

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](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
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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)*

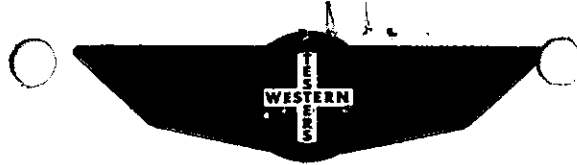
Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water 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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Home Office: Great Bend, Kansas  
P.O. Box 393 Gladstone 3-7903

COMPANY Pickrell Drilling Company WELL Tricker #1  
DATE 10-21-60 COUNTY Hodgeman STATE Kansas  
TEST NO. #1 TICKET NO. 9513-K TYPE TEST open hole (conventional)  
TEST APPROVED BY Donald Malone WESTERN REPRESENTATIVE Kenneth Cheney

TEST DATA:

Tested From 4337' To 4354' Depth 4354'  
Hydrostatic Mud Pressure—Initial (A) 2430# Final (B) 2425#  
Flow Pressure—Initial (B) 110# Final (C) 420#  
Bottom Hole Pressure—Initial (F) 1350# Final (D) 1160#  
Tool Open 1 Hr. -- Min.; Shut-in-Initial -- Hr. 20 Min.; Shut-in-Final -- Hr. 20 Min.  
Chokes; Surface 1" Bottom 1/2" Fluid Cushion: Type -- Amount --  
Recovery:

1208' Oil bottom 7 stands slightly mud cut

SURFACE DATA:

BLOW: Strong to medium tool open @ 4:05 AM

Maxium Surface Pressure \_\_\_\_\_ Did Well Flow? No

Description of Flow	Time	Max. Pressure	Size Surface Choke

GENERAL OPERATIONAL DATA:

Hole Size: Main Hole 7 7/8" Rat Hole -- Drill Pipe Size 4 1/2" F.H.  
Hole Condition Good Mud Weight 10. Viscosity 47  
Type Pressure Recorder H & T Recorder No. 23-24 Date Calib. 2-1-60  
Extra Equipment: Dual Packer \_\_\_\_\_ Jars \_\_\_\_\_ Safety Joint \_\_\_\_\_  
Was Test Recovery Reversed Out? No Bottom Hole Temperature 122°  
Number of Copies Requested Two

REMARKS:

*file*

*file copy*  
ROTARY DRILLING LOG

COMPANY: Pickrell Drilling Company  
705 Fourth National Bank Building  
Wichita, Kansas  
LOCATION: Tricker #1, ~~SE~~ NE, Sec. 8-21S-22W,  
Hodgeman County, Kansas

Rotary Drilling Commenced 10-10-60  
Rotary Drilling Completed 10-21-60

CONTRACTOR: PICKRELL DRILLING COMPANY  
Wichita, Kansas

CASING RECORD: Ran 9 jts. 20# 8 5/8" csg. Set @ 253' w/160 sks. Circ.  
Ran 134 jts. 5 1/2" OD 14# J-55 SMLS csg. Set @ 4342'. Cemented  
w/75 sks.

LOG

(Figures indicate bottom of formation — measurements from top of rotary bushing.)

40	soil, clay	<u>Circulate for Samples</u>
65	clay	
140	shale	4332 -
165	sand	4340
253	shale	4344
590	blue shale	4354
685	red rock & shale, shells	
763	shale & shells, red bed	
780	Blaine	<u>Slope Test</u>
808	shale	
1060	shale, sand	250 - 0°
1398	shale, shells	1500 - 0°
1435	anhydrite	2500 - 0°
1708	shells, shale	3500 - 0°
2160	shale, shells	4200 - 0°
2260	shale, lime	
2385	lime, shale	
2670	lime	<u>S.L.M.</u>
3440	lime, shale	
3555	lime, shale, sand	1500 OK
3685	sand, lime, shale	3000 OK
3750	shale, lime	4000 OK
3810	lime, shale	4354 OK
4217	lime	
4333	lime, shale	
4354	Miss. T.D.	

The undersigned, C. W. Sebitts, Attorney-in-Fact for PICKRELL DRILLING COMPANY, hereby certifies in behalf of said Company, that the above is a true and correct log of the formation encountered in drilling the above well as reflected by the Daily Drilling Reports.

PICKRELL DRILLING COMPANY  
*[Signature]*

PICKRELL DRILLING COMPANY  
705 Fourth National Bank Bldg.  
Wichita 2, Kansas

October 26, 1960

Geological Report

Tricker #1  
150 Ft. Southwest of C SE NE, Sec. 8-21S-22W  
Hodgeman County, Kansas

Elevation: 2226 K.B.

All measurements are taken from the top of the kelly bushing. 8 5/8" surface casing was set at 253 feet with 160 sacks on October 10, 1960.

One-foot drilling time was logged from 3500 to TD of 4354.

FORMATION TOPS: The following are sample-log tops. No electric or radiation logs were run.

Heebner	3691	(-1465)
Lansing	3738	(-1512)
Cherokee	4246	(-2020)
Mississippi	4334	(-2108)
RTD	4354	(-2128)

SHOWS OF OIL:

1. Cherokee lime 4260 to 4268
2. Mississippi Chert 4348 to 4354

DESCRIPTION OF SAMPLES:

3900 - 3953	Tan, gray and brown dense lime.
3953 - 3956	Tan dense oolitic lime. No show.
3956 - 3970	Gray and white cherty lime.
3970 - 3978	Gray oolitic dense lime. No shows.
3978 - 3992	Gray dense, partly crystalline lime.
3992 - 4000	Gray and green shale.
4000 - 4030	White, tan and gray dense cherty lime.
4030 - 4044	Black and dark gray shale.
4044 - 4080	Gray dense to gray shaly lime.
4080 - 4088	Gray shale.
4088 - 4116	Gray and white sub crystalline and dense lime.
4116 - 4155	Gray, white and tan shaly lime.
4155 - 4160	Dark gray shale.
4160 - 4246	Gray and tan dense and shaly limes.

Geological Report  
Tricker #1

October 26, 1960

DESCRIPTION OF SAMPLES: (Continued)

Cherokee: 4246 (-2020)

4246 - 4250 Black shale.  
4250 - 4260 Gray dense lime with traces of gray fresh chert.  
4260 - 4268 Gray crystalline and dense lime with poor show of free oil, rare stain in micro-crystalline porosity.  
4268 - 4275 Gray dense lime.  
4275 - 4279 Red, green, purple, and black shale.  
4279 - 4297 Gray and gray-mottled lime.  
4297 - 4302 Black shale.  
4302 - 4318 Varicolored limy shale; variegated shale and yellow chert.  
4318 - 4324 Small clusters of white fine shaley sand. No show.  
4324 - 4334 Yellow chert, brown dense lime and white to lite green sand. No show.

Mississippi: 4334 (-2108)

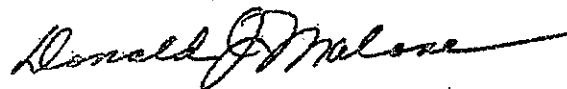
4334 - 4340 White dense slightly glauconitic limy dolomite. Very slightly cherty. No show.  
4340 - 4344 White opaque and translucent fresh chert. No show.  
4344 - 4348 White finely crystalline cherty dolomite. No show.  
4348 - 4354 White fresh and weathered chert with pinpoint to vuggy porosity and good show of free live oil.  
RTD - 4354

DRILL STEM TESTS: (Western)

DST No. 1: Tool open 1 hour. Strong to medium blow throughout test.  
4337 - 4354 Recovered: 1140 feet clean oil, 68 feet muddy oil.  
IBHP 1350 #/20", FBHP 1160 #/20", IFP 110#, FFP 420#.

5½" production casing was cemented 12 feet off bottom at 4342 with 75 sacks on October 22, 1960.

PICKRELL DRILLING COMPANY



Donald J. Malone, Geologist

DJM:bw