

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- Open Flow
 Deliverability

Test Date:
4/9/15

API No. 15
077-21278-0000

Company Pickrell Drilling Company, Inc.		Lease Easterby A		Well Number 1	
County Harper	Location SE NE NW	Section 8	TWP 32S	RNG (E/W) 9W	Acres Attributed
Field Mississippi		Reservoir Mississippi			
Completion Date 3/26/1994		Plug Back Total Depth 4401		Packer Set at	
Casing Size 4 1/2	Weight 10.5#	Internal Diameter 4.052	Set at 4434	Perforations 4348	To 4356
Tubing Size 2 3/8	Weight 4.7#	Internal Diameter 1.995	Set at 4369	Perforations Open Ended	To
Type Completion (Describe) Single		Type Fluid Production Water		Pump Unit or Traveling Plunger? <input checked="" type="checkbox"/> Yes / No	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide 0.11		% Nitrogen 1.58	
Vertical Depth(H) 4352		Pressure Taps Flange		(Meter Run) (Prover) Size 2.00	
Pressure Buildup: Shut in 4/6 20 15 at 10:00 (AM) (PM)		Taken 4/9 20 15 at 10:00 (AM) (PM)			
Well on Line: Started 4/9 20 15 at 10:00 (AM) (PM)		Taken 20 at (AM) (PM)			

OBSERVED SURFACE DATA

Duration of Shut-in 24 Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P ₁) or (P _o)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In	0.625					100		P		72	
Flow											

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _b) (F _p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F _g	Flowing Temperature Factor F _t	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_a)² = 0.207
(P_o)² = _____

(P_c)² = _____ : (P_w)² = _____ : P_d = _____ % (P_c - 14.4) + 14.4 = _____ :

(P _c) ² - (P _a) ² or (P _c) ² - (P _o) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _o ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by: $\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2}$	Backpressure Curve Slope = "n" ----- Assigned Standard Slope	n x LOG []	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)

Open Flow

Mcfd @ 14.65 psia

Deliverability

Mcfd @ 14.65 psia

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 17th day of April, 2015.

Witness (if any)

For Commission

Received
KANSAS CORPORATION COMMISSION

APR 20 2015

CONSERVATION DIVISION
WICHITA, KS

For Company

Checked by

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Pickrell Drilling Company, Inc. and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.

I hereby request a one-year exemption from open flow testing for the Easterby A #1 gas well on the grounds that said well:

(Check one)

- is a coalbed methane producer
- is cycled on plunger lift due to water
- is a source of natural gas for injection into an oil reservoir undergoing ER
- is on vacuum at the present time; KCC approval Docket No. _____
- is not capable of producing at a daily rate in excess of 250 mcf/D

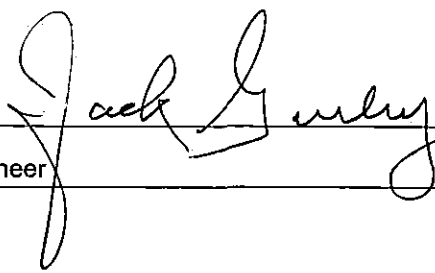
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.

Date: 4/17/15

The well averaged 41 MCFD during calendar year 2014.

Signature: _____

Title: Engineer



Instructions: If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.

PICKRELL DRILLING COMPANY, INC
 100 SOUTH MAIN - SUITE 505 - WICHITA, KANSAS 67202-3738

- GAUGE AND PRODUCTION REPORT - OIL

Harper COUNTY
 KS STATE

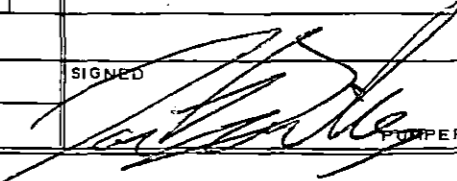
Easterby-A
 Sharon NE

FROM A.M. 4-2 2015 TO A.M. 4-9 2015 LEASE FIELD

TANK NUMBER	DATE 2			DATE 3			DATE 4			DATE 5			DATE 6			DATE 7			DATE 8			DATE 9		
	FT.	INS.	BARRELS	FT.	INS.	BARRELS	FT.	INS.	BARRELS	FT.	INS.	BARRELS	FT.	INS.	BARRELS	FT.	INS.	BARRELS	FT.	INS.	BARRELS	FT.	INS.	BARRELS
D.F. L.P.			9 26			9 26			9 26			9 26			9 26			-0 26			-0 26			-0 26
STOCK A.M. TODAY																								
PLUS P/L RUNS YEST.																								
TOTAL																								
LESS STOCK YESTERDAY																								
PRODUCTION YESTERDAY																								

PIPE LINE RUNS AND/OR B. S. AND W. DRAWN OFF											HOURS PUMPED OR FLOWED PER DAY										EXPLAIN DOWN TIME AND DRAWOFFS AND MAKE OTHER REMARKS BELOW					
DATE	TICKET NUMBER	TANK NUMBER	FROM FT.	TO FT.	GROSS BARRELS	GVTY.	TEMP.	TANK % BSW	TEMP.	WELL NO.	CHOKES SPM	TBG. PR. SL	CSG. PR. PLGR. D.	EST. BOPD	WATER %	EST. BOPD	2	3	4	5		6	7	8	9	
										1	6	48	1 1/4		100	13	24					24	4	0	0	4/16 Shut-In For 72 Hr Test
																									4/9 Csg 100# Tub 80#	

TOTAL GROSS RUNS THIS PERIOD	-	ALLOWABLE	SIZE METER RUN & ORIFICE: 2" 1625	HEATER TEMP.:
GROSS RUNS PREVIOUS PERIODS		RUNS	AVG. DIFF. & LINE PRESS.: /	PINTS EMULSION CHEM./DAY:
TOTAL GROSS RUNS THIS MONTH		OVER <input type="checkbox"/> SHORT <input type="checkbox"/>	TOTAL BOPD ON LEASE: 13	PINTS INHIBITOR/DAY:

SIGNED:  PUMPER

Received
 Kansas Corporation Commission
 APR 20 2015
 Conservation Division
 Wichita, KS