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3211.18 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 3265 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 61.82	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 5 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 31.82 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 22 FT <i>4 1/2-FH</i>	



**Company: Black Dahlia Oil &
Gas Co.**

Lease: Stueder-1 #32-1

SEC: 32 TWN: 17S RNG: 11W
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State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1814 EGL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 569
API #: 15-009-26318-00-00

Operation:
Uploading recovery &
pressures

DATE
May
04
2022

DST #2 Formation: Arbuckle Test Interval: 3224 - Total Depth: 3286'
3286'

Time On: 21:55 05/04 Time Off: 03:03 05/05
Time On Bottom: 23:16 05/04 Time Off Bottom: 01:31 05/05

Mud Properties

Mud Type: Chemical **Weight:** 9.1 **Viscosity:** 59 **Filtrate:** 8.8 **Chlorides:** 3,500 ppm



Company: Black Dahlia Oil & Gas Co.

Lease: Stueder-1 #32-1

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State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1814 EGL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 569
API #: 15-009-26318-00-00

Operation:
Uploading recovery & pressures

DATE
May
04
2022

DST #2 Formation: Arbuckle Test Interval: 3224 - 3286' Total Depth: 3286'
Time On: 21:55 05/04 Time Off: 03:03 05/05
Time On Bottom: 23:16 05/04 Time Off Bottom: 01:31 05/05

Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D

OPERATOR

Company: Black Dahlia Oil Gas Co.
 Address: 2926 Canada Blvd.
 Glendale, CA 91208-2078

Contact Geologist: James C Geologist
 Contact Phone Nbr: 620-786-0839
 Well Name: Stueder #32-1
 Location: 32-17s-11w E2-SE-SW-NE
 API: 15-009-26318-00-00
 Pool:
 State: Kansas

Field:
 Country: USA

Scale 1:240 Imperial

Well Name: Stueder #32-1
 Surface Location: 32-17s-11w E2-SE-SW-NE
 Bottom Location:
 API: 15-009-26318-00-00
 License Number: 30795
 Spud Date: 4/30/2022 Time: 12:00 AM
 Region: Barton
 Drilling Completed: 5/6/2022 Time: 12:00 AM
 Surface Coordinates: 2310' FNL & 1600' FEL
 Bottom Hole Coordinates:
 Ground Elevation: 1812.00ft
 K.B. Elevation: 1822.00ft
 Logged Interval: 2800.00ft To: 3402.00ft
 Total Depth: 0.00ft
 Formation: Arbuckle
 Drilling Fluid Type: Chemical/Fresh Water Gel

CASING SUMMARY

	Surface	Intermediate	Main		
Bit Size					
Hole Size					
	Size	Set At	Type	# of Joints	Drilled Out At
Surf Casing	8 5/8 in	315 ft			
Int Casing					
Prod Casing	5 1/2 in	3398 ft			

CASING SEQUENCE

Type	Hole Size	Casing Size	At
	0.00 in	0.00	0.00 ft

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude:
 Latitude:
 N/S Co-ord: 2310' FNL
 E/W Co-ord: 1600' FEL

LOGGED BY

Company: James C Musgrove Petroleum LLC
 Address: 212 Main Street/PO Box 215
 Claflin, KS 67525

Phone Nbr: 620-588-4250 620-786-08
 Logged By: KLG #307

Name: James C Musgrove

CONTRACTOR

Contractor: Southwind Drilling
 Rig #: 1
 Rig Type: mud rotary
 Spud Date: 4/30/2022
 TD Date: 5/6/2022
 Rig Release:

Time: 12:00 AM
 Time: 12:00 AM
 Time:

ELEVATIONS

K.B. Elevation: 1822.00ft
 K.B. to Ground: 10.00ft
 Ground Elevation: 1812.00ft

NOTES

Remarks:

The 5 1/2" production casing was set and cemented on the Black Dahlia Oil & Gas Co; Stueder-1 #32-1.

Respectfully yours,

James C Musgrove
 Petroleum Geologist

well comparison sheet

	STUEDER-1 #32-1 BLACK DAHLIA OIL & GAS CO E/2-SE-SW-NE 32-17S-11W				PATZNER #1 HARVEY GOUGH C N/2 SW-NE 32-17s-11w				STUEDER #1 A PICKRELL DRILLING CO SW-NW-SE 32-17s-11w			
	1822 KB				1818 KB		Structural Relationship		1811 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Anhydrite			652	1170								
Base Anhydrite			676	1146								
Heebner			2918	-1096	2914	-1096		0	2912	-1101		5
Toronto			2937	-1115	2936	-1118		3	2932	-1121		6
Douglas			2948	-1126					2943	-1132		6
Brown Lime			3029	-1207					3024			
Lansing			3043	-1221	3036	-1218		-3	3036	-1225		4
Base Kansas City			3288	-1466	3270	-1452		-14	3272	-1461		-5
Conglomerate			3304	-1482	3304	-1486		4	3305	-1494		12
Arbuckle			3343	-1521	3346	-1528		7	3339	-1528		7
Rotary Total Depth			3400	-1578	3346	-1528		-50	3390	-1579		1
Log Total Depth			3402	-1580	3375	-1557		-23	3390	-1579		-1



Operation:
 Uploading recovery & pressures

DATE
 May
 04
 2022

Company: Black Dahlia Oil & Gas Co.
Lease: Stueder-1 #32-1

SEC: 32 TWN: 17S RNG: 11W
 County: BARTON
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 1
 Elevation: 1814 EGL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 569
 API #: 15-009-26318-00-00

DST #1 Formation: LKC "H-J" Test Interval: 3167 - 3220' Total Depth: 3220'
 Time On: 08:32 05/04 Time Off: 14:32 05/04
 Time On Bottom: 10:01 05/04 Time Off Bottom: 13:01 05/04

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLS					
225	3.20175	G	100	0	0	0

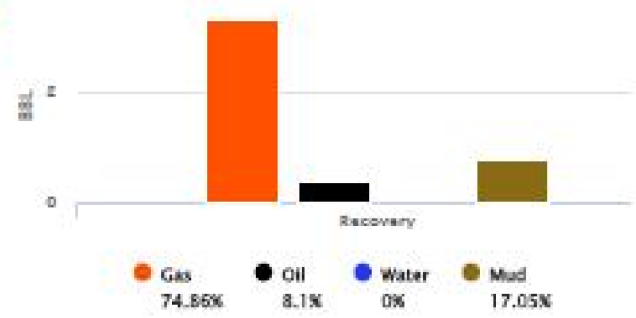
30	0.4269	SLOCM	0	5	0	95
60	0.8538	SLGCHOCM	18	40	0	42

Total Recovered: 315 ft
 Total Barrels Recovered: 4.48245

Reversed Out
NO

Initial Hydrostatic Pressure	1516	PSI
Initial Flow	10 to 35	PSI
Initial Closed In Pressure	775	PSI
Final Flow Pressure	35 to 52	PSI
Final Closed In Pressure	822	PSI
Final Hydrostatic Pressure	1511	PSI
Temperature	103	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance



CIP cubic feet volume: 10,000,000



Company: Black Dahlia Oil & Gas Co.

Lease: Stueder-1 #32-1

SEC: 32 TWN: 17S RNG: 11W
 County: BARTON
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 1
 Elevation: 1814 EGL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 569
 API #: 15-009-26318-00-00

Operation:
 Uploading recovery & pressures

DATE
 May
 04
 2022

DST #2 Formation: Arbuckle Test Interval: 3224 - 3286' Total Depth: 3286'
 Time On: 21:55 05/04 Time Off: 03:03 05/05
 Time On Bottom: 23:16 05/04 Time Off Bottom: 01:31 05/05

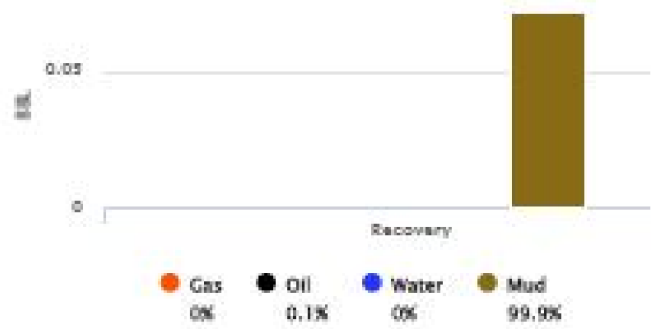
Recovered	Fast	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
5	0.07115	M (trace O)	0	.1	0	99.9	

Total Recovered: 5 ft
 Total Barrels Recovered: 0.07115

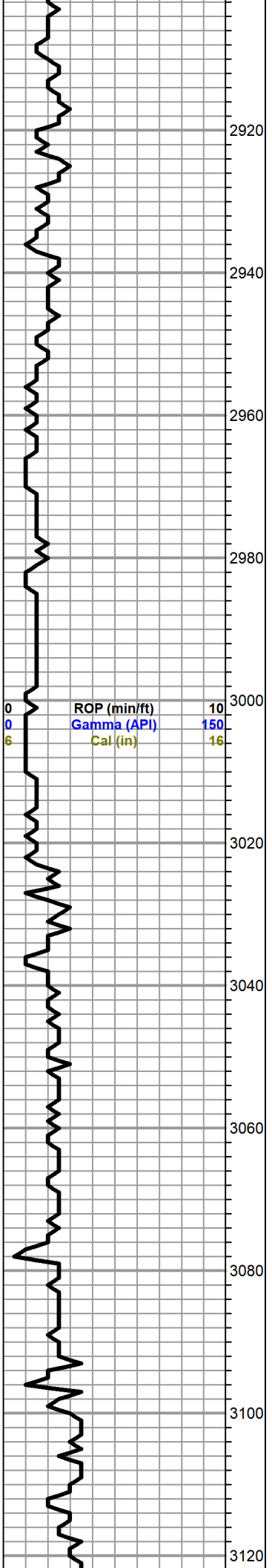
Reversed Out
NO

Initial Hydrostatic Pressure	1554	PSI
Initial Flow	10 to 11	PSI
Initial Closed In Pressure	19	PSI
Final Flow Pressure	11 to 11	PSI
Final Closed In Pressure	20	PSI
Final Hydrostatic Pressure	1548	PSI
Temperature	98	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance



CIP cubic feet volume: 0



Limestone,gray,white,finely crystalline,chalky,poor visible porosity with gray Chert

HEEBNER 2919(-1097)

Shale,black,carbonaceous

Shale,gray,grayish green,soft

TORONTO 2938(-1116)

Limestone,white,gray,finely crystalline,scattered pinpoint type porosity,gray and brown and black stain,trace of free oil and no odor

DOUGLAS 2949(-1127)

Sand,gray,very fine grained,micaeous, silty

varied colored silty shale

as above

Shale,gray,grayish green,micaeous ,silty

ditto as above

BROWN LIME 3028(-1206)

Limestone,tan,brown,fine crystalline,slightly cherty

shale,gray,grayish green ,soft

LANSING 3040(-1218)

Limestone,gray,finely crystalline,fossiliferous,slightly chalky,poor visible porosity no show

Limestone,gray,cream,fossiliferous,poor visible porosity,dense

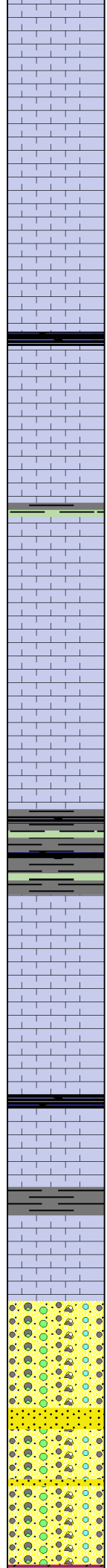
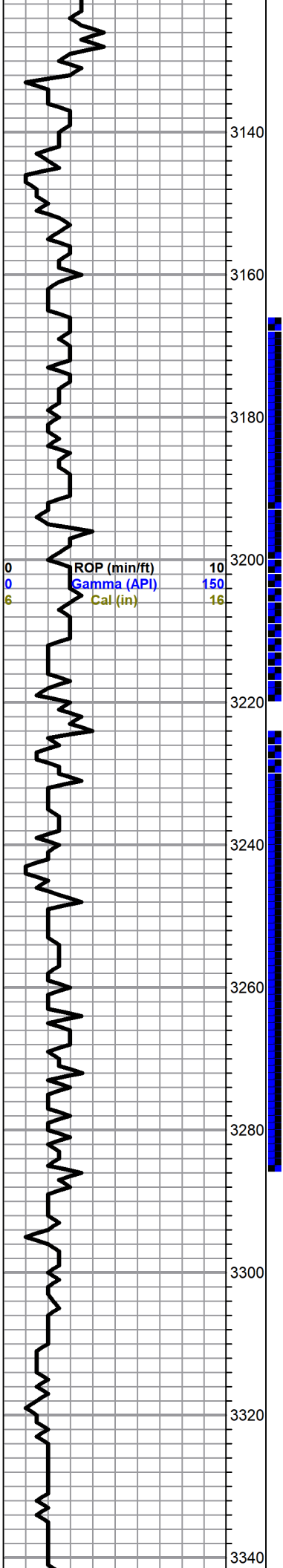
Limestone,white,oolitic,sub oomoldic,scattered porosity,brown and gray to black stain,trace of free oil and faint odor

Limestone,tan,highly oolitic,dense

Limestone,white,oolitic,chalky,poorly developed porosity,trace light brown spotte stain, no free oil and no odor

Limestone,tan,oolitic,chalky increasingly cherty

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100
0	C5 (units)	100



Limestone,white,oolitic,oomoldic,fair fine vuggy and oomoldic type porosity,chalky in part..no show

Limestone,tan,gray,dense

Limestone,white,oomoldic,poor to fair oomoldic porosity.no shows

Limestone,white,gray,dense

Shale,black,carbonaceous

Limestone,white,cream,oolitic,chalky,poor visible porosity,brown and golden brown stain,show of free oil and faint odor

Shale,gray,green,soft

Limestone,white,oolitic,chalky,poor visible,trace brown stain,no free oil and no odor

Limestone,white,gray,oolitic/fossiliferous,chalky in part,brown and golden brown stain, show of free oil and questionable odor in fresh samples

Limestone,white,gray,chalky dense

Shale,green,gray,black,soft

Limestone,white,sub oomoldic,poor porositylight brown stain,trace of free oil and faint odor when samples broken

Limestone,white,gray,chalky poor porosity,no shows

Shale,black,carbonaceous

Limestone,white,gray,chalky,fossiliferous,trace brown and black stain,trace of free oil and no odor

BASE KANSAS CITY 3289(-1467)

Limestone,white,gray,chalky ,few cherty ,dense

CONGLOMERATE 3306(-1484)

Chert,white,yellow,,gray,boney,opaque,trace iron pyrite with red and green shale

varied colored shales with Sand,white,clear,very fine grained,subrounded,fraiable,calcareous,no shows

as above with white and yellow oolitic opaque chert

DST#1 3167-3220
45-45-45-60

Blow,Good(bob 39 1/2 mins)

2nd Opening : Good (bob 27 1/2 mins)

Recovery; 225' Gas in pipe,30'very slightly oil cut mud95% oil,95% mud)...60'heavily oil and gas cut mud (18% gas,40% oil,42% mud)

BHP 775-822 psi
FFP 10-35,35-52 psi

SHS 1516-1511 psi

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100
0	C5 (units)	100

DST#2 3224-3286

30-30-30-45

Blow,weak(1/4 inch)

2nd Opening weak (surface)

Recovery,5' mud,with oil specks

BHP 19-20 psi
FP 10-11,11-11psi

SHS 1554-1548 psi

APPLE 3343(-1521)

ARBUCKLE 3343(-1521)

Dolomite,tan,gray,pink,fine and medium crystalline,fair intercrystalline porosity,(barren)

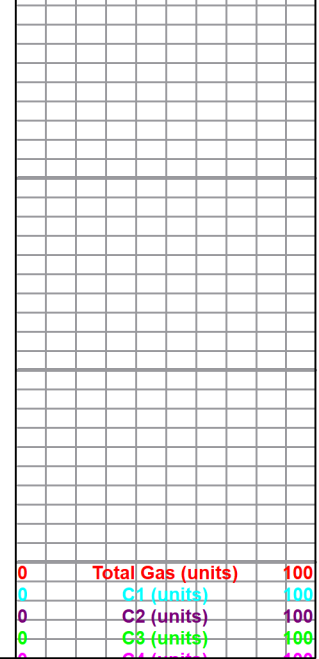
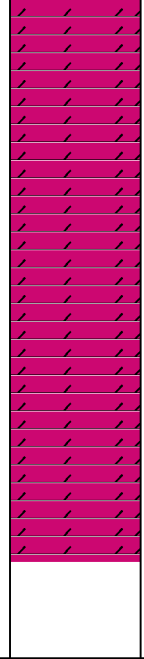
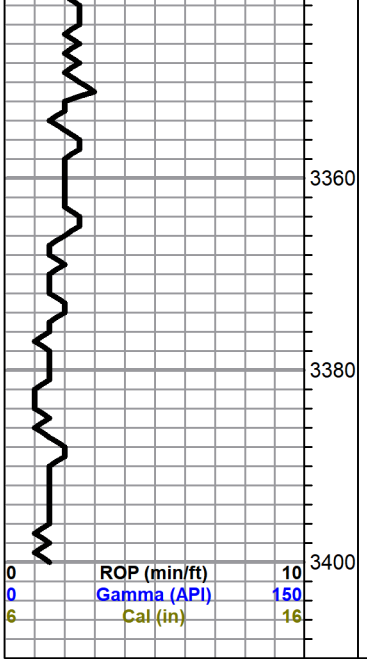
Dolomite ,as above, trace white oolitic Chert

Dolomite,gray,white,cream,fine crystalline,sucriscic,poor visible porosity,no shows

as above sandy in part,trace red dolomitic shale

Dolomite,white,gray,fine crystalline,few cherty,dense

ROTARY TOTAL DEPTH 3400



QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071

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

No. **2815**

Cell 785-324-1041

Date	4-30-22	Sec.	32	Twp.	17	Range	11	County	Barton	State	Ks	On Location		Finish	8:30 PM
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Location **Clafin-1N, 1 1/4 W, 5/8 into**

Lease	Stueder - 1	Well No.	32-1	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	Southwind #1				
Type Job	Surface				
Hole Size	12 1/4"	T.D.	316'	Charge To	Black Dahlia oil + gas
Csg.	80/18"	Depth	315'	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.	15'	Shoe Joint	15'	Cement Amount Ordered	180 80/20 3%CC 2%Gel
Meas Line		Displace	19 BU		

EQUIPMENT

Pumptrk	16	No.	Cementer	David	Common	145
			Helper		Poz. Mix	35
Bulktrk	14	No.	Driver	Doug	Gel.	3
			Driver	Rick	Calcium	7
Bulktrk	piu.	No.	Driver			

JOB SERVICES & REMARKS

Remarks:	Cement did Circulate	Hulls	
		Salt	
Rat Hole		Flowseal	
Mouse Hole		Kol-Seal	
Centralizers		Mud CLR 48	
Baskets		CFL-117 or CD110 CAF 38	
D/V or Port Collar		Sand	
		Handling	190
		Mileage	

FLOAT EQUIPMENT

	Guide Shoe	
	Centralizer	
	Baskets	
	AFU Inserts	
	Float Shoe	
	Latch Down	

Pumptrk Charge	Surface	Tax	
Mileage	30	Discount	
		Total Charge	

Frank J. Rowe
Signature

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. 2820

Date	5-6-22	Sec.	32	Twp.	17	Range	11	County	Barton	State	Ks	On Location	Finish	10:00 AM
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Lease **Stueder 1** Well No. **32-1** Location **Clafin - 1N, 1/4 W, 5/1 into**

Contractor **Southwind #1** Owner **To Quality Oilwell Cementing, Inc.**
 Type Job **Longstring** You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Hole Size **7 7/8"** T.D. **3400'** Charge To **Black Dahlia**

Csg. **5 1/2" 14#** Depth **3397.98'** 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. **42.59** Shoe Joint **42.59'** Cement Amount Ordered **175 com 10% Salt 5% Gilsomite**

Meas Line Displace **81 3/4 BLS** **500 gal mud Clear 48, 20 BLS KCL**

EQUIPMENT
 Pumptrk **16** No. Cementer **NICK** Poz. Mix
 Bulktrk **9** No. Driver **Jordan** Gel.
 Bulktrk **Pull** No. Driver **Rick** Calcium

JOB SERVICES & REMARKS Hulls

Remarks: Salt **15**

Rat Hole **30 5X** Flowseal

Mouse Hole **13 5X** Kol-Seal **800#**

Centralizers **1, 2, 3, 4, 6, 7, 9** Mud CLR 48 **500 gal**

Baskets **4 & 8** CFL-117 or CD110 CAF 38

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

Circulation pump 500 gal mud Handling **198**

Clear 48 + 20 BLS KCL plug Rat Mileage

+ mousehole. Hook to 5 1/2" Casting

+ mix 130 st Cement. shut down

wash pump + lines Displaced plug

w/ 81 3/4 BLS. Released + held.

Lift pressure 200 #

Land plug to 1500 #

Wash plug to 1500 #

Pumptrk Charge **prod. string**

Mileage **30**

Signature **Tracy J. Rowe** Tax
 Discount
 Total Charge

Thanks