

Initial
Deliverability

NEW MEXICO OIL CONSERVATION COMMISSION WELL DELIVERABILITY TEST REPORT FOR 19 68

Form C122-A
Revised 1-1-68

POOL NAME BLANCO	POOL SLOPE n = .75	FORMATION MV	COUNTY RA
----------------------------	------------------------------	------------------------	---------------------

COMPANY EL PASO NATURAL GAS CO			WELL NAME AND NUMBER SJ 30-6 UNIT #47		
UNIT LETTER H	SECTION 32	TOWNSHIP 30	RANGE 7	PURCHASING PIPELINE EL PASO NATURAL GAS CO.	
CASING O.D. - INCHES 7.000	CASING I.D. - INCHES 6.356	SET AT DEPTH - FEET 4755	TUBING O.D. - INCHES 2.375	TUBING I.D. - INCHES 1.995	TOP - TUBING PERF. - FEET 5306
GAS PAY ZONE FROM 4833 TO 5386		WELL PRODUCING THRU CASING TUBING X		GAS GRAVITY 0.667	GRAVITY X LENGTH 3539
DATE OF FLOW TEST FROM 07/29/68 TO 08/06/68			DATE SHUT-IN PRESSURE MEASURED 04/23/68		

PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWt) 0	(b) Flowing Tubing Pressure (DWt) 0	(c) Flowing Meter Pressure (DWt) 0	(d) Flow Chart Static Reading 0	(e) Meter Error (Item c - Item d) 0	(f) Friction Loss (a-c) or (b-c) 0	(g) Average Meter Pressure (Integr.) 456
(h) Corrected Meter Pressure (g+e) 456	(i) Avg. Wellhead Press. $P_i = (h+f)$ 456	(j) Shut-in Casing Pressure (DWt) 684	(k) Shut-in Tubing Pressure (DWt) 684	(l) P_c = higher value of (j) or (k) 684	(m) Del. Pressure $P_d = 80\% P_c$ 547	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 445	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ 1.0000	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ 1.0000	Corrected Volume Q = 445 MCF/D
---	--	---	--

WORKING PRESSURE CALCULATION

$(1-e^{-s})$.227	$(F_c Q_m)^2 (1000)$ 17,506	$R^2 = (1-e^{-s}) (F_c Q_m)^2 (1000)$ 3974	P_t^2 207936	$P_w^2 = P_t^2 + R^2$ 211910	$P_w = \sqrt{P_w^2}$ 460
-----------------------------	---------------------------------------	--	--------------------------	--	------------------------------------

DELIVERABILITY CALCULATION

$$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = \frac{445}{\left[\frac{168647}{255948} \right]^n} = \frac{0.6589}{0.7313} = 325 \text{ MCF/D}$$

REMARKS: **Installed Intermittent - 7-8-68.**

SUMMARY

Item h **456** Psia
 P_c **684** Psia
 Q **445** MCF/D
 P_w **460** Psia
 P_d **547** Psia
 D **325** MCF/D

Company **EL PASO NATURAL GAS CO**
 By **J. H. Hendrich**
 Title _____
 Witnessed By _____
 Company _____

APPROVED
AUG 29 1968
OIL CON. COM.
DIST. 3

10-10-10

TO THE HONORABLE SENATE
OF THE UNITED STATES
FROM THE
COMMISSIONER OF THE GENERAL LAND OFFICE
WASHINGTON, D. C.

REPORT
ON THE
LANDS BELONGING TO THE UNITED STATES
IN THE TERRITORY OF ARIZONA
AND THE TERRITORY OF NEW MEXICO
AND THE TERRITORY OF COLORADO
AND THE TERRITORY OF ILLINOIS
AND THE TERRITORY OF INDIANA
AND THE TERRITORY OF KENTUCKY
AND THE TERRITORY OF LOUISIANA
AND THE TERRITORY OF MISSISSIPPI
AND THE TERRITORY OF ALABAMA
AND THE TERRITORY OF GEORGIA
AND THE TERRITORY OF FLORIDA
AND THE TERRITORY OF MISSOURI
AND THE TERRITORY OF IOWA
AND THE TERRITORY OF NEBRASKA
AND THE TERRITORY OF KANSAS
AND THE TERRITORY OF OKLAHOMA
AND THE TERRITORY OF TEXAS
AND THE TERRITORY OF CALIFORNIA
AND THE TERRITORY OF ARIZONA
AND THE TERRITORY OF NEW MEXICO
AND THE TERRITORY OF COLORADO
AND THE TERRITORY OF ILLINOIS
AND THE TERRITORY OF INDIANA
AND THE TERRITORY OF KENTUCKY
AND THE TERRITORY OF LOUISIANA
AND THE TERRITORY OF MISSISSIPPI
AND THE TERRITORY OF ALABAMA
AND THE TERRITORY OF GEORGIA
AND THE TERRITORY OF FLORIDA
AND THE TERRITORY OF MISSOURI
AND THE TERRITORY OF IOWA
AND THE TERRITORY OF NEBRASKA
AND THE TERRITORY OF KANSAS
AND THE TERRITORY OF OKLAHOMA
AND THE TERRITORY OF TEXAS
AND THE TERRITORY OF CALIFORNIA

REPORT OF THE COMMISSIONER OF THE GENERAL LAND OFFICE

TO THE HONORABLE SENATE
OF THE UNITED STATES
FROM THE
COMMISSIONER OF THE GENERAL LAND OFFICE
WASHINGTON, D. C.

REPORT
ON THE
LANDS BELONGING TO THE UNITED STATES
IN THE TERRITORY OF ARIZONA
AND THE TERRITORY OF NEW MEXICO
AND THE TERRITORY OF COLORADO
AND THE TERRITORY OF ILLINOIS
AND THE TERRITORY OF INDIANA
AND THE TERRITORY OF KENTUCKY
AND THE TERRITORY OF LOUISIANA
AND THE TERRITORY OF MISSISSIPPI
AND THE TERRITORY OF ALABAMA
AND THE TERRITORY OF GEORGIA
AND THE TERRITORY OF FLORIDA
AND THE TERRITORY OF MISSOURI
AND THE TERRITORY OF IOWA
AND THE TERRITORY OF NEBRASKA
AND THE TERRITORY OF KANSAS
AND THE TERRITORY OF OKLAHOMA
AND THE TERRITORY OF TEXAS
AND THE TERRITORY OF CALIFORNIA
AND THE TERRITORY OF ARIZONA
AND THE TERRITORY OF NEW MEXICO
AND THE TERRITORY OF COLORADO
AND THE TERRITORY OF ILLINOIS
AND THE TERRITORY OF INDIANA
AND THE TERRITORY OF KENTUCKY
AND THE TERRITORY OF LOUISIANA
AND THE TERRITORY OF MISSISSIPPI
AND THE TERRITORY OF ALABAMA
AND THE TERRITORY OF GEORGIA
AND THE TERRITORY OF FLORIDA
AND THE TERRITORY OF MISSOURI
AND THE TERRITORY OF IOWA
AND THE TERRITORY OF NEBRASKA
AND THE TERRITORY OF KANSAS
AND THE TERRITORY OF OKLAHOMA
AND THE TERRITORY OF TEXAS
AND THE TERRITORY OF CALIFORNIA

REPORT OF THE COMMISSIONER OF THE GENERAL LAND OFFICE

[Handwritten signature]

Dist. 3
Oil Corp.