

NEW MEXICO OIL CONSERVATION COMMISSION
INITIAL WELL DELIVERABILITY TEST REPORT FOR 19 74

Form C122-A
 Revised 1-1-66

POOL NAME Undes. Chacra	POOL SLOPE n= 75	FORMATION Chacra	COUNTY San Juan
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COMPANY Wynn Oil Company			WELL NAME AND NUMBER Largo Federal #6		
UNIT LETTER I	SECTION 14	TOWNSHIP 27N	RANGE 8W	PURCHASING PIPELINE El Paso Natural Gas Co.	
CASING O.D. - INCHES 4½	CASING I.D. - INCHES	SET AT DEPTH - FEET 3926	TUBING O.D. - INCHES	TUBING I.D. - INCHES 1½	TOP - TUBING PERF. - FEET 3877
GAS PAY ZONE FROM 3898 TO 3908		WELL PRODUCING THRU CASING TUBING X		GAS GRAVITY .655	GRAVITY X LENGTH 2539
DATE OF FLOW TEST FROM 2/8 TO 2/16			DATE SHUT-IN PRESSURE MEASURED 2/23/74		

PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWt) 179	(b) Flowing Tubing Pressure (DWt) 141	(c) Flowing Meter Pressure (DWt) 141	(d) Flow Chart Static Reading 141	(e) Meter Error (Item c - Item d) 0	(f) Friction Loss (a - c) or (b - c) 0	(g) Average Meter Pressure (Integr.) 141
(h) Corrected Meter Pressure (g + e) 141	(i) Avg. Wellhead Press. $P_t = (h + f)$ 141	(j) Shut-in Casing Pressure (DWt) 632	(k) Shut-in Tubing Pressure (DWt) 632	(l) P_c = higher value of (j) or (k) 632	(m) Del. Pressure $P_d = \underline{80} \% P_c$ 506	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 186	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ 1	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ 1	Corrected Volume Q = 186 MCF/D
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24.62

WORKING PRESSURE CALCULATION

$(1 - e^{-s})$.169	$(F_c Q_m)^2 (1000)$ 20,970	$R^2 = (1 - e^{-s}) (F_c Q_m)^2 (1000)$ 3544	P_t^2 19881	$P_w^2 = P_t^2 + R^2$ 23425	$P_w = \sqrt{P_w^2}$ 153
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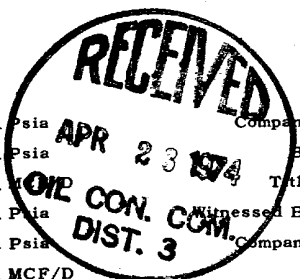
DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$	186	$\left[\frac{143,388}{375,999} \right]^n =$	.3814	$=$	.4854	$=$	90 MCF/D
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REMARKS:

SUMMARY

Item h **141**
 P_c **632**
 Q **186**
 P_w **153**
 P_d **506**
 D **90**



Company **Wynn Oil Company**
 By **GeoElectric, Inc.**
 Title **Agent**
 Witnessed By **B.H. Keno Jorg and**
 Company

OK

