Form G-2
(Rev. 8/98)

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:
- [X] Open Flow
- [ ] Deliverabilty

Test Date:

API No. 15 –199–000140001

Company	Lease	Well Number
Mull Drilling Company, Inc.	Sexson	1

County	Location	Section	TWP	RNG (E/W)	Acres Attributed
Wallace	NW NE SW	19	13S	42W	

Field	Reservoir	Gas Gathering Connection
Sexson	Morrow	High Plains Gas Gathering, Inc.

Completion Date	Plug Back Total Depth	Packer Set at
8-12-98	5015	

Casing Size	Weight	Internal Diameter	Set at	Perforations	To
2.875	6.5	2.441	5062	5006	5014

Tubing Size	Weight	Internal Diameter	Set at	Perforations	To

Type Completion (Describe)	Type Fluid Production	Pump Unit or Traveling Plunger? Yes / No
Gas	None	No

Producing Thru (Annulus / Tubing)	% Carbon Dioxide	% Nitrogen	Gas Gravity - G_g
Producing thru Casing			.630

Vertical Depth(H)	Pressure Taps	(Meter Run) (Prover) Size
5010		

Pressure Buildup: Shut in 8-12 20 00 at 10:00 (AM) (PM) Taken 8-14 20 00 at 10:00 (AM) (PM)

Well on Line: Started 8-14 20 00 at 10:00 (AM) (PM) Taken 8-15 20 00 at 10:00 (AM) (PM)

OBSERVED SURFACE DATA

Duration of Shut-in _____ Hours

Static / Dynamic Property	Orifice Size inches	Circle one: Meter or Prover Pressure psig	Pressure Differential in (h) Inches H_2O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Casing psia	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Tubing psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In						300				72	
Flow	1"	95.5	28	68		120				24	.5

FLOW STREAM ATTRIBUTES

Plate Coeffiecient (F_b) (F_p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times H_w}$	Gravity Factor F_g	Flowing Temperature Factor F_{tt}	Deviation Factor F_{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G_m
4.912	109.9	55.473	1.260	.992	1.014	345		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2$ = 98.847 $(P_w)^2$ = 18.063 P_d = 18.27 % $(P_c - 14.4) + 14.4$ = 14.4 $(P_a)^2$ = 0.207 $(P_d)^2$ = .207

$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	$(P_c)^2 - (P_w)^2$	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by: $P_c^2 - P_w^2$	Backpressure Curve Slope = "n" or Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability Equals R x Antilog Mcfd
98.640	80.784	1.221	.087	.654	.057	1.140	393

Open Flow 393 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 16th day of June 20 00

RECEIVED
STATE CORPORATION COMMISSION
JUN 07 2000
07-07-00
CONSERVATION DIVISION
Wichita, Kansas

Kevin Strube w/KCC
Witness (if any)

Nancy I. Stiner
For Company

approved that no witness to test was necessary.
For Commission

Checked by

I declare under penalty or 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 _____ and that the foregoing information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon gas production records and records of equipment installation 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 _____ 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 incapable of producing at a daily rate in excess of 150 mcf/D

Date: _____

Signature: _____

Title: _____

Instructions: All active gas wells must have at least an 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.

NLS WIRELINE CORPORATION

STATIC BOTTOMHOLE PRESSURE TEST

COMPANY	MULL DRILLING CO.	TEST DATE	6-13-00
LEASE	SEXSON	WELL STATUS	SHUT IN
WELL NO.	1-X	ELEVATION KB	
LOCATION		ELEVATION GL	
LEGAL	SEC.19-13S-42	PACKER SA	
COUNTY	WALLASE	TOTAL DEPTH	
STATE	KANSAS	TUBING	@
FIELD		CASING	2.780 5060
FORMATION	MORROW	PERFS	5006 5014
REMARKS			

WELL D.W. @ 8:00A.M. INSTR. T.D. @ 501

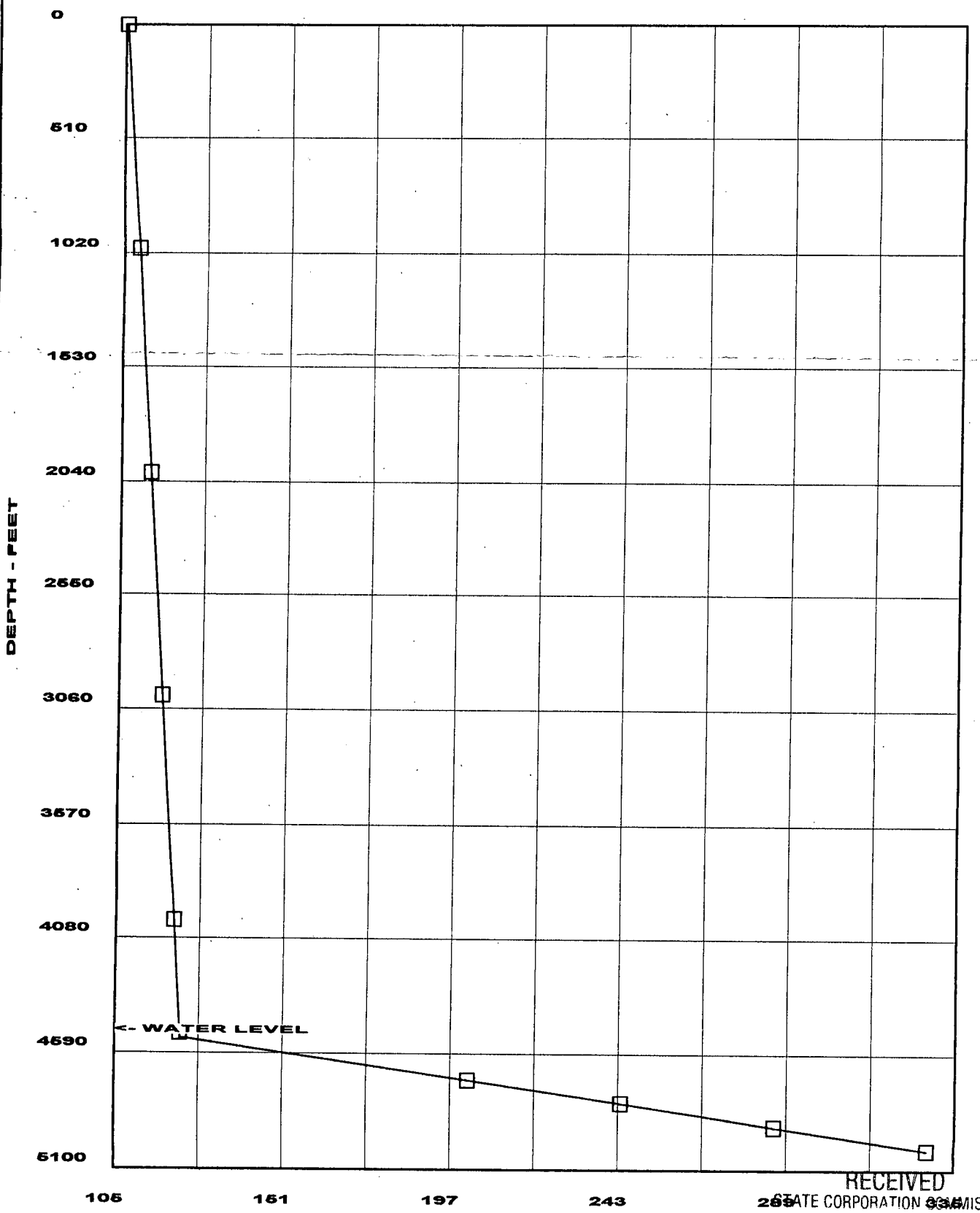
DEPTH FEET	PRESS. PSIG	DP PSI	GRADIENT PSI/FT
SURFAC	105.4		
1000	109.2	3.8	.004
2000	113.0	3.8	.004
3000	116.9	3.9	.004
4000	120.8	3.9	.004
4500	122.8	2.0	.004
4710	201.8	79.0	.376
4810	243.7	41.9	.419
4910	285.6	41.9	.419
5010	327.5	41.9	.419

DW TBG PRES.	TUBINGLESS
DW CSG PRES.	105.4
WATER LEVEL	4521
TEMP. @	149
INSTRUMENT	50411 N AMERADA
TESTED BY	MARK SCHMITZER
CALCULATED BY	MARK SCHMITZER

PRESSURE GRADIENT CURVE

COMPANY: MULL DRILLING CO. WELL #: 1-X

LEASE: SEXSON LOCATION: WALLASE



RECEIVED
STATE CORPORATION COMMISSION

JUL 07 2000

CONSERVATION DIVISION
Wichita, Kansas

MULL DRILLING CO., INC.

July 5, 2000

Mr. Jim Hemmen
Oil & Gas Corporation Commission
130 S. Market RM 2078
Wichita, KS 67202

RE: Sexson #1
NW NE SW Section 19-13S-42W
Wallace County, Kansas
One Point Test

Dear Jim:

Attached please find Mull Drilling Company's annual one-point stabilized open flow test for our Sexson #1 in Wallace County. Also attached for your reference is a wireline bottomhole pressure test taken during the shut-in period for the one point test. As you will note, the shut-in casing pressure at the surface was 105 psig, but the bottomhole pressure was 328 psig. Because of liquid loading, the actual shut-in casing pressure is not representative of the actual reservoir pressure in the well. Therefore, a more representative shut-in casing pressure (300 psig) was used in the one-point open flow calculations.

If you have any questions or concerns with the methodology used in this one point test, please contact me.

Sincerely,

Mark A. Shreve
President

MAS:nis

Attachments

221 N. MAIN • SUITE 300 • P.O. BOX 2758 • WICHITA, KS 67201-2758 • 316 264-6366 • FAX 316 264-6440