NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122
Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Blanco-Pictured Cliffs Formation Pictured Cliffs County San Juan

Initial X Annual ____ Special ____ Date of Test 11-16-56

Company STANOLIND OIL AND GAS COMPANY Lease Harbison Gas Unit "B" Well No. 2

Unit L Sec. 26 Twp. 29 Rge. 10 Purchaser El Paso Natural Gas Company

Casing 5-1/2 Wt. 14# I.D. 5.012 Set at 2050 Perf. 1972 To 2004

Tubing 1-1/4 Wt. 2.4# I.D. 1.38 Set at 1986 Perf. 1980 To 1986

Gas Pay: From 1963 To 2050 L 1986 xG 0.65 est. -GL 1291 Bar.Press. ____

Producing Thru: Casing X Tubing ____ Type Well Single - Gas
Single-Bradenhead-G. G. or G.O. Dual

Date of Completion: 11-16-56 Packer ____ Reservoir Temp. ____

RDB = 5626

OBSERVED DATA

Tested Through (Orifice) (Choke) (Meter) Type Taps ____

No.	Flow Data (Prover) (Line) Size	Flow Data (Choke) (Orifice) Size	Flow Data Press. psig	Flow Data Diff. h_w	Flow Data Temp. °F.	Tubing Data Press. psig	Tubing Data Temp. °F.	Casing Data Press. psig	Casing Data Temp. °F.	Duration of Flow Hr.
SI		7 Day SIP				666		666		
1.		3/4"	123			123		123	60°	3 Hr.
2.										
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_w p_f}$	Pressure psia	Flow Temp. Factor F_t	Gravity Factor F_g	Compress. Factor F_{pv}	Rate of Flow Q-MCFPD @ 15.025 psia
1.	12.2650		135	1.00	0.9608	1.043	1626
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio ____ cf/bbl.
Gravity of Liquid Hydrocarbons ____ deg.
F_c ____ = ____ $(1-e^{-s})$ ____ = ____

Specific Gravity Separator Gas ____
Specific Gravity Flowing Fluid .65 est.
P_c 678 psia P_c^2 ____

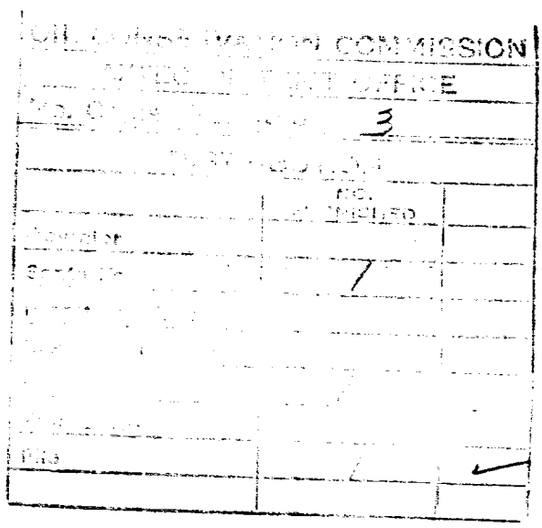
No.	P_w P_t (psia)	P_t^2	F_cQ	$(F_cQ)^2$	$\frac{(F_cQ)^2}{(1-e^{-s})}$	P_w^2	$P_c^2-P_w^2$	Cal. P_w	$\frac{P_w}{P_c}$
1.							62439		
2.									
3.									
4.									
5.									

Absolute Potential: 1681 MCFPD; n 0.85

COMPANY STANOLIND OIL AND GAS COMPANY
ADDRESS Box 807, Farmington, New Mexico
AGENT and TITLE R. M. Bauer, Jr., Field Engineer R M Bauer Jr.
WITNESSED ____
COMPANY ____

REMARKS

RECEIVED
NOV 26 1956
OIL CON. COM.
DIST. 3


COMMISSION
DEFENSE
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