

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](mailto: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
--	---

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
---	---	------------------------------------

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:	
----------------	-------	---------	------------	--

Form	ACO1 - Well Completion
Operator	Russell Oil, Inc.
Well Name	BEAR 26-1
Doc ID	1569146

All Electric Logs Run

Microresistivity Log
Dual Induction Log
Dual Comp Porosity Log
Radial Bond Log

Form	ACO1 - Well Completion
Operator	Russell Oil, Inc.
Well Name	BEAR 26-1
Doc ID	1569146

Tops

Name	Top	Datum
Anydrite	1084	854
Base Anhydrite	1116	822
Dover	2614	-676
Tarkio Lm	2716	-778
Topeka	2882	-944
Topeka 30' zn	2920'	-982
Heebner	3147	-1209
Toronto	3172	-1234
Lansing KC	3202	-1264
Muncie Creek	3353	-1415
Stark Sh	3430	-1492
Base KC	NDE	NDE
RTD	3475	-1537
LTD	3475	-1537







**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
 County: OSBORNE  
 State: Kansas  
 Drilling Contractor: Southwind Drilling, Inc - Rig 8  
 Elevation: 1928 GL  
 Field Name: Wildcat  
 Pool: WILDCAT  
 Job Number: 474  
 API #: 15-141-24089-00-00

**Operation:**  
 Uploading recovery & pressures

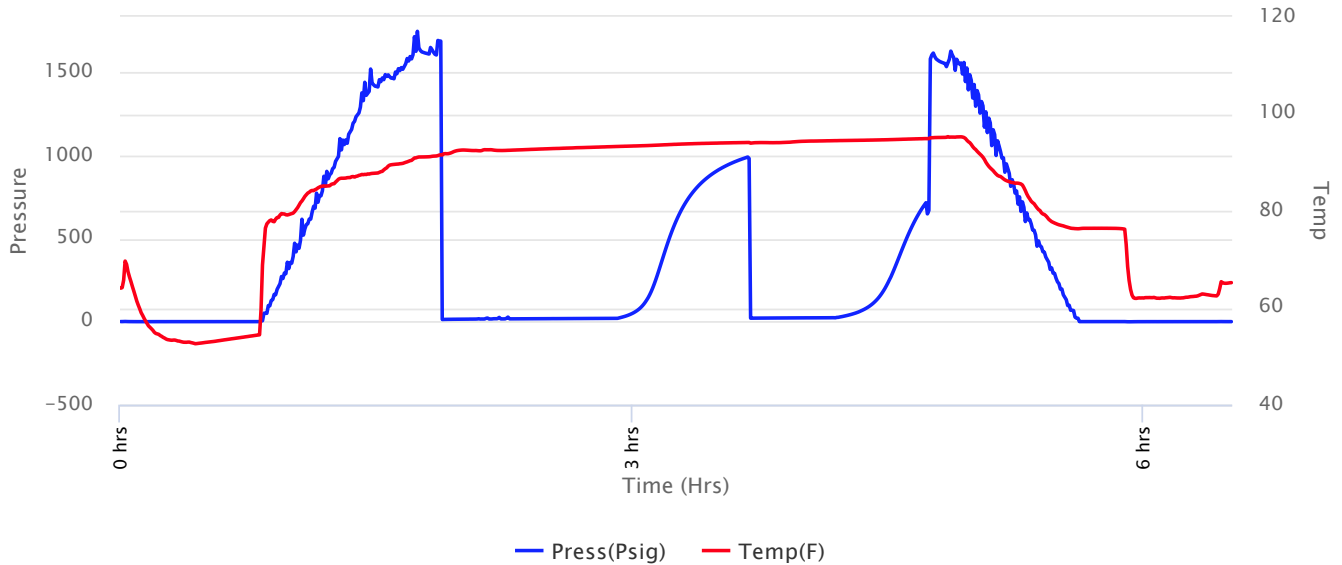
**DATE**  
 April  
**10**  
 2021

**DST #1**      **Formation: Lans A**      **Test Interval: 3182 - 3226'**      **Total Depth: 3226'**  
 Time On: 10:29 04/10      Time Off: 16:51 04/10  
 Time On Bottom: 12:21 04/10      Time Off Bottom: 15:06 04/10

Electronic Volume Estimate:  
 5'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 60	Minutes: 45	Minutes: 30	Minutes: 30
Current Reading: .1" at 60 min	Current Reading: 0" at 45 min	Current Reading: 0" at 30 min	Current Reading: 0" at 30 min
Max Reading: .5"	Max Reading: 0"	Max Reading: .1"	Max Reading: 0"

Inside Recorder





**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
 County: OSBORNE  
 State: Kansas  
 Drilling Contractor: Southwind Drilling, Inc - Rig 8  
 Elevation: 1928 GL  
 Field Name: Wildcat  
 Pool: WILDCAT  
 Job Number: 474  
 API #: 15-141-24089-00-00

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 April  
**10**  
 2021

**DST #1**      **Formation: Lans A**      **Test Interval: 3182 - 3226'**      **Total Depth: 3226'**  
 Time On: 10:29 04/10      Time Off: 16:51 04/10  
 Time On Bottom: 12:21 04/10      Time Off Bottom: 15:06 04/10

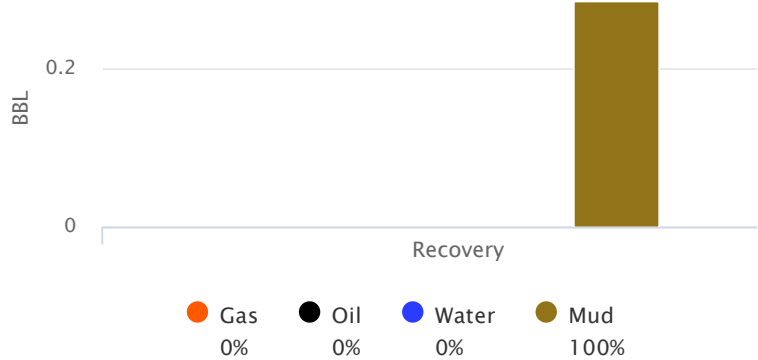
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
20	0.2846	M	0	0	0	100

Total Recovered: 20 ft  
 Total Barrels Recovered: 0.2846

**Reversed Out**  
 NO

**Recovery at a glance**



Initial Hydrostatic Pressure	1605	PSI
Initial Flow	13 to 20	PSI
<b>Initial Closed in Pressure</b>	<b>991</b>	<b>PSI</b>
Final Flow Pressure	21 to 24	PSI
<b>Final Closed in Pressure</b>	<b>716</b>	<b>PSI</b>
Final Hydrostatic Pressure	1605	PSI
Temperature	95	°F
Pressure Change Initial Close / Final Close	27.8	%

GIP cubic foot volume: 0



**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
County: OSBORNE  
State: Kansas  
Drilling Contractor: Southwind Drilling,  
Inc - Rig 8  
Elevation: 1928 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 474  
API #: 15-141-24089-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
April  
**10**  
2021

**DST #1      Formation: Lans A      Test Interval: 3182 -      Total Depth: 3226'**  
**3226'**  
Time On: 10:29 04/10      Time Off: 16:51 04/10  
Time On Bottom: 12:21 04/10      Time Off Bottom: 15:06 04/10

**BUCKET MEASUREMENT:**

1st Open: WSB. Built to 1/2 inch in 60 mins  
1st Close: NOBB  
2nd Open: Very Weak Blow. Blow did not build  
2nd Close: NOBB

**REMARKS:**

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



**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
 County: OSBORNE  
 State: Kansas  
 Drilling Contractor: Southwind Drilling, Inc - Rig 8  
 Elevation: 1928 GL  
 Field Name: Wildcat  
 Pool: WILDCAT  
 Job Number: 474  
 API #: 15-141-24089-00-00

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 April  
**10**  
 2021

**DST #1**      **Formation: Lans A**      **Test Interval: 3182 - 3226'**      **Total Depth: 3226'**  
 Time On: 10:29 04/10      Time Off: 16:51 04/10  
 Time On Bottom: 12:21 04/10      Time Off Bottom: 15:06 04/10

**Down Hole Makeup**

<b>Heads Up:</b> 29.3 FT	<b>Packer 1:</b> 3176.73 FT
<b>Drill Pipe:</b> 3178.46 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 3181.73 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 3166.15 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 3219 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 44.27	<b>Surface Choke:</b> 1"
<b>Anchor Makeup</b>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 2 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> .5 FT	
<b>Drill Pipe: (in anchor):</b> 31.77 FT <i>ID-3 1/2</i>	
<b>Change Over:</b> 1 FT	
<b>Perforations: (below):</b> 8 FT <i>4 1/2-FH</i>	



**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
County: OSBORNE  
State: Kansas  
Drilling Contractor: Southwind Drilling,  
Inc - Rig 8  
Elevation: 1928 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 474  
API #: 15-141-24089-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
April  
**10**  
2021

**DST #1**      **Formation: Lans A**      **Test Interval: 3182 - 3226'**      **Total Depth: 3226'**  
Time On: 10:29 04/10      Time Off: 16:51 04/10  
Time On Bottom: 12:21 04/10      Time Off Bottom: 15:06 04/10

**Mud Properties**

**Mud Type:** Chem      **Weight:** 9.2      **Viscosity:** 59      **Filtrate:** 5.8      **Chlorides:** 8000 ppm



**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
 County: OSBORNE  
 State: Kansas  
 Drilling Contractor: Southwind Drilling, Inc - Rig 8  
 Elevation: 1928 GL  
 Field Name: Wildcat  
 Pool: WILDCAT  
 Job Number: 474  
 API #: 15-141-24089-00-00

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 April  
**10**  
 2021

**DST #1      Formation: Lans A      Test Interval: 3182 - 3226'      Total Depth: 3226'**  
 Time On: 10:29 04/10      Time Off: 16:51 04/10  
 Time On Bottom: 12:21 04/10      Time Off Bottom: 15:06 04/10

**Gas Volume Report**

1st Open

2nd Open

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

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



**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
 County: OSBORNE  
 State: Kansas  
 Drilling Contractor: Southwind Drilling, Inc - Rig 8  
 Elevation: 1928 GL  
 Field Name: Wildcat  
 Pool: WILDCAT  
 Job Number: 474  
 API #: 15-141-24089-00-00

**Operation:**  
 Uploading recovery & pressures

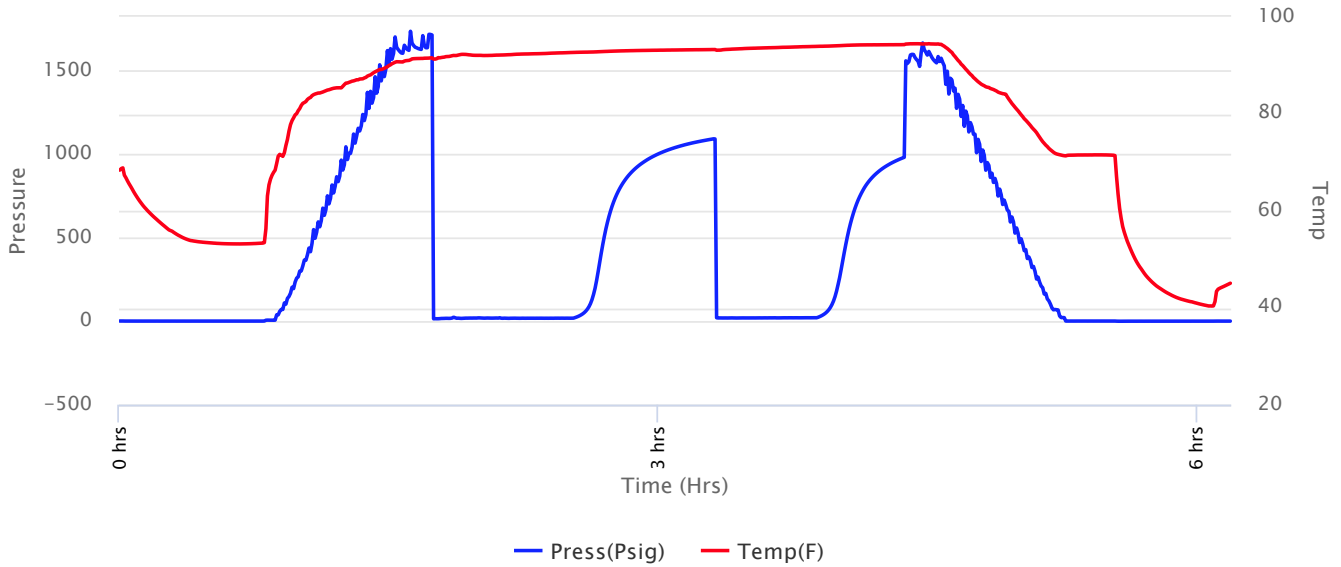
**DATE**  
 April  
**10**  
 2021

**DST #2**      **Formation: Lans B**      **Test Interval: 3214 - 3243'**      **Total Depth: 3243'**  
 Time On: 21:57 04/10      Time Off: 03:58 04/11  
 Time On Bottom: 23:39 04/10      Time Off Bottom: 02:09 04/11

Electronic Volume Estimate:  
 5'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 45	Minutes: 45	Minutes: 30	Minutes: 30
Current Reading: 0" at 45 min	Current Reading: 0" at 45 min	Current Reading: 0" at 30 min	Current Reading: 0" at 30 min
Max Reading: .5"	Max Reading: 0"	Max Reading: .1"	Max Reading: 0"

Inside Recorder







**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
 County: OSBORNE  
 State: Kansas  
 Drilling Contractor: Southwind Drilling, Inc - Rig 8  
 Elevation: 1928 GL  
 Field Name: Wildcat  
 Pool: WILDCAT  
 Job Number: 474  
 API #: 15-141-24089-00-00

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 April  
**10**  
 2021

**DST #2**      **Formation: Lans B**      **Test Interval: 3214 - 3243'**      **Total Depth: 3243'**  
 Time On: 21:57 04/10      Time Off: 03:58 04/11  
 Time On Bottom: 23:39 04/10      Time Off Bottom: 02:09 04/11

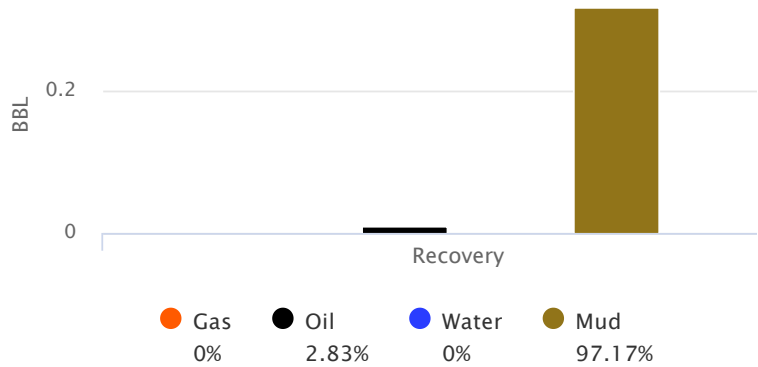
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
10	0.1423	M	0	0	0	100
13	0.18499	SLOCM	0	5	0	95

Total Recovered: 23 ft  
 Total Barrels Recovered: 0.32729

Reversed Out  
 NO

**Recovery at a glance**



Initial Hydrostatic Pressure	1624	PSI
Initial Flow	14 to 17	PSI
<b>Initial Closed in Pressure</b>	<b>1089</b>	<b>PSI</b>
Final Flow Pressure	20 to 20	PSI
<b>Final Closed in Pressure</b>	<b>979</b>	<b>PSI</b>
Final Hydrostatic Pressure	1623	PSI
Temperature	95	°F
Pressure Change Initial Close / Final Close	10.1	%

GIP cubic foot volume: 0



**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
County: OSBORNE  
State: Kansas  
Drilling Contractor: Southwind Drilling,  
Inc - Rig 8  
Elevation: 1928 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 474  
API #: 15-141-24089-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
April  
**10**  
2021

<b>DST #2</b>	<b>Formation: Lans B</b>	<b>Test Interval: 3214 - 3243'</b>	<b>Total Depth: 3243'</b>
	Time On: 21:57 04/10	Time Off: 03:58 04/11	
	Time On Bottom: 23:39 04/10	Time Off Bottom: 02:09 04/11	

**BUCKET MEASUREMENT:**

1st Open: WSB. Built to 1/2 inch in 45 mintues  
1st Close: NOBB  
2nd Open: Very Weak Blow. Blow died 20 mintues in  
2nd Close: NOBB

**REMARKS:**

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



**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
 County: OSBORNE  
 State: Kansas  
 Drilling Contractor: Southwind Drilling, Inc - Rig 8  
 Elevation: 1928 GL  
 Field Name: Wildcat  
 Pool: WILDCAT  
 Job Number: 474  
 API #: 15-141-24089-00-00

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 April  
**10**  
 2021

**DST #2**      **Formation: Lans B**      **Test Interval: 3214 - 3243'**      **Total Depth: 3243'**  
 Time On: 21:57 04/10      Time Off: 03:58 04/11  
 Time On Bottom: 23:39 04/10      Time Off Bottom: 02:09 04/11

**Down Hole Makeup**

<b>Heads Up:</b> 27.7 FT	<b>Packer 1:</b> 3209 FT
<b>Drill Pipe:</b> 3209.13 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 3214 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 3198.42 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 3216 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 29	<b>Surface Choke:</b> 1"
<b>Anchor Makeup</b>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 0 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> 0 FT	
<b>Drill Pipe: (in anchor):</b> 0 FT <i>ID-3 1/2</i>	
<b>Change Over:</b> 0 FT	
<b>Perforations: (below):</b> 28 FT <i>4 1/2-FH</i>	



**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
County: OSBORNE  
State: Kansas  
Drilling Contractor: Southwind Drilling,  
Inc - Rig 8  
Elevation: 1928 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 474  
API #: 15-141-24089-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
April  
**10**  
2021

**DST #2**      **Formation: Lans B**      **Test Interval: 3214 - 3243'**      **Total Depth: 3243'**  
Time On: 21:57 04/10      Time Off: 03:58 04/11  
Time On Bottom: 23:39 04/10      Time Off Bottom: 02:09 04/11

**Mud Properties**

**Mud Type:** Chem      **Weight:** 9.2      **Viscosity:** 52      **Filtrate:** 5.8      **Chlorides:** 8000 ppm



**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
 County: OSBORNE  
 State: Kansas  
 Drilling Contractor: Southwind Drilling, Inc - Rig 8  
 Elevation: 1928 GL  
 Field Name: Wildcat  
 Pool: WILDCAT  
 Job Number: 474  
 API #: 15-141-24089-00-00

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 April  
**10**  
 2021

**DST #2      Formation: Lans B      Test Interval: 3214 - 3243'      Total Depth: 3243'**  
 Time On: 21:57 04/10      Time Off: 03:58 04/11  
 Time On Bottom: 23:39 04/10      Time Off Bottom: 02:09 04/11

**Gas Volume Report**

1st Open

2nd Open

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

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



**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
 County: OSBORNE  
 State: Kansas  
 Drilling Contractor: Southwind Drilling, Inc - Rig 8  
 Elevation: 1928 GL  
 Field Name: Wildcat  
 Pool: WILDCAT  
 Job Number: 474  
 API #: 15-141-24089-00-00

**Operation:**  
 Uploading recovery & pressures

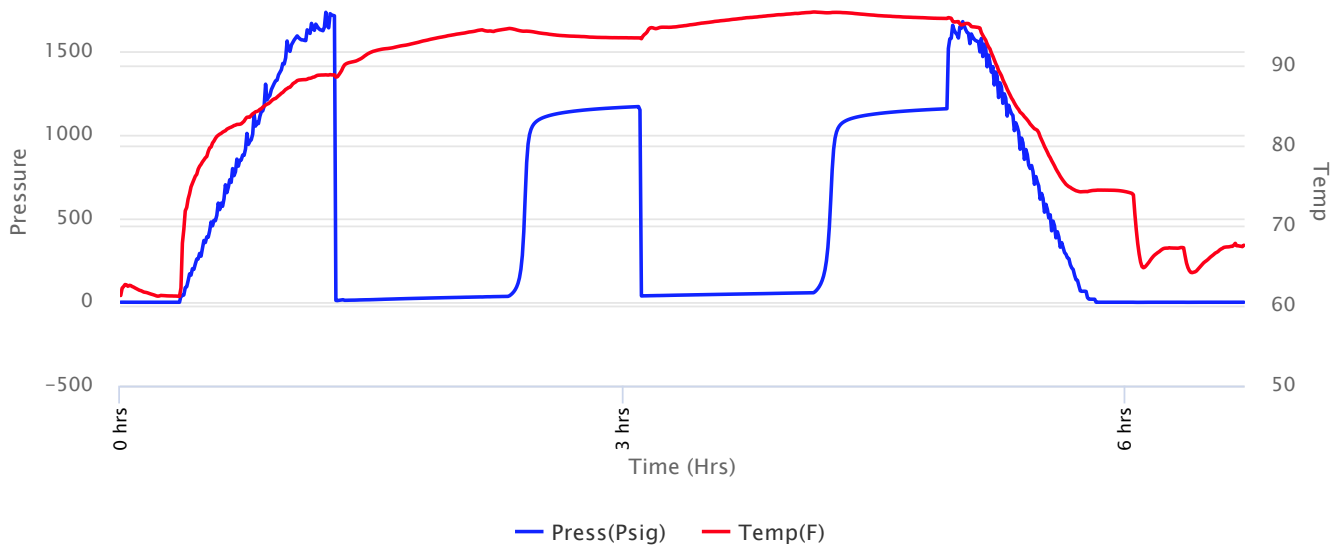
**DATE**  
 April  
**11**  
 2021

**DST #3      Formation: Lans C      Test Interval: 3244 - 3258'      Total Depth: 3258'**  
 Time On: 09:54 04/11      Time Off: 16:30 04/11  
 Time On Bottom: 11:10 04/11      Time Off Bottom: 14:40 04/11

Electronic Volume Estimate:  
 28'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 60	Minutes: 45	Minutes: 60	Minutes: 45
Current Reading: 2" at 60 min	Current Reading: 0" at 45 min	Current Reading: 1" at 60 min	Current Reading: 0" at 45 min
Max Reading: 2.25"	Max Reading: 0"	Max Reading: 1"	Max Reading: 0"

Inside Recorder





**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
 County: OSBORNE  
 State: Kansas  
 Drilling Contractor: Southwind Drilling, Inc - Rig 8  
 Elevation: 1928 GL  
 Field Name: Wildcat  
 Pool: WILDCAT  
 Job Number: 474  
 API #: 15-141-24089-00-00

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 April  
**11**  
 2021

**DST #3**      **Formation: Lans C**      **Test Interval: 3244 - 3258'**      **Total Depth: 3258'**  
 Time On: 09:54 04/11      Time Off: 16:30 04/11  
 Time On Bottom: 11:10 04/11      Time Off Bottom: 14:40 04/11

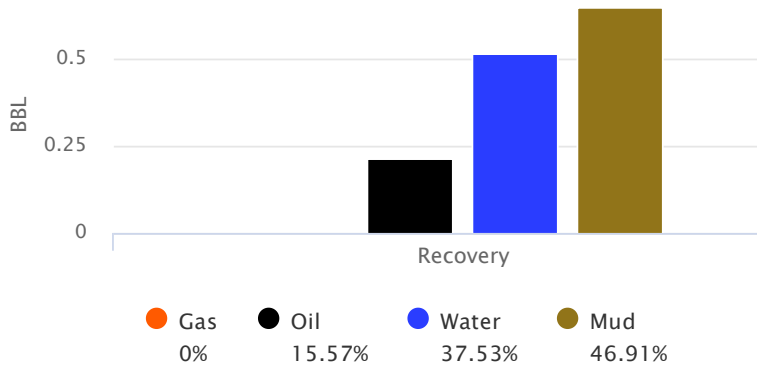
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
6	0.08538	O	0	100	0	0
91	1.29493	SLOCHWCM	0	10	40	50

Total Recovered: 97 ft  
 Total Barrels Recovered: 1.38031

Reversed Out  
 NO

Initial Hydrostatic Pressure	1644	PSI
Initial Flow	11 to 35	PSI
<b>Initial Closed in Pressure</b>	<b>1173</b>	<b>PSI</b>
Final Flow Pressure	38 to 57	PSI
<b>Final Closed in Pressure</b>	<b>1160</b>	<b>PSI</b>
Final Hydrostatic Pressure	1650	PSI
Temperature	97	°F
Pressure Change Initial Close / Final Close	1.1	%

**Recovery at a glance**



GIP cubic foot volume: 0



**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
County: OSBORNE  
State: Kansas  
Drilling Contractor: Southwind Drilling,  
Inc - Rig 8  
Elevation: 1928 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 474  
API #: 15-141-24089-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
April  
**11**  
2021

**DST #3      Formation: Lans C      Test Interval: 3244 -      Total Depth: 3258'**  
**3258'**  
Time On: 09:54 04/11      Time Off: 16:30 04/11  
Time On Bottom: 11:10 04/11      Time Off Bottom: 14:40 04/11

**BUCKET MEASUREMENT:**

1st Open: WSB. Built to 2 1/4 inches in 60 mintues  
1st Close: NOBB  
2nd Open: WSB. Built to a 1 inch in 60 mintues  
2nd Close: NOBB

**REMARKS:**

Tool Sample: 0% Gas 2% Oil 63% Water 35% Mud  
Gravity: 23.3 @ 60 °F  
Ph: 7  
Measured RW: .5 @ 65 degrees °F  
RW at Formation Temp: 0.346 @ 97 °F  
Chlorides: 90000 ppm





**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
 County: OSBORNE  
 State: Kansas  
 Drilling Contractor: Southwind Drilling, Inc - Rig 8  
 Elevation: 1928 GL  
 Field Name: Wildcat  
 Pool: WILDCAT  
 Job Number: 474  
 API #: 15-141-24089-00-00

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 April  
**11**  
 2021

**DST #3      Formation: Lans C      Test Interval: 3244 - 3258'      Total Depth: 3258'**  
 Time On: 09:54 04/11      Time Off: 16:30 04/11  
 Time On Bottom: 11:10 04/11      Time Off Bottom: 14:40 04/11

**Down Hole Makeup**

<b>Heads Up:</b> 23.01 FT	<b>Packer 1:</b> 3238.5 FT
<b>Drill Pipe:</b> 3241.35 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 3244 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 3230.5 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 3246 FT
<b>Test Tool:</b> 26.66 FT <i>ID-3 1/2-FH</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 14	<b>Surface Choke:</b> 1"
<b><u>Anchor Makeup</u></b>	
<b>Packer Sub:</b> 1 FT	<b>Bottom Choke:</b> 5/8"
<b>Perforations: (top):</b> FT <i>4 1/2-FH</i>	
<b>Change Over:</b> FT	
<b>Drill Pipe: (in anchor):</b> FT <i>ID-3 1/2</i>	
<b>Change Over:</b> FT	
<b>Perforations: (below):</b> 13 FT <i>4 1/2-FH</i>	



**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
County: OSBORNE  
State: Kansas  
Drilling Contractor: Southwind Drilling,  
Inc - Rig 8  
Elevation: 1928 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 474  
API #: 15-141-24089-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
April  
**11**  
2021

**DST #3**      **Formation: Lans C**      **Test Interval: 3244 - 3258'**      **Total Depth: 3258'**  
Time On: 09:54 04/11      Time Off: 16:30 04/11  
Time On Bottom: 11:10 04/11      Time Off Bottom: 14:40 04/11

**Mud Properties**

**Mud Type:** Chem      **Weight:** 9.3      **Viscosity:** 56      **Filtrate:** 9.2      **Chlorides:** 7400 ppm



**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
 County: OSBORNE  
 State: Kansas  
 Drilling Contractor: Southwind Drilling, Inc - Rig 8  
 Elevation: 1928 GL  
 Field Name: Wildcat  
 Pool: WILDCAT  
 Job Number: 474  
 API #: 15-141-24089-00-00

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 April  
**11**  
 2021

**DST #3      Formation: Lans C      Test Interval: 3244 - 3258'      Total Depth: 3258'**  
 Time On: 09:54 04/11      Time Off: 16:30 04/11  
 Time On Bottom: 11:10 04/11      Time Off Bottom: 14:40 04/11

**Gas Volume Report**

1st Open

2nd Open

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

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



**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
 County: OSBORNE  
 State: Kansas  
 Drilling Contractor: Southwind Drilling, Inc - Rig 8  
 Elevation: 1928 GL  
 Field Name: Wildcat  
 Pool: WILDCAT  
 Job Number: 474  
 API #: 15-141-24089-00-00

**Operation:**  
 Uploading recovery & pressures

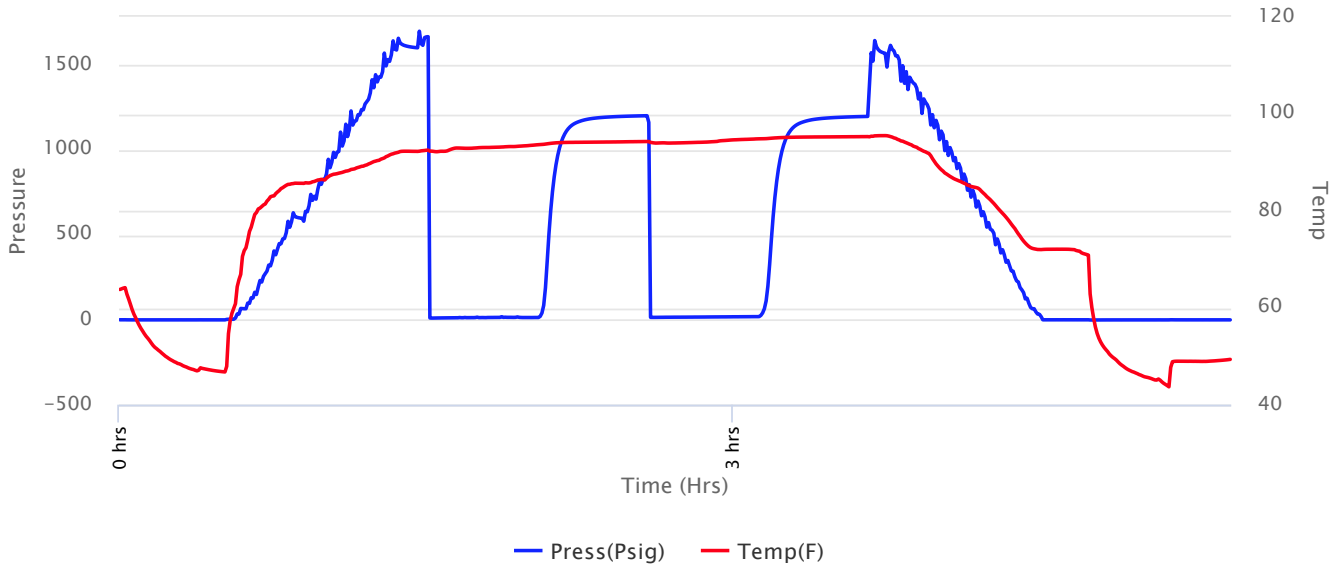
**DATE**  
 April  
**12**  
 2021

**DST #4**      **Formation: Lans F**      **Test Interval: 3280 - 3315'**      **Total Depth: 3315'**  
 Time On: 02:03 04/12      Time Off: 07:22 04/12  
 Time On Bottom: 03:34 04/12      Time Off Bottom: 05:34 04/12

Electronic Volume Estimate:  
 3'

<u>1st Open</u>	1st Close	<u>2nd Open</u>	2nd Close
Minutes: 30	Minutes: 30	Minutes: 30	Minutes: 30
Current Reading: .1" at 30 min	Current Reading: 0" at 30 min	Current Reading: .1" at 30 min	Current Reading: 0" at 30 min
Max Reading: .25"	Max Reading: 0"	Max Reading: .1"	Max Reading: 0"

Inside Recorder





**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
 County: OSBORNE  
 State: Kansas  
 Drilling Contractor: Southwind Drilling, Inc - Rig 8  
 Elevation: 1928 GL  
 Field Name: Wildcat  
 Pool: WILDCAT  
 Job Number: 474  
 API #: 15-141-24089-00-00

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 April  
**12**  
 2021

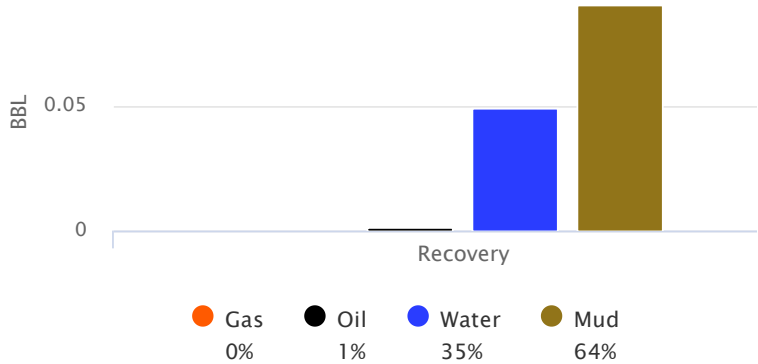
**DST #4**      **Formation: Lans F**      **Test Interval: 3280 - 3315'**      **Total Depth: 3315'**  
 Time On: 02:03 04/12      Time Off: 07:22 04/12  
 Time On Bottom: 03:34 04/12      Time Off Bottom: 05:34 04/12

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
10	0.1423	SLOCHWCM	0	1	35	64

Total Recovered: 10 ft  
 Total Barrels Recovered: 0.1423

Reversed Out  
 NO

**Recovery at a glance**



Initial Hydrostatic Pressure	1603	PSI
Initial Flow	11 to 14	PSI
<b>Initial Closed in Pressure</b>	<b>1203</b>	<b>PSI</b>
Final Flow Pressure	15 to 19	PSI
<b>Final Closed in Pressure</b>	<b>1199</b>	<b>PSI</b>
Final Hydrostatic Pressure	1593	PSI
Temperature	96	°F
Pressure Change Initial Close / Final Close	0.3	%

GIP cubic foot volume: 0



**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
County: OSBORNE  
State: Kansas  
Drilling Contractor: Southwind Drilling,  
Inc - Rig 8  
Elevation: 1928 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 474  
API #: 15-141-24089-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
April  
**12**  
2021

**DST #4**      **Formation: Lans F**      **Test Interval: 3280 - 3315'**      **Total Depth: 3315'**  
Time On: 02:03 04/12      Time Off: 07:22 04/12  
Time On Bottom: 03:34 04/12      Time Off Bottom: 05:34 04/12

**BUCKET MEASUREMENT:**

1st Open: WSB. Built to 2 1/4 inches in 30 minutes  
1st Close: NOBB  
2nd Open: Very Weak Blow. Blow did not build  
2nd Close: NOBB

**REMARKS:**

Tool Sample: 0% Gas 1% Oil 30% Water 69% Mud  
Ph: 7  
Measured RW: .62 @ 50 degrees °F  
RW at Formation Temp: 0.342 @ 96 °F  
Chlorides: 30,000 ppm



**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
 County: OSBORNE  
 State: Kansas  
 Drilling Contractor: Southwind Drilling,  
 Inc - Rig 8  
 Elevation: 1928 GL  
 Field Name: Wildcat  
 Pool: WILDCAT  
 Job Number: 474  
 API #: 15-141-24089-00-00

**Operation:**  
 Uploading recovery &  
 pressures

**DATE**  
 April  
**12**  
 2021

**DST #4**      **Formation: Lans F**      **Test Interval: 3280 - 3315'**      **Total Depth: 3315'**  
 Time On: 02:03 04/12      Time Off: 07:22 04/12  
 Time On Bottom: 03:34 04/12      Time Off Bottom: 05:34 04/12

**Down Hole Makeup**

<b>Heads Up:</b> 18.85 FT	<b>Packer 1:</b> 3275 FT
<b>Drill Pipe:</b> 3273.69 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 3280 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 3267 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 3282 FT
<b>Test Tool:</b> 26.16 FT <i>ID-3 1/2-FH</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 35	<b>Surface Choke:</b> 1"
<u><b>Anchor Makeup</b></u>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 0 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> 0 FT	
<b>Drill Pipe: (in anchor):</b> 0 FT <i>ID-3 1/2</i>	
<b>Change Over:</b> 0 FT	
<b>Perforations: (below):</b> 34 FT <i>4 1/2-FH</i>	



**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
County: OSBORNE  
State: Kansas  
Drilling Contractor: Southwind Drilling,  
Inc - Rig 8  
Elevation: 1928 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 474  
API #: 15-141-24089-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
April  
**12**  
2021

**DST #4**      **Formation: Lans F**      **Test Interval: 3280 - 3315'**      **Total Depth: 3315'**  
Time On: 02:03 04/12      Time Off: 07:22 04/12  
Time On Bottom: 03:34 04/12      Time Off Bottom: 05:34 04/12

**Mud Properties**

**Mud Type:** Chem      **Weight:** 9.3      **Viscosity:** 56      **Filtrate:** 9.2      **Chlorides:** 7400 ppm





**Company: Russell Oil, Inc**  
**Lease: Bear #26-1**

SEC: 26 TWN: 9S RNG: 13W  
 County: OSBORNE  
 State: Kansas  
 Drilling Contractor: Southwind Drilling, Inc - Rig 8  
 Elevation: 1928 GL  
 Field Name: Wildcat  
 Pool: WILDCAT  
 Job Number: 474  
 API #: 15-141-24089-00-00

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 April  
**12**  
 2021

**DST #4      Formation: Lans F      Test Interval: 3280 - 3315'      Total Depth: 3315'**  
 Time On: 02:03 04/12      Time Off: 07:22 04/12  
 Time On Bottom: 03:34 04/12      Time Off Bottom: 05:34 04/12

**Gas Volume Report**

1st Open

2nd Open

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

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











# 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. 2222

Date	Sec.	Twp.	Range	County	State	On Location	Finish
4/29/21	26	9	13	Osborne	Kansas		2:00 pm

Location Luray 8N 13W 14N

Lease	Well No.	Owner
<u>Bea</u>	<u>26-1</u>	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	Type Job	Charge To
<u>Ace Well serv</u>	<u>port collar</u>	<u>Russell Oil</u>

Hole Size	T.D.	Street

Csg.	Depth	City	State
<u>4 1/2</u>			

Tbg. Size	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
<u>2 3/8</u>	<u>1100'</u>		

Tool	Depth	Cement Amount Ordered
		<u>200 QMDC 1/4" flow</u>

Cement Left in Csg.	Shoe Joint	

Meas Line	Displace	

EQUIPMENT		Common
Pumptrk 16	No. Cementer Helper <u>David</u>	<u>5 gel / 100 80% QMDC</u>
Bulktrk 14	No. Driver <u>Doug</u>	Poz. Mix
Bulktrk	No. Driver	Gel. <u>5</u>
		Calcium

JOB SERVICES & REMARKS		Hulls

Remarks:	Salt

Rat Hole	Flowseal
<u>Used 5 gel + 100 sk</u>	

Mouse Hole	Kol-Seal

Centralizers	Mud CLR 48

Baskets	CFL-117 or CD110 CAF 38

D/V or Port Collar	Sand
<u>at 1100'</u>	

	Handling <u>200</u>

	Mileage

FLOAT EQUIPMENT	

	Guide Shoe

	Centralizer

	Baskets

	AFU Inserts

	Float Shoe

	Latch Down

	Pumptrk Charge
	<u>port collar Job</u>

	Mileage
	<u>32</u>

	Tax

	Discount

	Total Charge

X Signature	
<u>[Signature]</u>	

*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. 2296

Date	Sec.	Twp.	Range	County	State	On Location	Finish
5-7-21				Osborne	KS		3:00pm

Location Lura 7W 230th 3W N. into

Lease	Well No.	Owner	
<u>Bear</u>	<u>26-1</u>	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		Charge To	
<u>ACE</u>		<u>Russell Oil</u>	
Type Job			
<u>Squeeze</u>			
Hole Size	T.D.		
<u>7 7/8</u>			
Csg.	Depth	Street	
<u>4 1/2</u>			
Tbg. Size	Depth	City	
<u>2 3/8</u>		State	
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
<u>Rainhardt's Ann's</u>		Cement Amount Ordered	<u>150 com 1 Sand</u>
Cement Left in Csg.	Shoe Joint		

Meas Line	Displace	Common
		<u>150</u>
<b>EQUIPMENT</b>		
Pumptrk	No.	Cementer Helper
<u>17</u>		<u>Craig</u>
Bulktrk	No.	Driver
		<u>TOM</u>
Bulktrk	No.	Driver
<u>14</u>		<u>Dave</u>

<b>JOB SERVICES &amp; REMARKS</b>		Hulls
Remarks:		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 <u>1</u>
<u>Plug @ 3293 Test to 1500ft</u>		Handling <u>151</u>
<u>Spot Sand @ 3274.</u>		Mileage

<b>FLOAT EQUIPMENT</b>	
<u>Packer to squeeze @ 3146</u>	Guide Shoe
<u>Rate - 4B @ 1000# mixed 100SK</u>	Centralizer
<u>Open DV Pass on packer &amp; mix 50 more SK. Pumped away. Ran packer down prints &amp; wash hole clean</u>	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

<u>USED 150SK @ 1 Sand</u>	Pumptrk Charge	<u>Squeeze</u>
	Mileage	<u>32</u>
		Tax
		Discount
		Total Charge

X Signature Todd Brennan

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. 2299

Date	5-10-21	Sec.		Range		County	Osburn	State	KS	On Location		Finish	2:30pm
------	---------	------	--	-------	--	--------	--------	-------	----	-------------	--	--------	--------

Lease Bear Well No. 26-1 Location Luray 81 230 110 3w Ninto

Contractor	<u>ACE</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.
------------	------------	-------	--

Type Job	<u>Squeeze</u>	Charge To	<u>Russell O.I.</u>
----------	----------------	-----------	---------------------

Hole Size	<u>7 7/8</u>	T.D.	
-----------	--------------	------	--

Csg.	<u>4 1/2</u>	Depth	
------	--------------	-------	--

Tbg. Size	<u>2 3/8</u>	Depth	
-----------	--------------	-------	--

Tool	<u>Roxhards Chris M.</u>	Depth	
------	--------------------------	-------	--

Cement Left in Csg.		Shoe Joint	
---------------------	--	------------	--

Meas Line		Displace	
-----------	--	----------	--

EQUIPMENT			Common	<u>250</u>
-----------	--	--	--------	------------

Pumptrk	<u>16</u>	No.	Cement Helper	<u>Steve</u>	Poz. Mix	
---------	-----------	-----	---------------	--------------	----------	--

Bulktrk		No.	Driver	<u>Dave</u>	Gel.	
---------	--	-----	--------	-------------	------	--

Bulktrk	<u>14</u>	No.	Driver	<u>Tony</u>	Calcium	<u>9</u>
---------	-----------	-----	--------	-------------	---------	----------

JOB SERVICES & REMARKS			Hulls	
------------------------	--	--	-------	--

Remarks:		Salt	
----------	--	------	--

Rat Hole		Flowseal	
----------	--	----------	--

Mouse Hole		Kol-Seal	
------------	--	----------	--

Centralizers		Mud CLR 48	
--------------	--	------------	--

Baskets		CFL-117 or CD110 CAF 38	
---------	--	-------------------------	--

DAV or Port Collar		Sand	
--------------------	--	------	--

Rents	<u>3226-28x 3250-60</u>	Handling	<u>259</u>
-------	-------------------------	----------	------------

Packer to Squeeze @	<u>3 1/4</u>	Mileage	
---------------------	--------------	---------	--

Rate	<u>3BL @ 1300\$ mixed 250SK x</u>	FLOAT EQUIPMENT	
------	-----------------------------------	-----------------	--

Squeezed to	<u>11000*</u>	Guide Shoe	
-------------	---------------	------------	--

Wash around packer. Put signet start		Centralizer	
--------------------------------------	--	-------------	--

<u>IA @</u>		Baskets	
-------------	--	---------	--

<u>USED 250SK 3 1/4</u>		AFU Inserts	
-------------------------	--	-------------	--

		Float Shoe	
--	--	------------	--

		Latch Down	
--	--	------------	--

		Pumptrk Charge	<u>Squeeze</u>
--	--	----------------	----------------

		Mileage	<u>32</u>
--	--	---------	-----------

		Tax	
--	--	-----	--

		Discount	
--	--	----------	--

X Signature	<u>Todd Brown</u>	Total Charge	
-------------	-------------------	--------------	--



# 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. 2230

Date	5/11/21	Sec.	26	Twp.	9	Range	13	County	Osborne	State	Kansas	On Location		Finish	2:30pm				
Location								Luray 8N 230rd 3W Ninto											
Lease	Bear			Well No.	26-1			Owner											
Contractor								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.											
Type Job								Charge To											
plug								Russell Oil											
Hole Size				T.D.				Street				City							
Csg. 4 1/2				Depth				State											
Tbg. Size 2 3/8				Depth 2720															
Tool				Depth				The above was done to satisfaction and supervision of owner agent or contractor.											
Cement Left in Csg.				Shoe Joint				Cement Amount Ordered 225 <sup>60</sup> / <sub>40</sub> 4 1/2 gal											
Meas Line				Displace															
<b>EQUIPMENT</b>								Common 117											
Pumptrk	20	No.	Cementer	Graig				Poz. Mix 78											
			Helper																
Bulktrk	15	No.	Driver	Tom				Gel. 7											
			Driver																
Bulktrk	pu	No.	Driver	David				Calcium											
			Driver																
<b>JOB SERVICES &amp; REMARKS</b>								Hulls											
Remarks:								Salt											
Rat Hole								Flowseal											
used 195 sk								Kol-Seal											
Mouse Hole								Mud CLR 48											
Centralizers								CFL-117 or CD110 CAF 38											
Baskets								Sand											
DN or Port Collar								Handling 225											
2720' mixed 100 sacks								Mileage											
<b>FLOAT EQUIPMENT</b>																			
1200' mixed 80 sacks to								Guide Shoe											
circulate to surface								Centralizer											
								Baskets											
pulled tubing and topped off								AFU Inserts											
with 15 SKS								Float Shoe											
checked back side and								Latch Down											
was full																			
								Pumptrk Charge plug											
								Mileage 32											
X Signature <i>Todd Brun</i>								Thanks								Tax			
																Discount			
																Total Charge			



# 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. 1674

Date	4-6-21	Sec.	26	Twp.	9	Range	13	County	Osborne	State	Ks	On Location	Finish	11:15
------	--------	------	----	------	---	-------	----	--------	---------	-------	----	-------------	--------	-------

Lease	Bear	Well No.	26-1	Location	Luray 8N to 230 Rd 1 1/2 W 1/4 N
-------	------	----------	------	----------	-------------------------------------

Contractor	Southwind Drilling	Type Job	Surface	Charge To	Russell O.I.
------------	--------------------	----------	---------	-----------	--------------

Hole Size	12 1/4	T.D.	308	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
-----------	--------	------	-----	--	--

Csg.	8 3/4	Depth	The above was done to satisfaction and supervision of owner agent or contractor.		
------	-------	-------	--	--	--

Tbg. Size	Depth	City	State	Cement Amount Ordered	180 3/4 3 1/2
-----------	-------	------	-------	-----------------------	---------------

Tool	Depth	Cement Left in Csg. 10-15 Shoe Joint			
------	-------	--------------------------------------	--	--	--

Meas Line	Displace	EQUIPMENT			
-----------	----------	-----------	--	--	--

Pumptrk	18	No.	Cementer	Helper	Dave
---------	----	-----	----------	--------	------

Bulktrk	9	No.	Driver	Driver	Doug
---------	---	-----	--------	--------	------

JOB SERVICES & REMARKS					
------------------------	--	--	--	--	--

Remarks:	Salt	Common
----------	------	--------

Rat Hole	Flowseal	Poz. Mix
----------	----------	----------

Mouse Hole	Kol-Seal	Gel.
------------	----------	------

Centralizers	Mud CLR 48	Calcium
--------------	------------	---------

Baskets	CFL-117 or CD110 CAF 38	Hulls
---------	-------------------------	-------

D/V or Port Collar	Sand	Salt
--------------------	------	------

Est Circulation	Handling	Flowseal
-----------------	----------	----------

mixed 180 slk	Mileage	Kol-Seal
---------------	---------	----------

FLOAT EQUIPMENT		
-----------------	--	--

Cement Cir	Guide Shoe	Mud CLR 48
------------	------------	------------

Pumptrk Charge	Surface	Mud CLR 48
----------------	---------	------------

Mileage	AFU Inserts	Mud CLR 48
---------	-------------	------------

Signature	Float Shoe	Mud CLR 48
-----------	------------	------------

Tax	Latch Down	Mud CLR 48
-----	------------	------------

Discount	Pumptrk Charge	Mud CLR 48
----------	----------------	------------

Total Charge	Mileage	Mud CLR 48
--------------	---------	------------