

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Ballard Pictured Cliff Formation Pictured Cliff County San Juan
Initial X Annual _____ Special _____ Date of Test April 4, 1956
Company J. Glenn Turner Lease Christine Hughes Well No. 5-3
Unit B Sec. 3 Twp. 27N Rge. 9W Purchaser _____
Casing 5 1/2 Wt. _____ I.D. _____ Set at 2942 Perf. _____ To _____
Tubing 1 1/2 Wt. _____ I.D. _____ Set at 3007 Perf. _____ To _____
Gas Pay: From 2937 To 3007 L _____ xG 0.735 -GL _____ Bar.Press. _____
Producing Thru: Casing X Tubing _____ Type Well Single
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: _____ Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (Prover) (Choke) (Meter)

Type Taps _____

No.	Flow Data					Tubing Data		Casing Data		Duration of Flow Hr.
	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.	
1.		<u>3/4</u>	<u>219</u>			<u>720</u>		<u>719</u>		<u>3 hours</u>
2.						<u>249</u>		<u>219</u>	<u>54</u>	
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_{wpf}}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCFPD @ 15.025 psia
1.	<u>14.1605</u>		<u>231</u>	<u>1.0058</u>	<u>0.9035</u>	<u>1.030</u>	<u>3062</u>
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

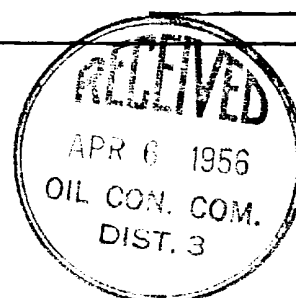
Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
F_c _____ (1-e^{-s})

Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid _____
P_c _____ P_c² _____

No.	P _w P _t (psia)	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-s})	P _w ²	P _c ² -P _w ²	Cal. P _w	P _w P _c
1.									
2.									
3.									
4.									
5.									

Absolute Potential: 3390 MCFPD; n 0.850COMPANY KI Pace Natural Gas CompanyADDRESS Box 997, Albuquerque, N.M.AGENT and TITLE Kenneth J. Martin, District EngineerWITNESSED Virgil SteaksCOMPANY Hansen-Martin-Greer

REMARKS



SIL CONSERVATION COM.		AIRBO OFFICE	
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100