

Initial
Deliverability

NEW MEXICO OIL CONSERVATION COMMISSION
WELL DELIVERABILITY TEST REPORT FOR 19 69

Form C122-A
Revised 1-1-68

POOL NAME BALLARD	POOL SLOPE n = .85	FORMATION PC	COUNTY RA
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87-076

COMPANY EL PASO NATURAL GAS CO			WELL NAME AND NUMBER CANYON LARGO UNIT #146		
UNIT LETTER M	SECTION 9	TOWNSHIP 25	RANGE 7	PURCHASING PIPELINE EL PASO NATURAL GAS CO.	
CASING O.D. - INCHES 2.875	CASING I.D. - INCHES 2.441	SET AT DEPTH - FEET 2281	TUBING O.D. - INCHES 0.000	TUBING I.D. - INCHES 0.000	TOP - TUBING PERF. - FEET 0
GAS PAY ZONE FROM 2200 TO 2278		WELL PRODUCING THRU CASING X TUBING		GAS GRAVITY 0.665	GRAVITY X LENGTH 1463
DATE OF FLOW TEST FROM 10/03/69 TO 10/11/69			DATE SHUT-IN PRESSURE MEASURED 08/21/69		

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.) 180
(h) Corrected Meter Pressure (g+e) 180	(i) Avg. Wellhead Press. $P_i = (h+f)$ 180	(j) Shut-in Casing Pressure (DWt) 600	(k) Shut-in Tubing Pressure (DWt) 0	(l) P_c = higher value of (i) or (k) 600	(m) Del. Pressure $P_d = \frac{80}{480} P_c$ 80	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 211	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ 1.0000	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ 1.0000	Corrected Volume Q = 211 MCF/D
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WORKING PRESSURE CALCULATION

$(1-e^{-s})$.101	$(F_c Q_m)^2 (1000)$ 1,371	$R^2 = (1-e^{-s}) (F_c Q_m)^2 (1000)$ 138	P_i^2 32400	$P_w^2 = P_i^2 + R^2$ USE PT2	$P_w = \sqrt{P_w^2}$ 180
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DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$ 211	$\left[\frac{129600}{327600} \right]^n =$ 0.3956	$\left[\frac{1}{0.4546} \right]^n =$ 0.4546	96 MCF/D
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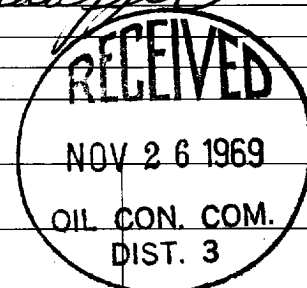
REMARKS:

New Well- 1st Del. Sept. 26, 1969.

SUMMARY

Item h **180** Psia
 P_c **600** Psia
 Q_c **211** MCF/D
 P_w **180** Psia
 P_d **480** Psia
 D **96** MCF/D

Company **EL PASO NATURAL GAS CO**
By **R.E. Stauffer**
Title
Witnessed By
Company



NEW MEXICO OIL CONSERVATION COMMISSION

OFFICE OF THE COMMISSIONER OF OIL CONSERVATION

RECEIVED
OIL CONSERVATION COMMISSION
NEW MEXICO

TO THE HONORABLE
GOVERNOR OF THE STATE OF NEW MEXICO
SANTO DOMINGO, NEW MEXICO
FROM THE COMMISSIONER OF OIL CONSERVATION
NEW MEXICO

YOUR HONORABLE LETTER OF THE 10TH INSTANT
HAS BEEN RECEIVED AND THE MATTER
IS BEING CONSIDERED BY THE COMMISSION.

THE COMMISSION HAS THE HONOR TO
ACKNOWLEDGE THE RECEIPT OF YOUR
LETTER OF THE 10TH INSTANT.

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