

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Form G-2
(Rev. 8/98)

Type Test

Open Flow
 Deliverability

Test Date: **03/17/15**

API No. 15- **175-10179-0000**

Company KERR-McGEE OIL & GAS ONSHORE LP		Lease LIGHT		Well Number A-1	
County SEWARD	Location C-NE-SE	Section 10	TWP 35S	RNGE (E/W) 32W	Acres Attributed 640
Field LIGHT	Reservoir L. MORROW	Gas Gathering Connection DCP			
Completion Date 02/23/51	Plug Back Total Depth 6260	Packer Set at N/A			
Casing Size 7	Weight 23	Interenal Diameter 6.366	Set at 6300	Perforations 6089	To 6117
Tubing Size 2.375	Weight 4.7	Interenal Diameter 1.995	Set at 6126	Perforations N/A	To N/A
Type Completion (Describe) GAS	Type Fluid Production WATER	Pump Unit or Traveling Plunger? PUMP	Yes / No YES		
Producing Thru (Annulus / Casing) CASING	% Carbon Dioxide 0.289	% Nitrogen 0.949	Gas Gravity - G _g 0.653		
Vertical Depth (H) 6103	Pressure Taps FLANGE	(Meter Run) X	(PROVER)	Size 2	
Pressure Buildup: Well on Line:	Shut in <u>03/16/15</u> Started <u>01/00/00</u>	at 11:00 a.m. at 0	Taken <u>03/17/15</u> Taken <u>01/00/00</u>	at 11:00 a.m. at 0	

OBSERVED SURFACE DATA

Duration of Shut-in **24 Hours**

Static / Dynamic Property	Orifice Size Inches	Circle One: Meter or Prover Pressure psig	Pressure Differential in (h) Inches H ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _v) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _v) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						117	131.4	PUMP		24	
Flow	0.500				60		0	PUMP			0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _b) (F _p) Mcfd	Circle One: Meter or Prover Pressure psia	Pressure Extension Sqrt ((P _m)(H _w))	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
1.219	14.4	0	1.237	1.063	1.000	0	0	0.000

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = 17.266 (P_w)² = 0 P_c = _____ % (P_c-14.4)+14.4 = _____ (P_w)² = 0.207 (P_d)² = _____

(P _c) ² -(P _d) ² or (P _c) ² -(P _w) ²	Choose formula 1 or 2: 1. P _c ² -P _d ² 2. P _c ² -P _w ² divided by P _c ² -P _w ²	LOG of formula 1. or 2. (P _c ² -P _w ²) and divide by:	Backpressure Curve Slope = "n" — or — Assigned Standard Slope	n x LOG ()	Antilog	Open Flow Deliverability Equals R x Antilog Mcfd
17.059	0.988	-0.005	0.850	-0.004	0.99	0

Open Flow

0 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 March, 2015.

Ernie Garcia

For Company

Witness (if any)

For Commission

Received
KANSAS CORPORATION COMMISSION

APR 07 2015

CONSERVATION DIVISION
WICHITA, KS

KCC WICHITA

Checked by

MAY 11 2015

RECEIVED

5-11-15

I declare under penalty or perjury under the laws of the state of Kansas that I am not
exempt status under Rule K.A.R. 82-3-304 on behalf of the operator KEEK MCGEE OIL & GAS
and that the foregoing information and statements contained on this application form are true and correct to
ONSHORE LP
the best of my knowledge and belief based upon gas production records and records of equipment installa-
tion and/or of type completion or upon use of the gas well herein named.

I hereby request a permanent exemption from open flow testing for the Light 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 vacuume at the present time; KCC approval Docket No. _____
- is incapable of producing at a daily rate in excess of 150 mcf/D

Date: 4/1/15

Signature: Madeline Brea

Title: PRODUCTION ENGINEER

Instructions All active gas wells must have at least one original G-2 form on file with the conservation division. If a gas well meets 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 obtain a testing exemption.

At some point during the succeeding calendar year, wellhead shut-in pressure shall be 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.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than thirty (30) days after the taking of the pressure reading. The form must be signed and dated on the front side as though it was a verified report of test results.

RECEIVED
KANSAS DEPARTMENT OF
CONSERVATION
WICHITA OFFICE
APR 1 2015