NEW MEXICO OIL CONSERVATION COMMISSION
WELL DELIVERABILITY TEST REPORT FOR 19 76

Form C122-A
Revised 1-1-66

POOL NAME	POOL SLOPE	FORMATION	COUNTY
Gavilan	n= .85	Pictured Cliffs	Rio Arriba

COMPANY			WELL NAME AND NUMBER		
E.L. Fundingsland			Federal #7		
UNIT LETTER	SECTION	TOWNSHIP	RANGE	PURCHASING PIPELINE	
k	24	25N	2W	EPNG	
CASING O.D. - INCHES	CASING I.D. - INCHES	SET AT DEPTH - FEET	TUBING O.D. - INCHES	TUBING I.D. - INCHES	TOP - TUBING PERF. - FEET
4.500	4.090	3565	1.315	1.049	3463
GAS PAY ZONE		WELL PRODUCING THRU		GAS GRAVITY	GRAVITY X LENGTH
FROM 3474 TO 3484		CASING	TUBING X	.712	2466
DATE OF FLOW TEST			DATE SHUT-IN PRESSURE MEASURED		
FROM 5-10-76 TO 5-18-76			5-25-76		

PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWt)	(b) Flowing Tubing Pressure (DWt)	(c) Flowing Meter Pressure (DWt)	(d) Flow Chart Static Reading	(e) Meter Error (Item c - Item d)	(f) Friction Loss (a - c) or (b - c)	(g) Average Meter Pressure (Integr.)
153	116	116	116	0	0	116
(h) Corrected Meter Pressure (g + e)	**(i) Avg. Wellhead Press. P_t = (h+f)**	**(j) Shut-in Casing Pressure (DWt)**	**(k) Shut-in Tubing Pressure (DWt)**	**(l) P_c = higher value of (j) or (k)**	**(m) Del. Pressure P_d = 80 %P_c**	**(n) Separator or Dehydrator Pr. (DWt) for critical flow only**
116	116	186	187	187	150	

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ 1.000	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$	Corrected Volume
35		1.000	Q = 35 MCF/D

WORKING PRESSURE CALCULATION

$(1-e^{-s})$	$(F_c\ Q_m)^2\ (1000)$	$R^2 = (1-e^{-s})(F_c\ Q_m)^2(1000)$	P_t^2	$P_w^2 = P_t^2 + R^2$	$P_w = \sqrt{P_w^2}$
.164	3112	510	13456	13966	118

DELIVERABILITY CALCULATION

$$D = Q\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2}\right]^n = 35\left[\left(\frac{12469}{21003}\right)^n = (.5937)^n = .6420\right] = 22 \text{ MCF/D}$$

REMARKS:

RECEIVED
NOV 4 1976
OIL CON. COM.
DIST. 3

SUMMARY

Item h	116	Psia
P_c	187	Psia
Q	35	MCF/D
P_w	118	Psia
P_d	150	Psia
D	22	MCF/D

Company Lynco Oil Co.
By James Ray
Title Field Mgr.
Witnessed By
Company